

# Milwaukee®

Nothing but **HEAVY DUTY.**™



# 2016/17

TO DEVELOP AND PRODUCE **‘NOTHING BUT HEAVY DUTY™’ POWERTOOLS** IS ONLY ONE PART OF THE **MILWAUKEE® PROMISE.**



These tools need to last day in and day out. For this reason, serviceability is incorporated into every tool produced.

All powertools leave the factory with a complete documentation package including instructions for use, listing of customer service centres and safety instructions. Milwaukee® has a worldwide service network.

Should a problem arise requiring assistance or support at short notice, you can rely on our service centres/agents worldwide.

The global network ensures that our customers' needs and requirements are shared to influence future product development.

Expertise and competence gained over many years ensures a fast and efficient professional repair service.

Milwaukee® tools strive to meet and surpass all international and European standards and directives for both design and safety. Constant research and development programs aim to anticipate and fulfill future market trends in all regulatory and efficiency requirements. Milwaukee® is, amongst others, an active member of EPTA (European Power Tool Association) and so is proudly aligned to all industry measurement standards agreed by the organization.

## EXPERIENCE THE HEAVY DUTY DIFFERENCE

### TOOLS BUILT TO DO THE JOB BETTER.

At Milwaukee®, Heavy Duty is more than just a slogan. It is a promise to offer the best to professional users. Milwaukee® engineers don't just design tools.

They design tools to get the job done better, faster, reliably and safely.



[www.milwaukeetool.eu](http://www.milwaukeetool.eu)

### ALL YOU HAVE TO DO TO TAKE ADVANTAGE OF OUR EXTRA WARRANTY OFFER IS TO REGISTER ONLINE. NOTHING BUT HEAVY DUTY™

#### HEAVY DUTY WARRANTY:



Milwaukee® offers a 3 year warranty on tools and up to 2 year warranty on REDLITHIUM-ION™ batteries, when registered.

All you need to do in order to receive this Milwaukee® service: register your tool online!



Every Milwaukee® tool is tested according to a comprehensive certified process before leaving the factory and is guaranteed to be "NOTHING BUT HEAVY DUTY™" qualified.

Follow the link on [www.milwaukeetool.eu](http://www.milwaukeetool.eu).

At Milwaukee® we take great pride in the products and services we offer to our professional customers. With this in mind we are pleased to offer additional protection by extending our warranty period up to 3 years.

The warranty extension is only available in those countries listed on our warranty registration website. The extended warranty offer excludes products used in the hire industry, battery chargers and accessories supplied.

This service is available to you at no cost if you register your new Milwaukee® power tool and battery within 30 days of the purchase date.

M12

YouTube OVER 30 VIDEOS  
WWW.YOUTUBE.COM/USER/MILWAUKEEUROTV

# UPGRADE. OUTWORK. OUTLAST.



ONE SYSTEM  
OVER  
**60**  
TOOLS



M12 FUEL



RED LITHIUM-ION™ 2.0 / 4.0 / 6.0Ah

# M12 FUEL™

DRIVEN TO OUTPERFORM.™



# M12 FUEL™

DRIVEN TO OUTPERFORM.™

**M12 CPD**  
M12 FUEL™ compact 2-speed  
percussion drill

**M12 CDD**  
M12 FUEL™ compact  
2-speed drill driver

**M12 CD**  
M12 FUEL™ compact  
2-speed driver

**M12 CID**  
M12 FUEL™ compact  
1/4" Hex impact driver



**M12 CIW12**  
M12 FUEL™ compact  
1/2" impact wrench



**M12 CIW14**  
M12 FUEL™ compact  
1/4" impact wrench



**M12 CIW38**  
M12 FUEL™ compact  
3/8" impact wrench



**M12 CH**  
M12 FUEL™ compact  
SDS hammer



**M12 CHZ**  
M12 FUEL™ compact  
hackzall™



**M12 CCS44**  
M12 FUEL™ compact  
circular saw



UP TO 10X LONGER  
MOTOR LIFE\*

UP TO 2X MORE  
POWER\*

UP TO 2X MORE RUN  
TIME\*

\* Compared with competitive Li-Ion technology and/or previous Milwaukee® battery technology. Results dependent on voltage, tool and application.

## M12 CPD

**FUEL**

### M12 FUEL™ COMPACT 2-SPEED PERCUSSION DRILL



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life, up to 2x more power and up to 2x more run time
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- First 13 mm metal chuck in this class for quick bit changes and bit retention
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CPD-0	M12 CPD-202C	M12 CPD-402C
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1700	0 - 1700	0 - 1700
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	25	25	25
Max. drilling steel (mm)	13	13	13
Max. drilling masonry (mm)	13	13	13
Max. percussion rate (bpm)	25,500	25,500	25,500
Max. torque (Nm)	37	37	44
Weight with battery pack (kg)	-	1.3	1.5
Supplied in	-	Kitbox	Kitbox
Article Number	4933440380	4933440370	4933440375
EAN Code	4002395000845	4002395000821	4002395000838

## M12 BPD

### M12™ SUB COMPACT PERCUSSION DRILL



- Milwaukee® high performance sub compact percussion drill measures 190 mm in length making it ideal for working within confined spaces.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 10 mm metal chuck for quick bit changes and bit retention
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BPD-0	M12 BPD-202C	M12 BPD-402C
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
No load speed gear 1 (rpm)	0 - 400	0 - 400	0 - 400
No load speed gear 2 (rpm)	0 - 1500	0 - 1500	0 - 1500
Chuck capacity (mm)	10	10	10
Max. drilling wood (mm)	22	22	22
Max. drilling steel (mm)	10	10	10
Max. drilling masonry (mm)	10	10	10
Max. percussion rate (bpm)	22,500	22,500	22,500
Max. torque (Nm)	30	30	38
Weight with battery pack (kg)	-	1.2	1.5
Supplied in	-	Kitbox	Kitbox
Article Number	4933441950	4933441940	4933441935
EAN Code	4002395002702	4002395002641	4002395002672

## M12 CDD

**FUEL**

### M12 FUEL™ COMPACT 2-SPEED DRILL DRIVER



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life, up to 2x more power and up to 2x more run time
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- First 13 mm metal chuck in this class for quick bit changes and bit retention
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CDD-0	M12 CDD-202C	M12 CDD-402C
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1700	0 - 1700	0 - 1700
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	25	25	25
Max. drilling steel (mm)	13	13	13
Max. torque (Nm)	37	37	44
Weight with battery pack (kg)	-	1.3	1.5
Supplied in	-	Kitbox	Kitbox
Article Number	4933440400	4933440390	4933440395
EAN Code	4002395000883	4002395000869	4002395000876

## M12 BDDX

### M12™ SUB COMPACT DRILL DRIVER WITH REMOVABLE CHUCK



- Milwaukee® high performance sub compact 4-in-1 drill driver system for extreme versatility
- Removable chuck system with 3 different heads for multiples of applications
- Standard 10 mm keyless chuck, full metal right angle 1/4" hex drive head and full metal offset 1/4" hex drive head
- 1/4" hex drive behind chuck fitting, reduces drill length to 153 mm when required
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal planetary gearbox transmission for extreme durability
- LED light for workspace illumination

	M12 BDDX-202C	M12 BDDXKIT-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	2	2
Charger supplied	40 min	40 min
No load speed gear 1 (rpm)	0 - 400	0 - 400
No load speed gear 2 (rpm)	0 - 1500	0 - 1500
Chuck capacity (mm)	10	10
Max. drilling wood (mm)	25	25
Max. drilling steel (mm)	10	10
Max. torque (Nm)	32	32
Weight with battery pack (kg)	1.2	1.2
Standard equipment	Removable FIXTEC chuck, belt clip, 25 mm PZ2 bit	Removable FIXTEC chuck, offset attachment, right angle drill attachment, belt clip, 25 mm PZ2 bit
Supplied in	Kitbox	Kitbox
Article Number	4933447830	4933447836
EAN Code	4002395005963	4002395006601

## M12 BDD

### M12™ SUB COMPACT DRILL DRIVER



- Milwaukee® high performance sub compact drill driver measures 187 mm in length making it ideal for working within confined spaces.
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 10 mm metal chuck for quick bit changes and bit retention
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BDD-0	M12 BDD-202C	M12 BDD-402C
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
No load speed gear 1 (rpm)	0 - 400	0 - 400	0 - 400
No load speed gear 2 (rpm)	0 - 1500	0 - 1500	0 - 1500
Chuck capacity (mm)	10	10	10
Max. drilling wood (mm)	22	22	22
Max. drilling steel (mm)	10	10	10
Max. torque (Nm)	30	30	38
Weight with battery pack (kg)	-	1.2	1.4
Supplied in	-	Kitbox	Kitbox
Article Number	4933441930	4933441915	4933441925
EAN Code	4002395002658	4002395002627	4002395002634

## M12 CD

### M12 FUEL™ COMPACT 2-SPEED DRIVER

FUEL



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life, up to 2x more power and up to 2x more run time
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 1/4" Hex chuck for quick easy one handed bit change
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CD-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed gear 1 (rpm)	0 - 450
No load speed gear 2 (rpm)	0 - 1700
Tool reception	1/4" Hex
Max. drilling wood (mm)	25
Max. drilling steel (mm)	10
Max. torque (Nm)	37
Weight with battery pack (kg)	1.2
Supplied in	-
Article Number	4933440450
EAN Code	4002395000968

## M12 BD

### M12™ SUB COMPACT DRIVER



- Milwaukee® high performance sub compact screw driver measures 175 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 1/4" Hex chuck for quick easy one handed bit change
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BD-0	M12 BD-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed gear 1 (rpm)	0 - 400	0 - 400
No load speed gear 2 (rpm)	0 - 1500	0 - 1500
Tool reception	1/4" Hex	1/4" Hex
Max. drilling wood (mm)	22	22
Max. drilling steel (mm)	10	10
Wood screws to (mm)	6	6
Max. torque (Nm)	30	30
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933441910	4933441900
EAN Code	4002395002566	4002395002559

## M12 BSD

### M12™ SUB COMPACT SINGLE SPEED DRIVER



- Milwaukee® high performance compact screw driver measures 169 mm in length making it ideal for working within confined spaces
- Metal planetary gears for superior durability and maximum torque up to 20 Nm
- 1/4" Hex chuck for quick easy one handed bit change
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 15 stage torque adjustment plus additional drilling for maximum flexibility
- Slimline soft grip handle
- Built in LED light illuminates the work surface
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BSD-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	0 - 500
Max. drilling wood (mm)	16
Max. drilling steel (mm)	10
Max. torque (Nm)	20
Tool reception	1/4" Hex
Weight with battery pack (kg)	0.9
Supplied in	-
Article Number	4933447135
EAN Code	4002395006021

## M12 CID

M12 FUEL

### M12 FUEL™ COMPACT 1/4" HEX IMPACT DRIVER



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 2x more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 delivers maximum performance for the toughest applications
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 1/4" Hex chuck for quick and easy bit change
- On board fuel gauge and LED light
- Flexible battery system: works with all Milwaukee® M12™ batteries

## M12 BID

### M12™ SUB COMPACT IMPACT DRIVER



- Milwaukee® high performance sub compact impact driver measures 165 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 1/4" Hex chuck for quick and easy bit change
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CID-0	M12 CID-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	1200/2650	1200/2650
Tool reception	1/4" Hex	1/4" Hex
Impact rate (ipm)	2700/3550	2700/3550
Max. torque (Nm)	19/135	19/135
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933440410	4933440405
EAN Code	4002395000906	4002395000890

	M12 BID-0	M12 BID-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	0 - 2500	0 - 2500
Impact rate (ipm)	0 - 3300	0 - 3300
Tool reception	1/4" Hex	1/4" Hex
Max. torque (Nm)	112	112
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933441955	4933441960
EAN Code	4002395002689	4002395002696

# SHOCKWAVE™ IMPACT HOLESAWS



#### FEATURES:

- 1 8 TPI = smooth burr free holes.  
- Thin wall - 0.6 mm thick = less resistance, up to 40% faster.
- 2 Shallow cup optimised for thin metal.
- 3 8% Cobalt Bi-Metal for best durability and lifetime.
- 4 Ejection spring auto ejects slugs.
- 5 Stop shoulder prevents over drilling.
- 6 1/4" Hex shank = impact driver compatible.



**IMPACT**  
up to **40%**  
**FASTER**

Ø (mm)	Article Number
19	49569805
22	49569810
25	49569815
29	49569820
32	49569825
35	49569830
38	49569835
3 pc Shockwave impact set. Ø 22 / 29 / 35 mm.	49224800
Ejection spring and grub screw.	4932430466
Pilot drill bit with arbor.	4932430477

**SHOCKWAVE** **IMPACT DUTY**™

## M12 BRAID

### M12™ SUB COMPACT RIGHT ANGLE IMPACT DRIVER



- Compact right angle impact driver measures 287 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics delivers best in class system durability
- Full metal gearbox and gears for superior durability and maximum torque of 68 Nm
- Compact head design with diameter of 35.6 mm
- Multi-handle design for multiple hand positions and maximum comfort
- 1/4" Hex chuck for quick easy one handed bit change
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	M12 BRAID-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	0 - 2425
Impact rate (ipm)	0 - 3300
Tool reception	1/4" Hex
Max. torque (Nm)	68
Weight with battery pack (kg)	1.2
Supplied in	-
Article Number	4933451247
EAN Code	4002395167715

## M12 CIW12

FUEL

### M12 FUEL™ COMPACT 1/2" IMPACT WRENCH



- Milwaukee® designed and built brushless POWERSTATE™ motor delivers to 160 Nm of torque and up to 25% faster application speed
- REDLITHIUM-ION™ battery technology delivers up to 2x more run time, up to 2x more battery life and operates down to -20°C temperature
- The Milwaukee® digital DRIVE CONTROL™ allows the user to shift between two different speed and torque settings to maximise application versatility - Mode 1: 65 Nm/0-1500 rpm/2650 ipm and Mode 2: 160 Nm/0-2650 rpm/3500 ipm to fasten M8 to M18 metric bolt sizes
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- Slim, short, light design with no reactionary torque in use to maximise ease of use and user comfort
- State of charge indication with an on-board fuel gauge for optimised energy management
- Efficient and effective LED light work space illumination
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CIW12-0	M12 CIW12-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	1500/2650	1500/2650
Tool reception	1/2" square	1/2" square
Impact rate (ipm)	2650/3500	2650/3500
Max. torque (Nm)	65/160	65/160
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933447132	4933447130
EAN Code	4002395005994	4002395005970

## M12 CIW14

FUEL

### M12 FUEL™ COMPACT 1/4" IMPACT WRENCH



- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 delivers maximum performance for the toughest applications
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CIW14-0	M12 CIW14-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	1200/2650	1200/2650
Tool reception	1/4" square	1/4" square
Impact rate (ipm)	3000/4000	3000/4000
Max. torque (Nm)	13/56	13/56
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933440455	4933440415
EAN Code	4002395000975	4002395000913

## M12 CIW38

FUEL

### M12 FUEL™ COMPACT 3/8" IMPACT WRENCH



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 2x more motor life and up to 40% more torque
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 delivers maximum performance for the toughest applications
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CIW38-0	M12 CIW38-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	1200/2650	1200/2650
Tool reception	3/8" square	3/8" square
Impact rate (ipm)	2650/3500	2650/3500
Max. torque (Nm)	23/158	23/158
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933440460	4933440420
EAN Code	4002395000982	4002395000920



**NEW SHOCKWAVE™**

# ULTIMATE FIT, BEST DURABILITY

MADE FROM PROPRIETARY STEEL AND HEAT TREATED TO CONTROL HARDNESS, INNOVATIVELY DESIGNED GEOMETRIC SHOCK ABSORPTION ZONE TO EXTEND LIFE.

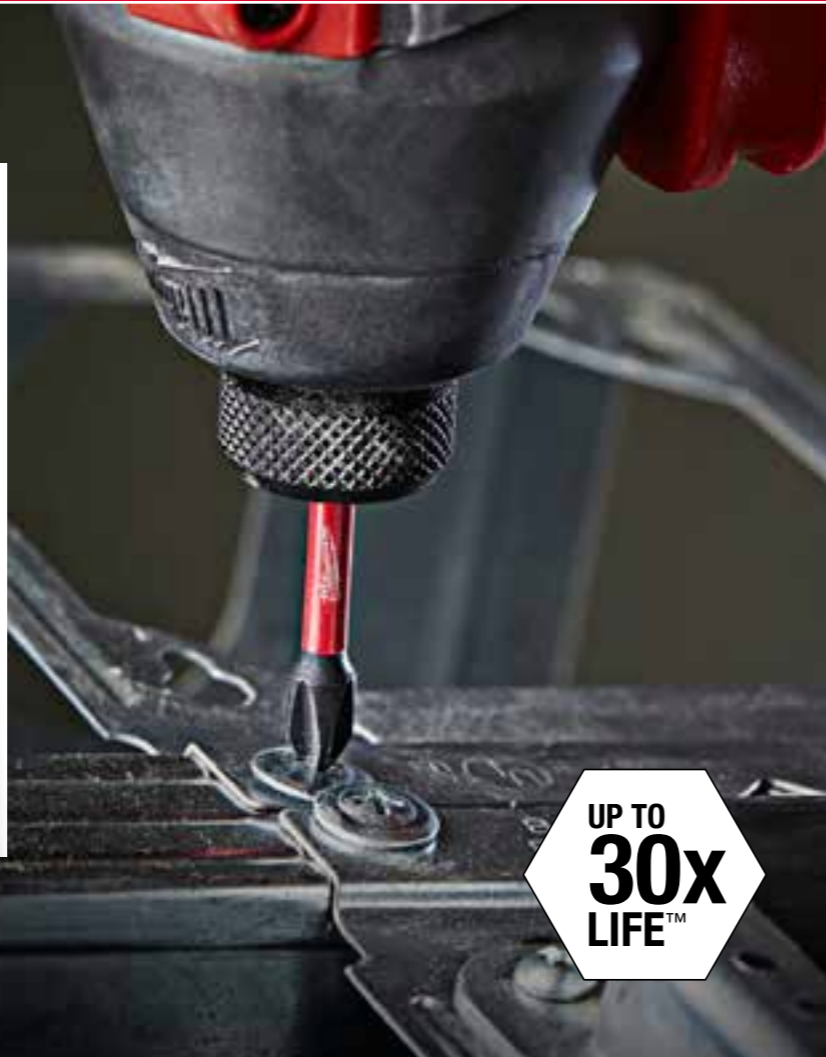
**THE TRUE HIGH PERFORMANCE SOLUTION FOR YOUR IMPACT DRIVER**



**SHOCKZONE™**  
ABSORBS MORE TORQUE

**CUSTOM MACHINED TIP™**  
PRECISE FIT

**CUSTOM ALLOY™**  
76 STEEL



UP TO  
**30x**  
LIFE™



**48 PC SHOCKWAVE DRILL & DRIVE SET - COUNTER DISPLAY**

Shockwave Impact Duty™ screwdriving bits: 32 x 25 mm length 2 x PH1 / 2 x PH2 / 1 x PH3, 2 x PZ1 / 3 x PZ2 / 1 x PZ3, 3 x TX10 / 3 x TX15 / 3 x TX20 / 3 x TX25 / 3 x TX30 / 1 x TX40, 1 x Hex 4 mm / 1 x Hex 5 mm, 1 x SL 0.6 x 4.5 / 1 x SL 0.8 x 5.5 / 1 x SL 1.2 x 6.5. 8 x 50 mm length 1 x PH1 / 1 x PH2, 1 x PZ1, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30. 3 x 90 mm length 1 x PZ2, 1 x TX20 / 1 x TX25. 1 x magnetic bit holder 60 mm length. 4 x Shockwave Impact Duty™ 1/4" Hex drill bits: Ø 3 / 4 / 5 / 6 mm. ARTICLE NO. **4932430906**



**33 PC SHOCKWAVE BITS & NUT DRIVERS SET - COUNTER DISPLAY**

Shockwave Impact Duty™ screwdriving bits: 24 x 25 mm length 1 x PH1 / 2 x PH2 / 1 x PH3, 2 x PZ1 / 3 x PZ2 / 2 x PZ3, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40 / 1 x TX50. 5 x 50 mm length 1 x PH2 / 1 x PH3, 1 x PZ1 / 1 x PZ2 / 1 x TX15 / 1 x TX20 / 1 x TX25. 3 x Shockwave Impact Duty™ magnetic nut drivers: 48 mm length 1 x Hex 7 mm / 1 x Hex 8 mm / 1 x Hex 10 mm. 1 x magnetic bit holder 60 mm length. ARTICLE NO. **4932430905**

**Shockwave Impact Duty™ drive guide cassettes**

**12 pc Shockwave drill guide set 1.**  
1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX20 / 1 x TX25, 1 x SL 0.6 x 4.5 mm / 1 x SL 0.8 x 5.5 mm, 1 x Hex 4 / 1 x Hex 5, 1 x drive guide bit holder 76 mm length.

**12 piece Shockwave drive guide set 2.**  
1 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX15 / 1 x TX20 / 2 x TX25 / 1 x TX30 / 1 x TX40, 1 x drive guide bit holder 76 mm length.

**12 pc Shockwave drill guide set 3.**  
2 x TX10 / 3 x TX15 / 2 x TX20 / 2 x TX25 / 1 x TX30 / 1 x TX40, 1 x drive guide bit holder 76 mm length.



**KNUCKLE™**

1 x Knuckle™, 1 x PH1 / 2 x PH2, 1 x PZ1 / 2 x PZ2 / 1 x PZ3, 1 x TX15 / 1 x TX20 / 1 x TX25.



28 mm\*

ARTICLE NO. **4932352938**

**SHOCKWAVE**  
IMPACT DUTY



**6 PIECE SHOCKWAVE IMPACT DUTY™ SET**  
Ø 3 / 4 / 5 / 6 / 7 / 8 mm.  
ARTICLE NO. **4932352454**



**40 PC SHOCKWAVE DRILL & DRIVE SET - COUNTER DISPLAY**

Shockwave Impact Duty™ screwdriving bits: 25 x 25 mm length 1 x PH1 / 2 x PH2, 1 x PZ1 / 3 x PZ2, 2 x TX10 / 2 x TX15 / 3 x TX20 / 2 x TX25 / 2 x TX30 / 1 x TX40 / 1 x TX50, 1 x Hex 4 mm / 1 x Hex 5 mm, 1 x SL 0.6 x 4.5 / 1 x SL 0.8 x 5.5 / 1 x SL 1.2 x 6.5. 8 x 50 mm length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25 / 1 x TX30. 1 x magnetic bit holder 60 mm length. 1 x magnetic bit holder 152 mm length. 3 x Shockwave Impact Duty™ 1/4" Hex drill bits: Ø 3 / 4 / 5 mm. 2 x Shockwave Impact Duty™ magnetic nut drivers: 48 mm length 1 x Hex 8 mm / 1 x Hex 10 mm. ARTICLE NO. **4932430908**



**56 PC SHOCKWAVE DRIVE SET - COUNTER DISPLAY**

Shockwave Impact Duty™ screwdriving bits: 48 x 25 mm length 2 x PH1 / 3 x PH2 / 1 x PH3, 3 x PZ1 / 4 x PZ2 / 2 x PZ3, 3 x TX10 / 3 x TX15 / 4 x TX20 / 4 x TX25 / 4 x TX30 / 3 x TX40 / 2 x TX50, 2 x Hex 4 mm / 2 x Hex 5 mm, 2 x SL 0.6 x 4.5 / 2 x SL 0.8 x 5.5 / 2 x SL 1.2 x 6.5. 7 x 50 mm length 1 x PH2, 1 x PZ1 / 1 x PZ2, 1 x TX10 / 1 x TX15 / 1 x TX20 / 1 x TX25. 1 x magnetic bit holder 60 mm length. ARTICLE NO. **4932430907**



**5 PIECE SHOCKWAVE IMPACT DUTY™ NUT DRIVER SET.**

Ø 7 / 8 / 10 / 12 / 13 mm.  
ARTICLE NO. **4932352822**



**1/2" SOCKET SETS**

Contents: 8 / 10 / 11 / 12 / 13 / 14 / 16 / 17 / 19 / 21 mm.  
ARTICLE NO. **4932352861**

**1/4" SOCKETS**

12 x 1/4" sockets: 4 / 4.5 / 5 / 5.5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 mm. 50 mm total length. 6 x screwdriving bits 25 mm in length: PH 2, PZ 2, TX 15, TX 20, TX 25, TX 30. 1 x socket adaptor 1/4" Hex > 1/4" square drive. 1 x bit adaptor 1/4" square (F) > 1/4" Hex. Magnetic bit holder for screwdriving bits. ARTICLE NO. **4932352862**



**SCREWDRIVING RANGE**

Most receptions also available in 25 mm and 50 mm bulk containers

## M12 BIW12

### M12™ SUB COMPACT 1/2" IMPACT WRENCH



- Milwaukee® high performance sub compact impact wrench measures 171 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 1/2" square drive for use with universal sockets
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BIW12-0	M12 BIW12-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	0 - 2550	0 - 2550
Tool reception	1/2" square	1/2" square
Impact rate (ipm)	0 - 3400	0 - 3400
Max. torque (Nm)	138	138
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933447134	4933447133
EAN Code	4002395006014	4002395006007

**SHOCKWAVE**  
IMPACT DUTY

## M12 BIW14

### M12™ SUB COMPACT 1/4" IMPACT WRENCH



- Milwaukee® high performance sub compact impact wrench measures 152 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 1/4" square drive for use with universal sockets
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BIW14-0	M12 BIW14-202C
Voltage (V)	12	12
Battery type	-	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	0 - 2500	0 - 2500
Tool reception	1/4" square	1/4" square
Impact rate (ipm)	0 - 3300	0 - 3300
Max. torque (Nm)	50	50
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933441980	4933441970
EAN Code	4002395002580	4002395002573

## M12 BIW38

### M12™ SUB COMPACT 3/8" IMPACT WRENCH



- Milwaukee® high performance sub compact impact wrench measures 165 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 3/8" square drive for use with universal sockets
- Optimised handle for better control and improved grip
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BIW38-0	M12 BIW38-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	0 - 2500	0 - 2500
Tool reception	3/8" square	3/8" square
Impact rate (ipm)	0 - 3300	0 - 3300
Max. torque (Nm)	135	135
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933441985	4933441990
EAN Code	4002395002603	4002395002597

## C12 RAD

### M12™ SUB COMPACT RIGHT ANGLE DRILL



- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Variable speed paddle switch trigger for comfortable working in any situation
- 10 mm chuck for quick bit changes and bit retention
- Slimline soft grip handle
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	C12 RAD-0	C12 RAD-202B
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed (rpm)	0 - 800	0 - 800
Chuck capacity (mm)	10	10
Max. drilling wood (mm)	22	22
Max. drilling steel (mm)	10	10
Max. torque (Nm)	12	12
Weight with battery pack (kg)	-	1.1
Supplied in	-	Tool bag
Article Number	4933416900	4933441215
EAN Code	4002395237678	4002395001248

## M12 CH

**M12 FUEL**

### M12 FUEL™ COMPACT SDS HAMMER



- Industry's first brushless compact 12V rotary hammer with 1.1 Joules (EPTA), 0 - 6575 bpm & 0 - 900 rpm
- Exceptionally low vibration value 4.4 m/s<sup>2</sup> can be used for 8 hours in a day
- Will drill over 60 x 6 mm holes per battery charge
- Superior power to weight ratio in its class with Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 2x more run time
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- 2-mode operation: choose rotary hammer or rotation only for maximum versatility
- Optimised hammer drilling up to 6 - 10 mm (max 13 mm)
- 43 mm neck size - compatible with M12 DE dust extractor
- Flexible battery system: works with all Milwaukee® M12™ REDLITHIUM-ION™ batteries

	M12 CH-0	M12 CH-202C	M12 CH-402C
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
Tool reception	SDS-Plus	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	1.1	1.1	1.1
Max. drilling wood (mm)	13	13	13
Max. drilling steel (mm)	10	10	10
Max. drilling concrete (mm)	13	13	13
Vibration drilling (m/s <sup>2</sup> )	4.4	4.4	4.4
Weight with battery pack (kg)	-	1.7	1.9
Supplied in	-	Kitbox	Kitbox
Article Number	4933441947	4933441997	4933441475
EAN Code	4002395002719	4002395002665	4002395002610

# M12™ SDS-PLUS DRILLS



UP TO  
**25%  
FASTER**  
MADE IN GERMANY

**OPTIMISED FOR  
CORDLESS SDS-PLUS  
CONCRETE DRILLING**



**FEATURES**

- 1. Centering tip.**
  - Ensures immediate spot drilling with pin point accuracy. Prevents skidding on smooth surfaces.
- 2. Enlarged rebar chamfers.**
  - Prevents side tip damage when hitting rebar. Reduces the risk of the drill bit jamming when hitting rebar.
- 3. Breaker Points.**
  - 3 offset aggressive power breakers. These produce a "Demolition" effect and create micro cracks in the drilled material.
  - Up to 25% FASTER.
- 4a. Tapered shoulder design.**
  - Thinner shoulder towards drill tip for less friction providing for greater speed. Ideal for cordless hammers identified from its tapered shoulder geometry.
- 4b. Reinforced flute.**
  - High volume flute geometry for optimum dust removal. Reinforced flute design (thicker core) gives:
    - Full power transfer to the tip.
    - Lower vibrations.
    - Exceptional break resistance, less breakages and best durability.

Set of 5 SDS-plus hammer drill bits. Ø 5 / 6 x 110 mm and Ø 6 / 8 / 10 x 160 mm.

**4932352338**

Set of 7 SDS-plus hammer drill bits. Ø 5 / 6 / 8 x 110 mm and Ø 6 / 8 / 10 / 12 x 160 mm.

**4932352339**

Set of 10 SDS-plus hammer drill bits. Ø 5 / 6 / 6 x 110 mm and Ø 6 / 6 / 8 / 8 / 10 / 12 / 14 x 160 mm.

**4932352340**

## M12 H

### M12™ SUB COMPACT SDS HAMMER DRILL



- Ergonomically designed, compact and light weight allows for work in tight spaces and reduces fatigue during all day use
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- L-shape, 2 mode hammer drill for hammer & rotary drilling for maximum versatility
- Low vibration at 6.7 m/s²
- Optimised hammer drilling up to 4 - 8 mm (max 13 mm)
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 H-0	M12 H-202C	M12 H-402C
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
Tool reception	SDS-Plus	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	0.9	0.9	0.9
Max. drilling wood (mm)	10	10	10
Max. drilling steel (mm)	8	8	8
Max. drilling concrete (mm)	13	13	13
Vibration drilling (m/s²)	6.7	6.7	6.7
Weight with battery pack (kg)	-	1.6	1.8
Supplied in	-	Kitbox	Kitbox
Article Number	4933431355	4933431340	4933441164
EAN Code	4002395243679	4002395243693	4002395001149

## M12 DE

### M12™ UNIVERSAL HAMMER VAC

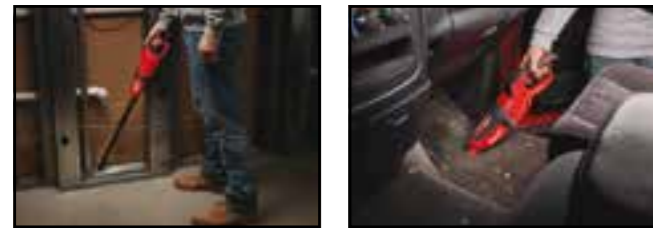


- Fits all Milwaukee® SDS-plus and the majority of competitor's drills between 43-59 mm neck size, supplied with side handle and 3 neck collars
- Will extract 65 x Ø6 mm by 50 mm deep holes per charge
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Multi functionality - can be used as a dedicated dust extraction as well as a hand held vac, right or left mounting
- HEPA filter: 99.7 % efficient
- Automatic 5 sec switch off time delay to ensure dust from drilled hole is completely cleaned
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ REDLITHIUM-ION™ batteries

	M12 DE-0C	M12 DE-201C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	40 min
Max. drill bit diameter (mm)	4 - 16	4 - 16
Max. drilling depth (mm)	120	120
Weight with battery pack (kg)	-	1.7
Supplied in	Kitbox	Kitbox
Article Number	4933440510	4933440500
EAN Code	4002395000395	4002395000234

## M12 HV

### M12™ SUB COMPACT STICK VAC



- Excellent suction power for wood, metal and common debris
- Clear viewing window gives the user the ability to see debris build up
- Lock on switch reduces fatigue during sustained use
- Versatile accessories for small or large clean up areas
- Compact design makes it easy to clean in tight spaces
- Secure canister lock guards against unwanted spillage

	M12 HV-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Air volume (l/min)	934
Airflow speed (m/h)	56
Max. vacuum (mbar)	31.1
Capacity solids (l)	0.6
Hose diameter (mm)	22.5
Weight with battery pack (kg)	1.2
Supplied in	–
Article Number	4933448390
EAN Code	4002395262908

## M12 JS

### M12™ SUB COMPACT JIGSAW



- New grip design combines the best features from both top handle and barrel grip jigsaw design
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Variable speed - electronic trigger provides user flexibility and control
- Smooth cut - minimal vibration during cutting provides ultra smooth performance
- Precision roller guide increases user control and reduces blade deviation
- Line of sight - the compact tool design improves cut line visibility
- Tool free bevel facility - quick and easy bevel adjustment up to 45°
- QUIK-LOK™ T-Shank blade clamp
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Non marking shoe comes as standard to protect work surfaces from scratching

	M12 JS-0	M12 JS-22B	M12 JS-402B
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	–	1.5	4.0
No. of batteries supplied	0	2	2
Charger supplied	–	30 min	80 min
No load stroke rate (spm)	0 - 2800	0 - 2800	0 - 2800
Stroke length (mm)	19	19	19
Weight with battery pack (kg)	–	1.9	2.1
Supplied in	–	Tool bag	Tool bag
Article Number	4933431305	4933431300	4933441700
EAN Code	4002395242085	4002395242078	4002395001965

## M12 CHZ



### M12 FUEL™ COMPACT HACKZALL™



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 6x longer motor life and up to 70% faster cutting in certain applications
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Counter balance mechanism lowers vibration to 6.5 m/s<sup>2</sup> allowing the operator to work safely for longer periods of time reducing fatigue
- Sealed gearbox prevents water and debris entering the housing
- LED light illuminates the cutline in low light conditions
- Compact and light weight allows users to complete applications in restricted areas

	M12 CHZ-0	M12 CHZ-402C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load stroke rate (spm)	0 - 3000	0 - 3000
Stroke length (mm)	15.9	15.9
Weight with battery pack (kg)	–	1.6
Supplied in	–	Kitbox
Article Number	4933446960	4933446950
EAN Code	4002395005727	4002395005710

## C12 HZ

### M12™ SUB COMPACT HACKZALL™



- Milwaukee® high performance compact one handed use hack saw, measuring only 280 mm in length, making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Low vibration at 10.5 m/s<sup>2</sup>
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	C12 HZ-0	C12 HZ-202C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	2.0
No. of batteries supplied	0	2
Charger supplied	–	40 min
No load stroke rate (spm)	0 - 3000	0 - 3000
Stroke length (mm)	13	13
Weight with battery pack (kg)	–	1.2
Supplied in	–	Kitbox
Article Number	4933411925	4933441195
EAN Code	4002395236367	4002395001200

## M12 CCS44

### M12 FUEL™ COMPACT CIRCULAR SAW



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 2x longer motor life and up to 2x more cuts per charge
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 50° bevel capacity
- Magnesium upper and lower guards provide best in class durability for impact resistance
- Magnesium shoe reduces weight and maximises durability
- Integrated dust blower keeps cut line clear
- LED light illuminates the cut line
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 CCS44-0	M12 CCS44-402C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	3600	3600
Max. cutting depth 90° (mm)	44	44
Max. cutting depth 45° (mm)	33	33
Blade diameter (mm)	140	140
Bore size (mm)	20	20
Weight with battery pack (kg)	-	2.7
Supplied in	-	Kitbox
Article Number	4933448225	4933448235
EAN Code	4002395262809	4002395262816

## M12 BS

### M12™ SUB COMPACT BANDSAW



- Compact light weight design for cutting with one hand overhead in existing installations and in tight spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Cuts a multitude of materials: steel, stainless steel, copper, plastic, aluminium
- Cold cutting - spark and burr free
- Clean cut - balanced handle design combined with 8-large ball bearing blade supports provide best in class cut quality
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with a 18 Tpi blade

	M12 BS-0	M12 BS-402C
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	0 - 85	0 - 85
Max. cutting capacity (mm)	41 x 41	41 x 41
Blade length (mm)	687.57	687.57
Weight with battery pack (kg)	-	3.2
Supplied in	-	Kitbox
Article Number	4933431310	4933441805
EAN Code	4002395242092	4002395002344

## C12 MT

### M12™ SUB COMPACT MULTI-TOOL RATCHET



- Versatile cordless solution for cutting and removal applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Variable speed (5000 - 20,000 rpm) and 1.5° left/right oscillation movement allows quick completion of professional applications into materials such as metal, wood and plastic
- Will accept competitor accessories
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with an adapter, plunge cut blade OSC 112, sanding backing pad, 5 x sanding sheets

	C12 MT-0	C12 MT-202B	C12 MT-402B
Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
Oscillation angle left/ right (°)	1.5	1.5	1.5
No load speed (rpm)	5000 - 20,000	5000 - 20,000	5000 - 20,000
Weight with battery pack (kg)	-	1.0	1.2
Supplied in	-	Tool bag	Tool bag
Article Number	4933427180	4933441710	4933441705
EAN Code	4002395239276	4002395002009	4002395001989

## M12 IR

### M12™ SUB COMPACT IMPACT RATCHET



- Best in class power and speed with 47 Nm of torque and a no load speed of 250 rpm
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Reinforced housing - provides high durability similar to steel ratchets
- Compact design - ideal for tight spaces and small engine bays
- Variable speed metal paddle switch trigger - provides greater user control during application
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 IR-201B 1/4	M12 IR-201B 3/8
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	1	1
Charger supplied	40 min	40 min
Tool reception	1/4" square	3/8" square
Max. torque (Nm)	40	47
No load speed (rpm)	0 - 250	0 - 250
Length (mm)	274	274
Weight with battery pack (kg)	0.9	0.9
Supplied in	Tool bag	Tool bag
Article Number	4933441725	4933441720
EAN Code	4002395002030	4002395002023

## M12 BPS

### M12™ SUB COMPACT POLISHER/SANDER



- Variable two speed selection (0-2800 / 0-8300 RPM) for both polishing and sanding applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Large capacity of 76 mm polishing sponge and 50 mm sanding pad size for fast job completion
- Long run time allows frequent task completion with one battery charge
- Compact design with only 130 mm allows access to hard areas
- Spindle lock allows fast, tool free accessory change
- Detachable 2 position side handle
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 BPS-0	M12 BPS-421X
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	1 x 2.0 & 1 x 4.0
No. of batteries supplied	0	2
Charger supplied	-	40 min
No load speed gear 1 (rpm)	0 - 2800	0 - 2800
No load speed gear 2 (rpm)	0 - 8300	0 - 8300
Disc diameter (mm)	76	76
Spindle size	M9 x 0.75	M9 x 0.75
Weight with battery pack (kg)	-	1.0
Supplied in	-	Kitbox
Article Number	4933447791	4933447799
EAN Code	4002395006557	4002395006564

## C12 RT

### M12™ SUB COMPACT ROTARY TOOL



- Versatile cordless solution for cutting and removal applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Variable speed (5000 - 32,000 rpm)
- 0.8 mm – 3.2 mm collet fits all current accessories in the market
- Spindle lock mechanism for easy accessory changes
- Superior ergonomics and lightweight
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Flexible battery system: works with all Milwaukee® M12™ batteries

	C12 RT-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	5000 - 32,000
Collet capacity (mm)	0.8 / 1.6 / 2.4 / 3.2
Weight with battery pack (kg)	0.6
Supplied in	-
Article Number	4933427183
EAN Code	4002395239030

## C12 PN

### M12™ SUB COMPACT PALM NAILER



- Professional power effectively drives 100 mm framing nails in less than 3 seconds
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Superior ergonomics – user-preferred palm style grip provides outstanding comfort and control
- Fits into locations where a hammer cannot be swung
- Increased run time: drives up to 100 x 90 mm nails on a single charge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Flexible battery system: works with all Milwaukee® M12™ batteries

	C12 PN-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Max. percussion rate (bpm)	2700
Max. nail size (mm)	90
Weight with battery pack (kg)	1.6
Supplied in	-
Article Number	4933427182
EAN Code	4002395239238

## C12 BL2

### M12™ PLUMB BOB LASER



- The first box laser on the market to integrate a power tool battery increasing the versatility and usage in conjunction with other tools in the range
- Increased accuracy over manual methods with levels of 0.2 mm per meter
- Automatic levelling to ± 0.2 mm per meter increases speed and accuracy
- High strength magnets located on the rear of the unit for use with metal stud work and tracking
- Out of level indicator: laser dot will blink to demonstrate that it is out of level by ± 4 degrees
- Easy use one button operation
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with a carrying pouch

	C12 BL2-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Laser classification	Class 2
Accuracy	± 0.2 mm over 1 m
Range (m)	30
Weight with battery pack (kg)	0.6
Supplied in	Tool bag
Article Number	4933416240
EAN Code	4002395236893

## C12 PXP

### M12™ SUB COMPACT UPONOR Q&E EXPANSION TOOL



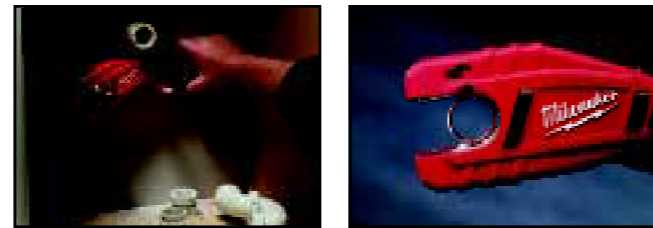
- Auto-rotating head 12 mm to 32 mm (6 bar) and to 25 mm (10 bar) provides accurate, one-handed expansion
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Quick cam mechanism - single pull, continuous action installs Q&E up to 4x faster
- Steel gears and integrated frame
- Right angle design for easy installation of Q&E fittings
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

C12 PXP-I06202C C12 PXP-I10202C C12 PXP-N202C

Voltage (V)	12	12	12
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0	2.0
No. of batteries supplied	2	2	2
Charger supplied	40 min	40 min	40 min
Stroke length (mm)	14	14	14
Speed (spm)	60	60	60
Included heads	16/ 20/ 25 mm	16/ 20/ 25 mm	15/18/22 mm
Weight with battery pack (kg)	1.9	1.9	1.9
Supplied in	Kitbox	Kitbox	Kitbox
Article Number	4933441715	4933441730	4933427277
EAN Code	4002395002016	4002395002047	4002395240067

## C12 PC

### M12™ SUB COMPACT COPPER PIPE CUTTER



- Milwaukee® high performance 500 rpm motor cuts 12 mm copper pipe in less than 3 seconds
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Auto locking cut mechanism cuts installed copper tubing with as little as 37 mm clearance
- Auto adjusting jaws – automatically adjust to pipe size
- All metals sealed front end – rust and corrosion resistant cut heat
- Slimline soft grip handle
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- Flexible battery system: works with all Milwaukee® M12™ batteries

C12 PC-0

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Copper tubes (mm)	12, 15, 18, 22, 25, 28
Minimum space for tube cutting (mm)	80
Length (mm)	360
Weight with battery pack (kg)	1.5
Supplied in	-
Article Number	4933411920
EAN Code	4002395236374

## C12 PPC

### M12™ SUB COMPACT PEX CUTTER



- Massive cutting pressure of 175 kg/cm<sup>2</sup>
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Powerful mechanism cuts up to 50 mm PVC pipe in 3 seconds
- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- Variable speed trigger for complete cut out control
- Super sharp blade for blur free cuts
- Highly efficient mechanism delivers over 200 cuts per charge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- Flexible battery system: works with all Milwaukee® M12™ batteries

C12 PPC-0

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Max. cutting capacity (mm)	50
No load speed (rpm)	0 - 500
Weight with battery pack (kg)	1.9
Supplied in	-
Article Number	4933416550
EAN Code	4002395237203

## M12 CC

### M12™ SUB COMPACT CABLE CUTTER



- Professional capacity Ø32 mm - powerful jaws cut effortlessly through large cable
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Extended run time - delivers up to 60 cuts of 4 x 35 mm<sup>2</sup> copper per charge
- Compact front end - goes straight to the cable in panels or electrical cabinets without long handles looping or ratcheting
- Superior cut quality - Milwaukee® designed blade geometry delivers a flat, round and installation ready cut
- Auto-release lever - provides the ability to cut, reload and quickly repeat
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light - added user convenience and illumination in low lit working conditions
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

M12 CC-0 M12 CC-21C

Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	1.5
No. of batteries supplied	0	1
Charger supplied	-	30 min
Max. cutting diameter (mm)	32	32
Cutting force (kN)	32	32
Speed settings	2	2
Weight with battery pack (kg)	-	3.0
Supplied in	-	Kitbox
Article Number	4933431600	4933431610
EAN Code	4002395242832	4002395242849

## M12 GG

### M12™ SUB COMPACT GREASE GUN



- Powerful 12 V motor delivers over 562 bar max operating pressure
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Best in class run time - dispenses up to 7 cartridges per charge
- Superior handle balance and ergonomics - only 355 mm long and 3.2 kg
- Air bleeder valve - priming mechanism for quick flow
- Integrated hose storage & shoulder strap loop - added user convenience and less down time
- Three way loading - bulk, cartridge and suction capable
- Grease capacity 400 ml cartridge, 473 ml bulk
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with 914 mm x 14.4 mm high pressure flex hose with spring guard and grease coupler

	M12 GG-0	M12 GG-401B
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	1
Charger supplied	-	80 min
Pressure (bar)	562	562
Weight with battery pack (kg)	-	3.2
Supplied in	-	Tool bag
Article Number	4933440435	4933441675
EAN Code	4002395000951	4002395001903

## M12 PCG/310

### M12™ SUB COMPACT CAULK GUN WITH 310 ML CARTRIDGE HOLDER



- Up to 1780 N of force
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all construction adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 PCG/310C-0	M12 PCG/310C-201B
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	40 min
Max. pushing force (N)	1780	1780
Speed settings	6	6
Standard equipment	310 ml cart. holder	310 ml cart. holder
Weight with battery pack (kg)	-	1.9
Supplied in	-	-
Article Number	4933441783	4933441655
EAN Code	4002395002269	4002395001866

## M12 PCG/400

### M12™ SUB COMPACT CAULK GUN WITH 400 ML TUBE



- Up to 1780 N of force
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all construction adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 PCG/400A-0	M12 PCG/400A-201B
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	40 min
Max. pushing force (N)	1780	1780
Speed settings	6	6
Standard equipment	400 ml alum. tube	400 ml alum. tube
Weight with battery pack (kg)	-	1.9
Supplied in	-	-
Article Number	4933441780	4933441665
EAN Code	4002395002276	4002395001860

## M12 PCG/600

### M12™ SUB COMPACT CAULK GUN WITH 600 ML TUBE



- Up to 1780 N of force
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all construction adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 PCG/600A-0	M12 PCG/600A-201B
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	40 min
Max. pushing force (N)	1780	1780
Speed settings	6	6
Standard equipment	600 ml alum. tube	600 ml alum. tube
Weight with battery pack (kg)	-	1.9
Supplied in	-	-
Article Number	4933441786	4933441670
EAN Code	4002395002283	4002395001897



# ALL SEASON SOLUTIONS FROM MILWAUKEE®



REDLITHIUM-ION™ 2.0/4.0/6.0Ah

## M12 HJ BL2

### M12™ PREMIUM HEATED JACKET

- Optimised insulation minimises weight while maximising heat retention
- 5 sewn in carbon fibre heating zones - distributes heat to core body areas and to the pockets
- Superior runtime - up to 8 hours of heat on a single battery charge and slimmer design
- Multiple heating zones - 5 sewn in carbon fibre heating zones
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- M12™ battery holder - sleek pocket design for minimal user interference
- USB power port to charge electrical devices - charge phones/MP3 players whilst on the move
- Hand pockets + added chest pocket - ideal for storing a mobile phone, iPod, MP3 player, etc.
- Water and wind resistant - provides comfort and durability in harsh environment
- Expandable battery pouch for use with all M12™ REDLITHIUM-ION™ battery packs
- Machine washable and dryable



**USB CHARGER:** Charges portable electronic devices. Fuel gauge displays remaining run time  
**INSULATION:** Improved insulation minimises weight while maximising heat retention  
**WASHER/DRYER SAFE:** All models are 100% machine washable and dryable  
**WIND/WATER RESISTANT:** Internal storm flap & thermal knit fleece inner lining  
**3-SETTINGS:** High, Medium, Low for optimal comfort  
**HEATING ZONES:** 5 sewn in carbon fibre heating zones  
**SUPERIOR RUN TIME:** up to 8 hours of heat on single battery charge

	M12 HJBL2-0 (S)	M12 HJBL2-0 (M)	M12 HJBL2-0 (L)	M12 HJBL2-0 (XL)	M12 HJBL2-0 (2XL)	M12 HJBL2-201 (S)	M12 HJBL2-201 (M)	M12 HJBL2-201 (L)	M12 HJBL2-201 (XL)	M12 HJBL2-201 (2XL)
Voltage (V)	12	12	12	12	12	12	12	12	12	12
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	-	-	-	-	2.0	2.0	2.0	2.0	2.0
No. of batteries supplied	0	0	0	0	0	1	1	1	1	1
Charger supplied	-	-	-	-	-	40 min	40 min	40 min	40 min	40 min
Size	S	M	L	XL	XXL	S	M	L	XL	XXL
Material	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester
Weight with battery pack (kg)	-	-	-	-	-	1.3	1.3	1.4	1.4	1.5
Supplied in	-	-	-	-	-	-	-	-	-	-
Article Number	4933451170	4933433778	4933433779	4933433776	4933451171	4933451183	4933447907	4933447908	4933447909	4933451184
EAN Code	4002395138395	4002395199822	4002395199839	4002395199808	4002395259625	4002395138715	4002395006687	4002395006694	4002395006700	4002395138722

## M12 HJ RED2

### M12™ PREMIUM HEATED JACKET

- Optimised insulation minimises weight while maximising heat retention
- 5 sewn in carbon fibre heating zones - distributes heat to core body areas and to the pockets
- Superior runtime - up to 8 hours of heat on a single battery charge and slimmer design
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- M12™ battery holder - sleek pocket design for minimal user interference
- USB power port to charge electrical devices - charge phones/MP3 players whilst on the move
- Hand pockets + added chest pocket - ideal for storing a mobile phone, iPod, MP3 player, etc.
- Water and wind resistant - provides comfort and durability in harsh environment
- Expandable battery pouch for use with all M12™ REDLITHIUM-ION™ battery packs
- Machine washable and dryable



**USB CHARGER:** Charges portable electronic devices. Fuel gauge displays remaining run time

**INSULATION:** Improved insulation minimises weight while maximising heat retention

**WASHER/DRYER SAFE:** All models are 100% machine washable and dryable

**WIND/WATER RESISTANT:** Internal storm flap & thermal knit fleece inner lining

**3-SETTINGS:** High, Medium, Low for optimal comfort

**HEATING ZONES:** 5 sewn in carbon fibre heating zones

**SUPERIOR RUN TIME:** up to 8 hours of heat on single battery charge

	M12 HJ RED2-0 (M)	M12 HJ RED2-0 (L)	M12 HJ RED2-0 (XL)	M12 HJ RED2-201 (M)	M12 HJ RED2-201 (L)	M12 HJ RED2-201 (XL)
Voltage (V)	12	12	12	12	12	12
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	-	-	2.0	2.0	2.0
No. of batteries supplied	0	0	0	1	1	1
Charger supplied	-	-	-	40 min	40 min	40 min
Size	M	L	XL	M	L	XL
Material	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester
Weight with battery pack (kg)	-	-	-	1.3	1.3	1.4
Supplied in	-	-	-	-	-	-
Article Number	4933443817	4933443820	4933443823	4933443833	4933443837	4933443841
EAN Code	4002395003877	4002395003884	4002395003891	4002395003938	4002395003952	4002395003969

## M12 HJ CM03

### M12™ PREMIUM HEATED CAMOUFLAGE JACKET

- Realtree AP™ pattern and specific fabric blend to reduce noise during movement
- 5 sewn in carbon fibre heating zones - distributes heat to core body areas and to the pockets
- Superior run time: up to 8 hours of continuous heat per battery charge
- Easy touch heat controller concealed inside the lapel + 3 heat settings + warm-up feature
- M12™ battery holder - sleek pocket design for minimal user interference
- USB power port to charge electrical devices - charge phones/MP3 players whilst on the move
- Water and wind resistant for a variety of weather conditions, ideal for cold weather activities
- Expandable battery pouch for use with all M12™ REDLITHIUM-ION™ battery packs
- Machine washable and dryable



**USB CHARGER:** Charges portable electronic devices. Fuel gauge displays remaining run time

**INSULATION:** Improved insulation minimises weight while maximising heat retention

**WASHER/DRYER SAFE:** All models are 100% machine washable and dryable

**WIND/WATER RESISTANT:** Internal storm flap & thermal knit fleece inner lining

**3-SETTINGS:** High, Medium, Low for optimal comfort

**HEATING ZONES:** 5 sewn in carbon fibre heating zones

**SUPERIOR RUN TIME:** up to 8 hours of continuous heat per battery charge

	M12 HJ CM03-0 (M)	M12 HJ CM03-0 (L)	M12 HJ CM03-0 (XL)	M12 HJ CM03-201 (M)	M12 HJ CM03-201 (L)	M12 HJ CM03-201 (XL)
Voltage (V)	12	12	12	12	12	12
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	-	-	2.0	2.0	2.0
No. of batteries supplied	0	0	0	1	1	1
Charger supplied	-	-	-	40 min	40 min	40 min
Size	M	L	XL	M	L	XL
Material	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester
Weight with battery pack (kg)	-	-	-	1.4	1.5	1.5
Supplied in	-	-	-	-	-	-
Article Number	4933443853	4933443856	4933443859	4933443869	4933443873	4933443877
EAN Code	4002395004027	4002395004034	4002395004041	4002395004089	4002395004102	4002395004126

## M12 HBW

### M12™ HEATED VEST

- Versatile, durable work vest with rib knit collar, riveted and taped hand pockets made from 900 denier ripstop polyester and an all-metal zipper
- Optimised fit maximises heating performance without constricting movement or limiting ability to layer underneath/over
- Superior runtime – up to 8 hours of heat on a single battery charge (2.0 Ah)
- Multiple heating zones - 3 sewn in carbon fibre heating zones distributes heat to core body areas
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- M12™ battery holder - concealed battery pocket for minimal user interference
- Water and wind resistant - provides comfort and durability in harsh environments
- Machine washable and dryable



**MATERIAL:** 900 denier rip stop polyester reinforces high wear zones  
**INSULATION:** High loft insulation  
**FLEECE:** Thermal fleece lining  
**WASHER/DRYER SAFE:** All models are 100% machine washable and dryable



**WIND/WATER RESISTANT:** Internal storm flap & thermal knit fleece inner lining  
**3-SETTINGS:** High, Medium, Low for optimal comfort  
**HEATING ZONES:** 3 sewn in carbon fibre heating zones  
**SUPERIOR RUN TIME:** up to 8 hours of heat on single battery charge

	M12 HBW-0 (S)	M12 HBW-0 (M)	M12 HBW-0 (L)	M12 HBW-0 (XL)	M12 HBW-0 (2XL)
Voltage (V)	12	12	12	12	12
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	-	-	-	-
No. of batteries supplied	0	0	0	0	0
Charger supplied	-	-	-	-	-
Size	S	M	L	XL	XXL
Material	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester
Weight with battery pack (kg)	1.0	1.0	1.1	1.1	1.1
Supplied in	-	-	-	-	-
Article Number	4933451165	4933451166	4933451167	4933451168	4933451169
EAN Code	4002395138340	4002395138357	4002395138364	4002395138371	4002395138388

## M12 HHGREY

### M12™ HEATED HOODIE

- Rugged heated hoodie made from durable cotton exterior and waffle-weave polyester lining to withstand tough outdoor conditions and keep heat close to the body
- In autumn and spring the hoodie can be worn as a rugged outer layer. In winter, it is best as a base layer that allows to shed bulky undergarments while generating and holding heat close to the body
- Superior runtime - up to 8 hours of heat on a single battery charge (2.0 Ah)
- Multiple heating zones - 3 sewn in carbon fibre heating zones distribute heat to core body areas
- Easy touch heat controller - 3 heat settings: High, Medium, Low
- M12™ battery holder - battery located in an easy to reach pocket inside of hoodie for increased comfort and convenience
- Hood fits easily over hard hat



**INSULATION:** Durable cotton exterior with 280 g of cotton and waffle weave thermal liner  
**WASHER/DRYER SAFE:** All models are 100% machine washable and dryable  
**3-SETTINGS:** High, Medium, Low for optimal comfort  
**HEATING ZONES:** 3 sewn in carbon fibre heating zones  
**SUPERIOR RUN TIME:** up to 8 hours of heat on single battery charge

	M12 HHGREY-0(S)	M12 HHGREY-0(M)	M12 HHGREY-0(L)	M12 HHGREY-0(XL)	M12 HHGREY-0(XXL)
Voltage (V)	12	12	12	12	12
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	-	-	-	-
No. of batteries supplied	0	0	0	0	0
Charger supplied	-	-	-	-	-
Size	S	M	L	XL	XXL
Material	Outer shell: 53% Cotton 47% Polyester, Inner shell: 60% Cotton 40% Polyester	Outer shell: 53% Cotton 47% Polyester, Inner shell: 60% Cotton 40% Polyester	Outer shell: 53% Cotton 47% Polyester, Inner shell: 60% Cotton 40% Polyester	Outer shell: 53% Cotton 47% Polyester, Inner shell: 60% Cotton 40% Polyester	Outer shell: 53% Cotton 47% Polyester, Inner shell: 60% Cotton 40% Polyester
Weight with battery pack (kg)	1.1	1.1	1.1	1.2	1.2
Supplied in	-	-	-	-	-
Article Number	4933443813	4933451272	4933451274	4933451276	4933451278
EAN Code	4002395003860	4002395169832	4002395169856	4002395169870	4002395169894

## M12 HPT

### M12™ SUB COMPACT FORCE LOGIC™ HYDRAULIC PRESS TOOL

- The industry's smallest, lightest press tool: weighs only 1.8 kg for greater user comfort
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Patented one hand operation allows to work in restricted areas
- Battery-tool communication: press operation doesn't start to prevent incomplete pressing in case of low charged battery. Pre-press battery check ensures enough charge to complete each press
- Service intervals: advanced electronics count cycles and notify users when tool reaches calibration intervals
- 4-step and precise battery status indicator
- Press indicator: provides visual confirmation of a quality connection
- Long-term reliability: goes an industry-leading 40,000 cycles between calibration inspections - the tool will not stop working after reaching 40,000 cycles
- Outstanding pressing range up to 35 mm metal- and 40 mm composite pipes
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries



	M12 HPT-202C	M12 HPT-202C M-KIT	M12 HPT-202C V-KIT	M12 HPT-202C TH-KIT	M12 HPT-202C U-KIT
Voltage (V)	12	12	12	12	12
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0	2.0	2.0	2.0
No. of batteries supplied	2	2	2	2	2
Charger supplied	40 min	40 min	40 min	40 min	40 min
Press cycles	40,000	40,000	40,000	40,000	40,000
Weight with battery pack (kg)	1.8	1.8	1.8	1.8	1.8
Standard equipment	-	3 x M-profile jaws (15/22/28 mm)	3 x V-profile jaws (15/22/28 mm)	3 x TH-profile jaws (16/20/32 mm)	3 x U-profile jaws (16/20/25 mm)
Supplied in	Kitbox	Kitbox	Kitbox	Kitbox	Kitbox
Article Number	4933443085	4933443095	4933443100	4933443105	4933443110
EAN Code	4002395003037	4002395003044	4002395003051	4002395003068	4002395003075

Jaw profile	Fits to following pipe system suppliers	Nominal size	Article Number	EAN Code	
M	Geberit: Mapress VSH: X-Press Eurotubi Raccorderie Metallique Rubinetteria Bresciane Sanha: Nirosoan Pegler Yorkshire	M12	4932430243	4002395379040	
		M15	4932430245	4002395379064	
		M18	4932430247	4002395379088	
		M22	4932430249	4002395379101	
		M28	4932430251	4002395379125	
		M35	4932430253	4002395379149	
V	Viega Comap IBP Sanha: Nirosoan	V12	4932430260	4002395379217	
		V15	4932430262	4002395379231	
		V18	4932430264	4002395379255	
		V22	4932430266	4002395379279	
		V28	4932430268	4002395379293	
		V35	4932430270	4002395379316	
TH	ALB Comap Frankische Henco (TH14 - TH25 only) JPA Sanha Tiemme	TH14	4932430274	4002395379354	
		TH16	4932430276	4002395379378	
		TH18	4932430278	4002395379392	
		TH20	4932430280	4002395379415	
		TH25	4932430282	4002395379439	
		TH26	4932430283	4002395379446	
		TH32	4932430285	4002395379460	
		TH40	4932430287	4002395379484	
U	ALB Uponor: Unipipe, Airpipe Kan: Kan-therm Wavin: Press-Systeme Frankische: Alpex F50 Profi DW Verbundrohr Multitubo IBP: >B<-Flex KE Kelit: Kelit Kelox Jupiter: Heizsystem	U14	4932430291	4002395379521	
		U16	4932430293	4002395379545	
		U18	4932430295	4002395379569	
		U20	4932430297	4002395379583	
		U25	4932430299	4002395379606	
		U32	4932430301	4002395379620	
		U40	4932430303	4002395379644	

## C12 JSR

### M12™ SUB COMPACT RADIO WITH MP3 PLAYER CONNECTION



- Advanced technology tuner for high reception and clarity
- Powers from either M12™ battery or 230 V mains supply
- At least 8 hour run time on a M12™ Milwaukee® battery
- Weather sealed auxiliary compartment protects Mp3 players and other audio devices
- Digital display tuner for accurate signal selection
- Mute button for instant volume kill
- 220 - 240 V power adapter, 3.5 mm jack plug for auxiliary connection, i.e. iPods

	C12 JSR-0
Voltage (DC) (V)	12
Voltage (AC) (V)	220-240
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Dimensions (mm)	267 x 102 x 178
Weight (kg)	1.8
Supplied in	-
Article Number	4933416365
EAN Code	4002395237098

## M12 JSSP

### M12™ JOBSITE BLUETOOTH® SPEAKER

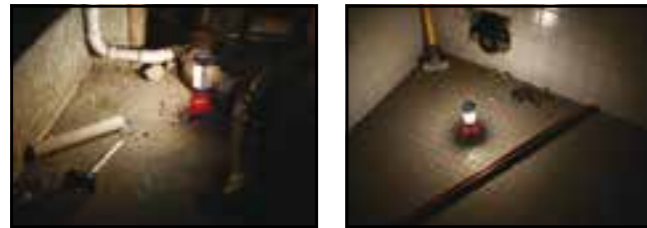


- Advanced technology Bluetooth® jobsite speaker
- Connect wirelessly with portable electronic devices from up to 10 m away
- Loud, clear sound at all volumes
- Premium speaker with bass port
- Drop, water and debris resistant to withstand tough conditions on and off the jobsite
- Rugged over mould, metal speaker grill
- 2.1 A USB charger, charges phones, tablets and media players
- Up to 25 hrs run time per charge with M12™ 4.0 Ah battery

	M12 JSSP-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Dimensions (mm)	105.5 x 153
Speaker output (W)	5
Weight (kg)	0.5
Supplied in	-
Article Number	4933448380
EAN Code	4002395262892

## M12 LL

### M12™ TRUEVIEW™ LANTERN LIGHT



- TRUEVIEW™ HIGH OUTPUT LIGHTING solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day. Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today
- 180° - 360° adjustable beam - versatile design, allows the user to select between area lighting and task lighting
- Best-in-class performance - unmatched light output 400+ Lumens, designed to illuminate large areas
- High powered USB charger charges tablets, smart phones, MP3 players and other electronic devices
- Job site durability - rugged designed with impact resistant lens to withstand abusive job site conditions
- 4 light settings - provides 400 Lumens on High & Strobe (100%), 200 Lumens on Medium (50%), 40 Lumens on Low (10%)
- Up to 8 hours of run time with a M12™ REDLITHIUM-ION™ 4.0 Ah battery pack on High light setting
- 2 hooks for hanging
- Protected against splashing water at all angles (IP24)

	M12 LL-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	400 / 200 / 40 / 400
Beam distance (m)	23
Weight with battery pack (kg)	0.9
Supplied in	-
Article Number	4932430562
EAN Code	4002395382231

## M12 TLED

### M12™ LED TORCH



- The 120 Lumen LED light is 2x brighter and whiter than conventional incandescent bulbs
- M12™ LED electronics deliver 2x longer run time on a single charge with less heat
- Sealed aluminum head is designed for impact- and weather-resistant durability
- 90° rotating head allows the user to easily direct the light beam at the desired work area
- Magnetic back for hands-free use
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 TLED-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	120 / - / - / -
Weight with battery pack (kg)	0.5
Supplied in	-
Article Number	4932430360
EAN Code	4002395380213

## M12 SL

### M12™ TRUEVIEW™ STICK LIGHT

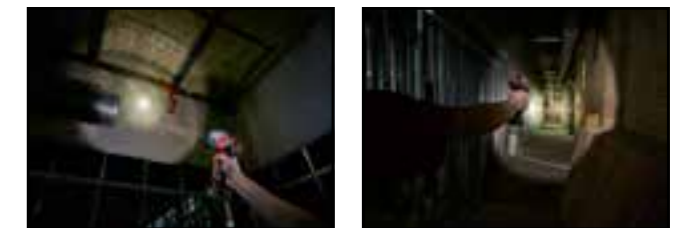


- TRUEVIEW™ HIGH OUTPUT LIGHTING solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day. Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today
- Powerful three LED design provides 220 Lumens
- Removable lens plate allows the user to replace lens plate when damaged instead of replacing entire unit
- Adjustable metal hook allows for light to be hung in multiple orientations when being used
- Compact design - operates in locations other lights cannot
- Optional accessory - accessory magnet available
- Flexible battery system: works with all Milwaukee® M12™ batteries

	M12 SL-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	220 / - / - / -
Weight with battery pack (kg)	0.5
Supplied in	-
Article Number	4932430178
EAN Code	4002395378395

## M12 SLED

### M12™ TRUEVIEW™ LED SPOT LIGHT



- TRUEVIEW™ HIGH OUTPUT LIGHTING solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day. Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today
- Up to 35% longer beam distance than competition - 650 m intense and highly focused beam of light with 750 Lumens on High and 350 Lumens on Low mode
- Especially useful for long range identification - utility pole/high voltage cable inspection, inspection of long runs of conduit, cast or copper pipe, under ground work, bridge work
- Metal housing and impact resistant polycarbonate lens with gasketed rubber cap which protects from moisture for harsh jobsite conditions
- Milwaukee® designed reflector - produces narrow centre beam with wide peripheral beam
- Ergonomic grip with rubber overmold - enhances user comfort and grip during use
- 45° rubber overmold stand for aiming beam upward during prolonged use when the light is equipped with an M12™ REDLITHIUM-ION™ 2.0 Ah battery pack
- Up to 8 hours of runtime with an M12™ REDLITHIUM-ION™ 4.0 Ah battery pack
- Dual function trigger allows momentary or lock-on use
- Battery fuel gauge displays battery status
- Hand wrist lanyard to keep the light safe and handy

	M12 SLED-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M12
Battery compatibility	All Milwaukee® M12™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	750 / - / 350 / 750
Weight with battery pack (kg)	0.8
Supplied in	Blister
Article Number	4933451261
EAN Code	4002395170159

## M12 TI

### M12™ THERMAL IMAGE CAMERA



- Crisp, high resolution 160 x 120 pixel thermal images for better definition and clarity
- Broader temperature range (-10 to 350°C) to cover more applications
- Capture thermal and visual images on every trigger pull for enhanced reporting
- Complete report software to easily analyse images
- Built-in visual camera and flashlight for improved analysis
- No blur, no wait display updates the screen image 60 times a second
- Rugged over-moulding for increased durability and grip
- 5x faster battery change over closest competitor
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with thermal imager report software, 2 GB SD card, USB cable and SD card reader

	M12 TI-201C
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	2.0
No. of batteries supplied	1
Charger supplied	40 min
Temperature range (°C)	-10 - +350
Basic accuracy (%)	2
Display	Color LCD
Display size (mm)	640 x 480
Display resolution (pixels)	160 x 120
IP protection class	54
Weight with battery pack (kg)	1.0
Supplied in	Kitbox
Article Number	4933441841
EAN Code	4002395002405

## M12 IC

### M12™ SUB COMPACT M-SPECTOR™ 360° CAMERA



- Rotating screen: screen rotates 270 degrees providing the user fluid image control
- Optimised 68.6 mm LCD: digital image and larger screen delivers crisp, clear picture
- 9 mm 640 x 480 digital image sensor: superior image quality in nearly half the size
- 4 surround LED lights: best in class brightness without shadow or glare
- Enhanced cable: aluminium head and improved flexibility deliver unmatched durability and pipe manoeuvrability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Accessories: hook, magnet, and mirror attachments help to inspect and solve

	M12 IC-0 (S)	M12 IC-201C (S)
Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	40 min
Display size (mm)	68	68
Display resolution (pixels)	320 x 240	320 x 240
Camera head diameter (mm)	9	9
Camera cable length (mm)	914	914
Weight with battery pack (kg)	-	0.6
Supplied in	-	Kitbox
Article Number	4933431615	4933441680
EAN Code	4002395241774	4002395001910

## C12 CMH

### M12™ CLAMP GUN FOR HVAC/R



- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED flood light – lights the work area
- Simplified user interface and feature set specifically tailored to the HVAC technician
- Ergonomic pistol grip design for ease of use
- Thin jaw profile for access to tight spaces
- Includes temperature function via thermocouple
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with electrical test lead set and thermocouple (dual banana)

	C12 CMH-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Jaw size (mm)	40
Current AC/ DC (amps)	600
Voltage AC/DC (V)	1000
Resistance (kΩ)	600
Continuity	Audible
Capacitance (µF)	4000
Contact temperature (°C)	-40 - +400
Weight with battery pack (kg)	0.8
Supplied in	Kitbox
Article Number	4933416979
EAN Code	4002395238095

## C12 LTGE

### M12™ LASER TEMPERATURE GUN



- 40:1 distance to spot ratio measures a 1 cm spot from 40 cm away
- Rugged over-moulding for increased durability and grip
- High contrast, easy to read display provides clearer readings
- Built in LED light illuminates the work surface
- Ergonomic pistol grip design for ease of use
- Simplified interface & feature set
- In addition to displaying the absolute temperature the unit also records the MIN/MAX/AVG temperature on each reading
- Specifically tailored to electricians
- High accuracy measurements
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with thermocouple (k type)

	C12 LTGE-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Temperature range (°C)	-30 - +800
Basic accuracy (%)	1.5
Contact temperature (°C)	-40 - +550
Accuracy	0.1 °C (0.1 °F)
Response time (msec)	<500
Emissivity	0.10 - 1.00
Weight with battery pack (kg)	0.5
Supplied in	Kitbox
Article Number	4933416977
EAN Code	4002395238071

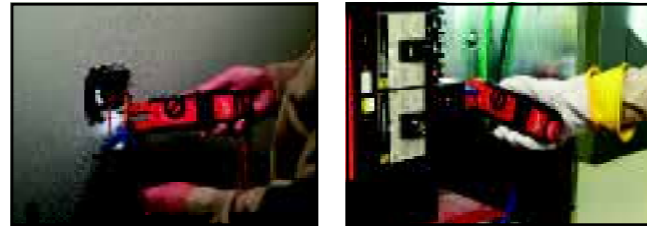
## C12 FM M12™ FORK METER



- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light - lights the work area
- Side mounted dial for one-handed use
- Simplified user interface and feature set specifically tailored to the electrician
- Flexible battery system: works with all Milwaukee® M12™ batteries
- Supplied with electrical test lead set

	C12 FM-0
Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
Fork opening (mm)	16
Current AC/ DC (amps)	200
Voltage AC/DC (V)	1000
Lo-Z measurement	Yes
Resistance (kΩ)	4
Continuity	Audible
Weight with battery pack (kg)	0.4
Supplied in	Tool bag
Article Number	4933427200
EAN Code	4002395239214

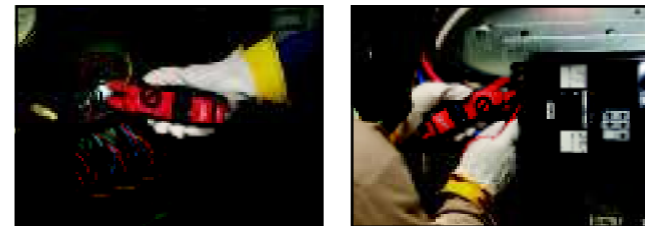
## 2205-40 FORK METER FOR ELECTRICIANS



- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Simplified user interface and feature set specifically tailored to the electrician
- Supplied with electrical test lead set and 2 x AA batteries

	2205-40
Fork opening (mm)	16
Current AC (amps)	200
Voltage (AC) (V)	1000
Voltage (DC) (V)	1000
Lo-Z measurement	Yes
Resistance (kΩ)	4
Continuity	Audible
Battery type	2 x AA
Weight with battery pack (kg)	0.3
Supplied in	Tool bag
Article Number	4933416972
EAN Code	4002395238026

## 2206-40 FORK METER FOR HVAC/R



- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Simplified user interface and feature set specifically tailored to the HVAC technician
- Supplied with electrical test lead set, thermocouple (dual banana) and 2 x AA batteries
- Includes temperature function via thermocouple

	2206-40
Fork opening (mm)	16
Current AC (amps)	200
Voltage (AC) (V)	1000
Voltage (DC) (V)	1000
Resistance (kΩ)	4
Continuity	Audible
Capacitance (µF)	1000
Contact temperature (°C)	-40 - +400
Battery type	2 x AA
Weight with battery pack (kg)	0.3
Supplied in	Tool bag
Article Number	4933416973
EAN Code	4002395238033

## 2210-20 FLUORESCENT LIGHT TESTER



- Test lamps, ballast and pins: complete 3-in-1 solution
- Tests T5, T8 and T12 florescent lamps, compatible with electronic ballasts and dual pins
- 750 mm fully retractable antenna for extended reach when testing
- Non-conductive antenna sleeve allows for safe testing
- Removable antenna adapter improves lamp test response
- Visual and audible tool feedback to easily confirm testing
- Built-in LED flashlight illuminates dark work spaces
- Dial and buttons positioned for one-handed use
- Rugged over-moulding for increased grip and durability
- Battery life 35 hours, auto battery turn off after 20 min

	2210-20
Battery type	4 x AA
Max. antenna output in LAMP test mode (V)	3000
Min. antenna sensitivity in BALLAST test mode (mm)	25
Max. PIN test capacity (V)	30
Weight with battery pack (kg)	0.4
Supplied in	–
Article Number	4933433775
EAN Code	4002395199983

## 2212-20

### TESTER AUTOMATICO VOLTAGGIO/ CONTINUITÀ



- Fornisce misurazioni precise fino ai decimali e le mostra su un display LCD retroilluminato di facile lettura
- Il tester passa automaticamente dalla funzione Test Voltaggio alla funzione Test Continuità, nel momento in cui viene rilevata tensione pari a 0
- Fornito con clip di aggancio
- LED integrato per aree di lavoro a bassa illuminazione
- Indicatori audio e doppio LED per rapida ed immediata consultazione del risultato
- Puntali sostituibili
- Scocca esterna di protezione adatta per usi in cantiere
- Classe di sicurezza CAT IV 600V

	2212-20
Voltaggio AC/DC (V)	600
Range di temperatura (°C)	0 - 50
Classe di sicurezza	CAT IV 600V
Continuità udibile	Si
Tipo batteria	2 x AAA
Peso con il pacco batteria (kg)	0.3
Fornibile in	Gift box
Codice prodotto	4933447776
Codice EAN	4002395006526

## 2216-40

### MULTIMETRO PROFESSIONALE



- Il TRMS garantisce una lettura accurata
- Classe di sicurezza CAT III 600 V
- Gommatura per una maggior durata e grip
- Comandi laterali per uso con una sola mano
- Set di funzionalità ideali per l'elettricista
- Resistenza da 600 Ohm a 40 MOhm
- Fornito con set test di tensione e 2 batterie AA

	2216-40
Corrente AC / DC (amp)	10
Voltaggio (AC) (V)	6.00 mV - 600
Voltaggio (DC) (V)	600
Misurazione Lo-Z	No
Resistenza (kΩ)	40,000
Continuità udibile	Si
Frequenza (Hz)	10 Hz - 50 kHz
Tipo batteria	2 x AA
Peso con il pacco batteria (kg)	0.4
Fornibile in	-
Codice prodotto	4933427309
Codice EAN	4002395240128

## 2217-40

### MULTIMETRO DIGITALE



- Il TRMS garantisce una lettura accurata
- Display ad alto contrasto per una immediata lettura
- Classe di sicurezza CAT III 600 V
- Comandi laterali per uso con una sola mano
- Set di funzionalità ideali per l'elettricista
- La funzione Lo-Z consente una lettura dei dati precisa e senza interferenze
- Misurazione temperatura a contatto
- Guida di scorrimento per il montaggio degli accessori
- Fornito con set test di tensione, termocoppia e 2 batterie AA

	2217-40
Corrente AC / DC (amp)	10
Voltaggio AC/DC (V)	600
Misurazione Lo-Z	Si
Resistenza (kΩ)	40,000
Continuità udibile	Udibile
Capacità (μF)	1000
Temperatura di contatto (°C)	-40 - +538
Frequenza (Hz)	2.00 HZ - 50.00 kHz
Tipo batteria	2 x AA
Peso con il pacco batteria (kg)	0.4
Fornibile in	Borsa
Codice prodotto	4933416976
Codice EAN	4002395238064

## 2231-20

### MULTIMETRO PER CONTROLLO PROCESSO MILLIAMP



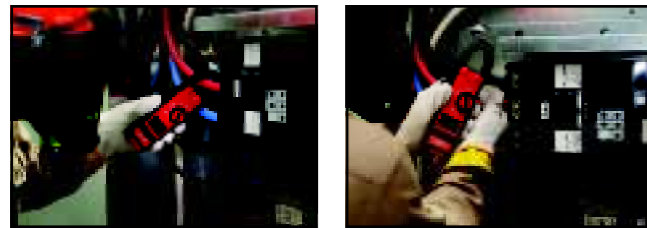
- La pinza consente di misurare il segnale (4-20 mA) senza interrompere il loop
- Misura da 0 a 99 mA, coprendo la maggior parte dei segnali
- Pinza di piccole dimensioni per poter effettuare il controllo anche in spazi ristretti
- Lungo cavo per una maggiore maneggevolezza
- Alloggiamento per la pinza incorporato
- Display bianco/nero ad elevato contrasto per una facile lettura dei dati
- Semplice interfaccia
- Luce incorporata
- Fornito con 2 batterie AA

	2231-20
Corrente DC (amp)	0.1
Accuratezza (%)	0.2
Tipo batteria	2 x AA
Diametro max cavo (mm)	6
Fornibile in	-
Peso con il pacco batteria (kg)	0.4
Codice prodotto	4933443361
Codice EAN	4002395003785



## 2235-40

### LIGHT COMMERCIAL CLAMP METER

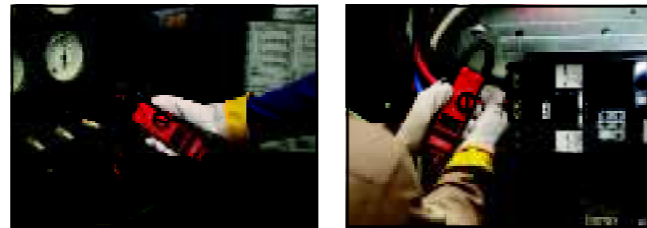


- TRMS always guarantees accurate readings
- CAT III 600 V for increased safety
- Rugged over-moulding increases durability and user grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Thin jaw profile for easier wire measurement in panels or in bundles
- Supplied with electrical test lead set and 2 x AA batteries

	2235-40
Jaw size (mm)	25
AC Amps (A)	400
Voltage AC/DC (V)	600
Lo-Z measurement	No
Resistance (kΩ)	4
Continuity	Yes
Battery type	2 x AA
Weight with battery pack (kg)	0.3
Supplied in	Tool bag
Article Number	4933427315
EAN Code	4002395240135

## 2236-40

### CLAMP METER FOR HVAC/R

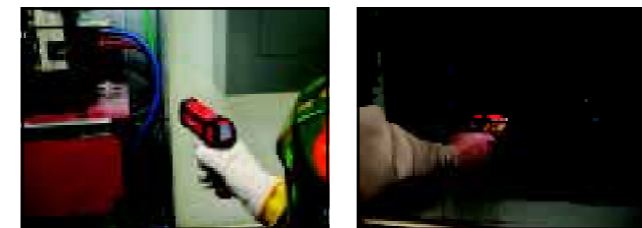


- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Thin jaw profile for access to tight spaces
- Simplified user interface and feature set specifically tailored to the HVAC technician
- Supplied with electrical test lead set, thermocouple (dual banana) and 2 x AA batteries
- Includes temperature function via thermocouple

	2236-40
Jaw size (mm)	32
Current AC/ DC (amps)	600
Voltage AC/DC (V)	600
Lo-Z measurement	No
Resistance (kΩ)	6
Continuity	Yes
Capacitance (μF)	4000
Contact temperature (°C)	-40 - +400
Battery type	2 x AA
Weight with battery pack (kg)	0.4
Supplied in	Tool bag
Article Number	4933416975
EAN Code	4002395238057

## 2266-20

### LASER TEMPERATURE GUN



- 12:1 distance to spot ratio, a 1 m spot from 12 m away
- High contrast, easy to read display provides clearer readings
- Rugged over-moulding for increased durability and grip
- Thermocouple input for contact temperature measurement
- AA batteries included

	2266-20
Temperature range (°C)	-30 - +500
Basic accuracy (%)	1.5
Contact temperature (°C)	-40 - +450
Repeatability (%)	0.50
Accuracy	0.1 °C (0.1 °F)
Response time (msec)	<500
Emissivity	0.95
Battery type	3 x AA
Weight with battery pack (kg)	0.3
Supplied in	-
Article Number	4933416971
EAN Code	4002395238019

## 2270-20

### CONTACT TEMP METER



- Measures temperatures from +1371°C to -200°C to cover most common applications
- Dual temperature measurement for faster measurement of heating and cooling systems
- Timer function for easy tracking of minimum, maximum and average temperatures over time
- Accurate to 0.1% of reading ± 0.7°C for correct measurements every time
- Hold button for capturing on screen readings
- High contrast white on black display for easy reading in all conditions
- Magnet strap for hanging meter in all applications
- Rugged over-moulding improves grip and durability
- Supplied with 2 x K-type thermocouples, 3 x AA batteries, magnetic strap

	2270-20
Contact temperature (°C)	1371 - -200
Basic accuracy (%)	0.1
Battery type	3 x AA
Weight with battery pack (kg)	0.5
Supplied in	-
Article Number	4933443351
EAN Code	4002395003778

## 2200-40 VOLTAGE DETECTOR



- Wide 50 - 1000 AC voltage range
- CAT IV 1000 V for highest safety rating
- Tip for checking outlets
- Green light indicates tool is on
- Loud beeper indicates voltage
- Blinking red light indicates voltage
- On/Off button
- Pocket clip for easy storage

	2200-40
Voltage (AC) (V)	50 - 1000
Safety rating	CAT IV 1000 V
Battery type	2 x AAA
Weight with battery pack (kg)	0.4
Supplied in	-
Article Number	4932352561
EAN Code	4002395372195

## LDM 80 LASER DISTANCE METER



- Point and shoot system - one person measuring with only one simple press of a button
- Area/volume/indirect height and width measurement
- Min/Max sweep & continuous tracking
- Stake out function for layouting
- Pythagoras 2-point, 3-point, partial height
- Inclination sensor up to 360° angles
- Calculator plus/minus
- Large and easy to read 4 line LCD graphical display with automatic white backlight
- Fold-out end piece for making measurements from edges or corners
- Memory recall the last 20 measurements
- Units of measure can be switched between meters or ft/inches
- IP54 water & dust protection
- Auto shut off and low power indication
- Nylon pouch with belt latch for easy transport

	LDM 80
Max. measurement range (m)	80
Accuracy (mm/m)	± 1.5
Laser classification	Class 2
Dimensions (mm)	117 x 57 x 32
Range (m)	0.05 - 80
Battery type	2 x AAA
Weight with battery pack (kg)	0.1
Pythagoras function	2-point, 3-point, partial height
Inclination sensor	Yes
Height tracking	Yes
Supplied in	Tool bag
Article Number	4933446125
EAN Code	4002395004737

## LDM 60 LASER DISTANCE METER



- Point and shoot system - one person measuring with only one simple press of a button
- Area/volume/indirect height and width measurement
- Min/Max sweep & continuous tracking
- Stake out function for layouting
- Pythagoras 2-point, 3-point
- Calculator plus/minus
- Large and easy to read 3 line LCD graphical display with automatic white backlight
- Fold-out end piece for making measurements from edges or corners
- Memory recall the last 10 measurements
- Units of measure can be switched between meters or ft/inches
- IP54 water & dust protection
- Auto shut off and low power indication
- Nylon pouch with belt latch for easy transport

	LDM 60
Max. measurement range (m)	60
Accuracy (mm/m)	± 1.5
Laser classification	Class 2
Dimensions (mm)	117 x 57 x 32
Range (m)	0.05 - 60
Battery type	2 x AAA
Weight with battery pack (kg)	0.1
Pythagoras function	2-point, 3-point
Inclination sensor	No
Height tracking	No
Supplied in	Tool bag
Article Number	4933446110
EAN Code	4002395004720

## LDM 50 LASER DISTANCE METER



- Easy to use one person point and shoot system
- Very slim housing design with belt clip for easy transport
- Area/volume/indirect height and patent pending surface measurement
- Min/Max sweep & continuous tracking
- Distance addition & subtraction for layouting
- Indirect height measurements (Pythagoras 2-point, 3-point, partial height)
- Large 3 line LCD graphical display with automatic white backlight
- Fold-out end piece for diagonal corner measurements
- Memory recall for the last 20 measurements
- IP54 water & dust protection
- Auto shut off and low power indication
- Metric units of measurement only

	LDM 50
Max. measurement range (m)	50
Accuracy (mm/m)	± 1.5
Laser classification	Class 2
Dimensions (mm)	119 x 40 x 32
Range (m)	0.05 - 50
Battery type	2 x AAA
Weight with battery pack (kg)	0.1
Pythagoras function	2-point, 3-point, partial height
Inclination sensor	No
Height tracking	No
Supplied in	-
Article Number	4933447700
EAN Code	4002395006540

## M12 PP2A

### M12 FUEL™ POWERPACK

- M12 CPD - M12 FUEL™ compact 2-speed percussion drill
- M12 CID - M12 FUEL™ compact 1/4" hex impact driver



**M12 PP2A-202C**    **M12 PP2A-402C**

Voltage (V)	12	12
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	4.0
No. of batteries supplied	2	2
Charger supplied	40 min	80 min
Supplied in	Kitbox	Kitbox
Article Number	4933440900	4933440992
EAN Code	4002395000449	4002395000562

## M12 CPP2B

### M12™ POWERPACK

- M12 CPD - M12 FUEL™ compact 2-speed percussion drill
- M12 CH - M12 FUEL™ compact SDS hammer



**M12 CPP2B-402C**

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	4.0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Kitbox
Article Number	4933447479
EAN Code	4002395006939

## M12 BPP2D

### M12™ POWERPACK

- M12 BDD - M12™ sub compact drill driver
- C12 MT - M12™ sub compact multi-tool



**M12 BPP2D-402B**

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	4.0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Tool bag
Article Number	4933441250
EAN Code	4002395001316

## M12 BPP3A

### M12™ POWERPACK

- M12 BDD - M12™ sub compact drill driver
- M12 BID - M12™ sub compact impact driver
- M12 TLED - M12™ LED torch



**M12 BPP3A-202B**

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	2.0
No. of batteries supplied	2
Charger supplied	40 min
Supplied in	Tool bag
Article Number	4933441225
EAN Code	4002395001262

## M12 BPP2B

### M12™ POWERPACK

- M12 BPD - M12™ sub compact percussion drill
- M12 BID - M12™ sub compact impact driver



**M12 BPP2B-421C**

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	1 x 2.0 & 1 x 4.0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Kitbox
Article Number	4933443497
EAN Code	4002395004614

## M12 BPP2C

### M12™ POWERPACK

- M12 BDD - M12™ sub compact drill driver
- C12 HZ - M12™ sub compact hackzall™



**M12 BPP2C-402B**

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	4.0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Tool bag
Article Number	4933441230
EAN Code	4002395001279

## M12 BPP4A

### M12™ POWERPACK

- M12 BDD - M12™ sub compact drill driver
- M12 BID - M12™ sub compact impact driver
- C12 HZ - M12™ sub compact hackzall™
- M12 TLED - M12™ LED torch



**M12 BPP4A-202B**

Voltage (V)	12
Battery type	Li-ion
Battery pack capacity (Ah)	2.0
No. of batteries supplied	2
Charger supplied	40 min
Supplied in	Tool bag
Article Number	4933441240
EAN Code	4002395001293



**C14 DD**

**M14™ COMPACT DRILL DRIVER**



- Compact drill driver with reduced length and girth, making it ideal for working in restricted areas
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear box delivers maximum performance and long life
- 450/ 1600 rpm delivers 45 Nm of torque
- 23 stage torque adjustment plus additional drilling for maximum flexibility
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Built in LED light illuminates the work surface
- Fuel gauge displays remaining battery charge state
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	C14 DD-22C	C14 DD-402C
Voltage (V)	14.4	14.4
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	1.5	4.0
No. of batteries supplied	2	2
Charger supplied	30 min	80 min
No load speed gear 1 (rpm)	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1600	0 - 1600
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	35	35
Max. drilling steel (mm)	13	13
Max. torque (Nm)	45	45
Weight with battery pack (kg)	1.8	2.0
Supplied in	Kitbox	Kitbox
Article Number	4933416990	4933443782
EAN Code	4002395237357	4002395003815

**C14 PD**

**M14™ COMPACT PERCUSSION DRILL**



- Compact percussion drill with reduced length and girth, making it ideal for working in restricted areas
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear box delivers maximum performance and long life
- 450/ 1600 rpm delivers 45 Nm of torque
- 23 stage torque adjustment plus additional drilling for maximum flexibility
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Built in LED light illuminates the work surface
- Fuel gauge displays remaining battery charge state
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies

	C14 PD-22C	C14 PD-402C
Voltage (V)	14.4	14.4
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	1.5	4.0
No. of batteries supplied	2	2
Charger supplied	30 min	80 min
No load speed gear 1 (rpm)	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1600	0 - 1600
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	35	35
Max. drilling steel (mm)	13	13
Max. drilling masonry (mm)	13	13
Max. percussion rate (bpm)	27,200	27,200
Max. torque (Nm)	45	45
Weight with battery pack (kg)	1.9	2.2
Supplied in	Kitbox	Kitbox
Article Number	4933416970	4933443779
EAN Code	4002395237395	4002395003822

# WORLD'S FIRST 18V 9.0 AH BATTERY



AVAILABLE  
SOON

UP TO  
**35%**  
MORE POWER\*

UP TO  
**5X**  
MORE RUN TIME\*

\* Compared with competitive Li-Ion technology and/or previous Milwaukee® battery technology. Results dependent on voltage, tool and application.

## THE RIGHT **M18** BATTERY FOR EVERY APPLICATION

COMPACT



M18 B2  
4932430062

SMALL & LIGHT FOR  
ONE-HANDED USE



EXTENDED CAPACITY



BEST SELLER  
M18 B5  
4932430483



M18 B4  
4932430063



M18 B6  
4932451244

NEW



HIGH DEMAND

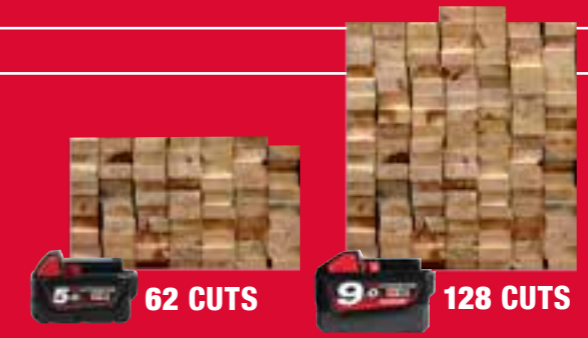


NEW  
M18 B9  
4932451245

HEAVY DUTY  
APPLICATIONS



CUTS IN  
60 X 120 MM  
WOOD WITH  
ONE BATTERY  
CHARGE



# ONE KEY™

UNLOCKING THE DIGITAL JOBSITE.™



## M18 FUEL SMART TOOL

The latest generation of FUEL™ tools but with integrated Bluetooth™ technology



## SYNC WIRELESSLY AND CONTROL YOUR TOOLS

Wireless communication & tool customisation through Android or iOS app



## ONLINE + MOBILE INVENTORY MANAGEMENT

Organize your information in one place, for a complete picture of the assets you use

**M18 FUEL**  
DRIVEN TO OUTPERFORM.™

FEBRUARY 2016

## TOOL CONTROL

### Unlimited Customisation

- ✓ CONTROL - unmatched flexibility, configure to any application choosing optimum tool settings
- ✓ CUSTOMIZE - repeatable precision, save up to 4 custom settings to the tool's memory, choose from a range of pre-set configurations or quickly build your own



GET IT ON Google play Available on the App Store

FEBRUARY 2016

## INVENTORY MANAGEMENT

### Simplified Tool and Equipment Management

- ✓ ONLINE & MOBILE - sharing of tool records across multiple users and devices
- ✓ TOOL RECORDS - track information about tools and equipment, any manufacturer/tool
- ✓ EASY SET UP - free to use, batch upload master inventory lists from Microsoft Excel



GET IT ON Google play Available on the App Store

AVAILABLE SOON

## TOOL REPORTING

### Time Based Performance Tracking

- ✓ TRACK - tool performance data
- ✓ MANAGE - view notifications for recommended maintenance
- ✓ SHARE - quickly generate professional pdf reports of tool's performance



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# M18 FUEL™

DRIVEN TO OUTPERFORM.™



NEW POWERSTATE™ BRUSHLESS MOTOR



NEW REDLINK PLUS™ INTELLIGENCE



REDLITHIUM-ION™ BATTERY PACKS

**MOST POWERFUL\***

**FASTER DRILLING SPEED\***

**MOST COMPACT\***

\* Compared with competitive Li-Ion technology and/or previous Milwaukee® battery technology. Results dependent on voltage, tool and application.

ONE-KEY™					ONE-KEY™
	<b>M18 ONEPD</b> ONE-KEY™ FUEL™ percussion drill	<b>M18 ONEDD</b> ONE-KEY™ FUEL™ drill driver	<b>M18 ONEID</b> ONE-KEY™ FUEL™ 1/4" Hex impact driver	<b>M18 ONEIWP12</b> ONE-KEY™ FUEL™ 1/2" impact wrench with pin detent	

## M18 FUEL™

DRIVEN TO OUTPERFORM.™

<b>M18 FPD</b> M18 FUEL™ percussion drill	<b>M18 FDD</b> M18 FUEL™ drill driver	<b>M18 FID</b> M18 FUEL™ 1/4" Hex impact driver

<b>M18 FIWF12</b> M18 FUEL™ 1/2" impact wrench with friction ring	<b>M18 FIWP12</b> M18 FUEL™ 1/2" impact wrench with pin detent	<b>M18 CHIWP12</b> M18 FUEL™ 1/2" high torque impact wrench with pin detent	<b>M18 CHIWF12 / M18 CHIWF34</b> M18 FUEL™ 1/2" high torque impact wrench with friction ring	<b>M18 CHPX</b> M18 FUEL™ high performance sds-plus hammer drill	<b>M18-28 CPDEX</b> M18-28 Fuel™ Heavy Duty dust extractor

<b>M18 CHX</b> M18 FUEL™ SDS-plus hammer	<b>M18 CDEX</b> M18 FUEL™ SDS-plus dust extractor	<b>M18 CRAD</b> M18 FUEL™ right angle drill	<b>M18 FRAD / M18 FRADH</b> M18 FUEL™ SUPER HAWG®	<b>M18 CCS55 / M18 CCS66</b> M18 FUEL™ circular saw	<b>M18 CSX</b> M18 FUEL™ SAWZALL®

<b>M18 CAG115X / M18 CAG125X</b> M18 FUEL™ angle grinder	<b>M18 CAG115XPDB / M18 CAG125XPDB</b> M18 FUEL™ angle grinder	<b>M18 CAG115XPDB / M18 CAG125XPDB</b> M18 FUEL™ braking grinder	<b>M18 FMDP</b> M18 FUEL™ magnetic drilling press with permanent magnet	<b>M18 CHM</b> M18 FUEL™ 5 kg SDS-Max drilling and breaking hammer	<b>M18 CBS125</b> M18 FUEL™ deep cut band saw

**M18**

 **OVER 30 VIDEOS!**  
[WWW.YOUTUBE.COM/USER/MILWAUKEEUOTV](http://WWW.YOUTUBE.COM/USER/MILWAUKEEUOTV)



# UPGRADE. OUTWORK. OUTLAST.

FULLY COMPATIBLE WITH  
ALL **M18** BATTERIES



ONE SYSTEM  
OVER  
**80**  
TOOLS

**ONE KEY**  
UNLOCKING THE DIGITAL JOBSITE.



**M18 FUEL**



RED LITHIUM-ION™ 2.0 / 4.0 / 5.0 / 6.0 / 9.0 Ah



## M18 ONEPD

### ONE-KEY™ FUEL™ PERCUSSION DRILL



- M18 FPD but with ONE-KEY™ technology
- Connect via Bluetooth™ with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds, anti-kickback functions and LED
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/ save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- ONE-KEY™ app also provides inventory function for total management of your complete tool/ equipment fleet
- More power - unmatched torque of 135 Nm
- More speed - delivers up to 2000 rpm
- Electronic clutch with 13 torque settings

	M18 ONEPD-0	M18 ONEPD-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed gear 1 (rpm)	0 - 550	0 - 550
No load speed gear 2 (rpm)	0 - 2000	0 - 2000
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	45	45
Max. drilling steel (mm)	13	13
Max. drilling masonry (mm)	13	13
Max. percussion rate (bpm)	0 - 32,000	0 - 32,000
Max. torque (Nm)	135	135
Weight with battery pack (kg)	-	2.5
Supplied in	-	HD Box
Article Number	4933451146	4933451147
EAN Code	4002395138159	4002395138166

## M18 FPD

### M18 FUEL™ PERCUSSION DRILL



- More power - unmatched torque of 135 Nm
- More speed - delivers up to 2000 rpm
- Smaller size - length of just 197 mm
- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life and up to 60% more power
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Battery fuel gauge displays remaining charge
- Brightest LED workspace illumination
- All metal reversible belt clip - hang your tool quickly and easily
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 FPD-0	M18 FPD-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed gear 1 (rpm)	0 - 550	0 - 550
No load speed gear 2 (rpm)	0 - 2000	0 - 2000
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	45	45
Max. drilling steel (mm)	13	13
Max. drilling masonry (mm)	13	13
Max. percussion rate (bpm)	0 - 32,000	0 - 32,000
Max. torque (Nm)	135	135
Weight with battery pack (kg)	-	2.5
Supplied in	-	HD Box
Article Number	4933451060	4933451061
EAN Code	4002395810390	4002395810406

## NEW STEP DRILL BITS

# UP TO 2X FASTER

ONE DRILL BIT TO DRILL MULTIPLE SIZES IN STEEL AND PLASTIC, WITH MORE ACCURACY AND MAXIMUM DURABILITY.



UP TO  
2X FASTER

UP TO  
4X LIFE

JAM-FREE  
PERFORMANCE



### OPTIMISED FOR CORDLESS TOOLS IN HIGH SPEED

Description	Shank Diameter (mm)	Overall length [mm]	No. of steps	Article Number
PG 7 - PG 21	10	68	9	48899321
M 6 - M 32	10		13	48899332
4 - 12 mm / 1"	6	65	9	48899301
4 - 12 mm / 2"	6	65	5	48899302
4 - 20 mm	8	65	9	48899320
6 - 35 mm	10	90	14	48899335
Step drill set (3 pcs) Includes step drills no. 3, 5, 6.				48899399

## HD18 PD

### M18™ HEAVY DUTY PERCUSSION DRILL



- With its Milwaukee® 4-pole frameless motor it delivers 85 Nm of torque, ideal for powering through the toughest of applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear box delivers maximum performance and long life
- Heavy Duty 13 mm full metal chuck delivers optimum bit retention
- Hammer mechanism delivers 28,000 bpm for highly effective masonry drilling
- 24 stage torque adjustment delivers optimum control for the user
- 3 stage mode selector allows the user to switch between rotary, screw drive and percussion modes quickly and easily
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

## M18 BLPD

### M18™ COMPACT BRUSHLESS PERCUSSION DRILL



- Most compact percussion drill in its class, measuring only 187 mm in length
- Brushless motor up to 50% more efficient and up to 2x longer life
- 60 Nm of torque, best power to size ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- All-metal gear case and 13 mm metal chuck for quick bit changes and bit retention
- Optimised speed for faster drilling & fastening (0 - 450/ 0 - 1800 rpm)
- On board fuel gauge and LED light
- 3 stage mode selector allows the user to switch between rotary, screw drive and percussion modes quickly and easily
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 PD-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed gear 1 (rpm)	0 - 450
No load speed gear 2 (rpm)	0 - 1800
Chuck capacity (mm)	13
Max. drilling wood (mm)	55
Max. drilling steel (mm)	13
Max. drilling masonry (mm)	16
Max. percussion rate (bpm)	28,000
Max. torque (Nm)	85
Weight with battery pack (kg)	2.5
Supplied in	-
Article Number	4933446925
EAN Code	4002395005666

	M18 BLPD-0	M18 BLPD-202C	M18 BLPD-502C
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	5.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	100 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1800	0 - 1800	0 - 1800
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	38	38	38
Max. drilling steel (mm)	13	13	13
Max. drilling masonry (mm)	16	16	16
Max. percussion rate (bpm)	0 - 28,800	0 - 28,800	0 - 28,800
Max. torque (Nm)	60	50	60
Weight with battery pack (kg)	-	1.8	2.1
Supplied in	-	Kitbox	Kitbox
Article Number	4933448446	4933448447	4933448472
EAN Code	4002395259205	4002395259212	4002395259465

# DIAMOND PLUS™ WET / DRY DRILL BITS



**Diamond grit edge drills and holesaws have been specially developed for professionals that need to drill in extremely hard materials such as porcelain/gres/quarry tiles, cast iron or fibreglass where it is increasingly difficult to drill with conventional holesaws. These holesaws guarantee excellent performance and superior life time even in the hardest of materials.**



#### FEATURES:

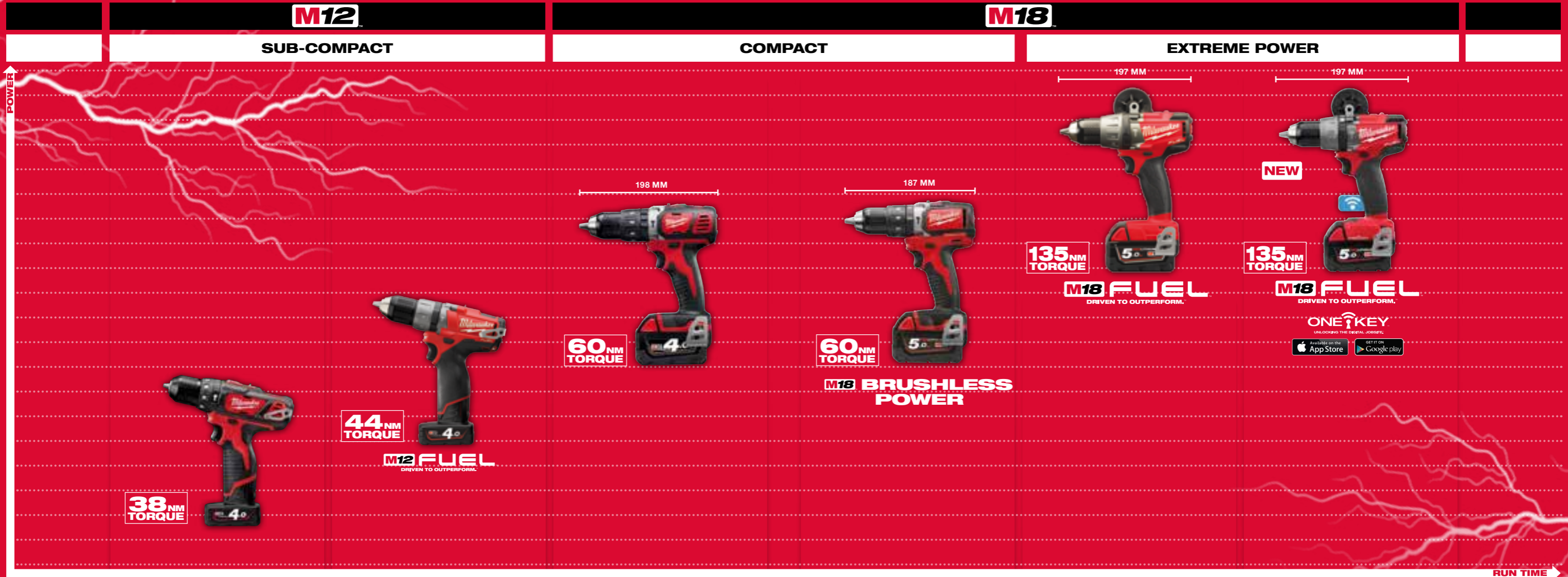
- **Water starved:** These holesaws only require limited water supply unlike conventional diamond drills that require a continuous flow of water. Just dip the drill bit or holesaw into water at the start of each hole to be cut and thereafter every 5 second cut duration.
- **Clean holes:** Drills clean, precise holes without any perimeter scratches.
- **Lifetime:** To ensure long lifetime, we use high grade diamond for fast cutting and a superior brazed bond matrix to give best durability.
- **Durability:** Tough alloy body which does not bend or distort easily.

#### APPLICATION AREAS:

- **Ceramic tiles - all types hard and soft:** Porcelain/Gres/Granite/Quarry/Terrazzo/Artificial stone/Terracotta/Agglomerate/Glazed
- **Cast iron**
- **Fibreglass/GRP (Glass reinforced plastic)/Perspex**

Ø (mm)	Reception	Article Number
5	1/4" Hex	49560503
6	1/4" Hex	49560505
8	1/4" Hex	49560507
10	1/4" Hex	49560509
12	1/4" Hex	49560511
15	1/4" Hex	49560513
20	1/4" Hex	49560515
25	1/4" Hex	49560517

# GET THE RIGHT CORDLESS DRILL FOR THE JOB



	M12 BPD-402C	M12 CPD-402C	M18 BPD-402C	M18 BLPD-502C	M18 FPD-502X	M18 ONEPD-502X	
<b>VOLTAGE</b>	12 V	12 V	18 V	18 V	18 V	18 V	<b>VOLTAGE</b>
<b>CHUCK CAPACITY</b>	10 mm	13 mm	13 mm	13 mm	13 mm	13 mm	<b>CHUCK CAPACITY</b>
<b>TORQUE</b>	38 Nm	44 Nm	60 Nm	60 Nm	135 Nm	135 Nm	<b>TORQUE</b>
<b>WEIGHT</b>	1.5 kg	1.5 kg	2.1 kg	2.1 kg	2.5 kg	2.5 kg	<b>WEIGHT</b>
<b>BATTERY CAPACITY</b>	4.0 Ah	4.0 Ah	4.0 Ah	5.0 Ah	5.0 Ah	5.0 Ah	<b>BATTERY CAPACITY</b>
<b>ARTICLE NO.</b>	4933441935	4933440375	4933443520	4933448472	4933451061	4933451147	<b>ARTICLE NO.</b>
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>Compact design ideal for restricted spaces</li> <li>Ideal for small diameter drilling and light screwdriving applications</li> </ul>	<ul style="list-style-type: none"> <li>High power from a very compact drill</li> <li>POWERSTATE™ brushless motor - for sustained high performance, amazing run time and extreme motor life</li> </ul>	<ul style="list-style-type: none"> <li>Best in class power and ergonomics</li> <li>All round tool for most drilling and screwdriving applications</li> </ul>	<ul style="list-style-type: none"> <li>Most compact - best power to size ratio</li> <li>Good performance in most drilling and screw driving applications</li> <li>Brushless motor - no maintenance, better efficiency, longer run time and motor life</li> </ul>	<ul style="list-style-type: none"> <li>Industry leading performance in a compact size</li> <li>New POWERSTATE™ brushless motor - for sustained high performance, amazing run time and extreme motor life</li> </ul>	<ul style="list-style-type: none"> <li>Industry leading performance in a compact size</li> <li>New POWERSTATE™ brushless motor - for sustained high performance, amazing run time and extreme motor life</li> </ul>	<b>FEATURES</b>
<b>ELECTRONICS</b>	<ul style="list-style-type: none"> <li>REDLINK™ electronics - total system communication and overload protection</li> </ul>	<ul style="list-style-type: none"> <li>REDLINK PLUS™ electronics - total system communication and unique performance enhancement</li> </ul>	<ul style="list-style-type: none"> <li>REDLINK™ electronics - total system communication and overload protection</li> </ul>	<ul style="list-style-type: none"> <li>REDLINK™ electronics - total system communication and overload protection</li> </ul>	<ul style="list-style-type: none"> <li>NEW REDLINK PLUS™ INTELLIGENCE</li> <li>Continuous protection and performance optimization</li> <li>Allows and manages extreme power output</li> </ul>	<ul style="list-style-type: none"> <li>NEW REDLINK PLUS™ INTELLIGENCE</li> <li>Continuous protection and performance optimization</li> <li>Allows and manages extreme power output</li> </ul>	<b>ELECTRONICS</b>

## M18 BPD

### M18™ COMPACT PERCUSSION DRILL



- Compact percussion drill measuring only 198 mm in length, making it ideal for working in confined spaces
- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear box delivers maximum performance and long life
- 13 mm metal chuck for quick bit changes and bit retention
- 18 stage torque adjustment for maximum flexibility
- 3 stage mode selector allows the user to switch between rotary, screw drive and percussion modes quickly and easily
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BPD-0	M18 BPD-202C	M18 BPD-402C
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	–	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	80 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1800	0 - 1800	0 - 1800
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	38	38	38
Max. drilling steel (mm)	13	13	13
Max. drilling masonry (mm)	16	16	16
Max. percussion rate (bpm)	0 - 28,800	0 - 28,800	0 - 28,800
Max. torque (Nm)	50	50	60
Weight with battery pack (kg)	–	1.9	2.1
Supplied in	–	Kitbox	Kitbox
Article Number	4933443500	4933443515	4933443520
EAN Code	4002395003143	4002395003167	4002395003174

## M18 ONEDD

**FUEL**

### ONE-KEY™ FUEL™ DRILL DRIVER



- M18 FDD but with ONE-KEY™ technology
- Connect via Bluetooth™ with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds, anti-kickback functions and LED
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet
- More power - unmatched torque of 135 Nm
- More speed - delivers up to 2000 rpm
- Electronic clutch with 13 torque settings

	M18 ONEDD-0	M18 ONEDD-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed gear 1 (rpm)	0 - 550	0 - 550
No load speed gear 2 (rpm)	0 - 2000	0 - 2000
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	45	45
Max. drilling steel (mm)	13	13
Max. torque (Nm)	135	135
Weight with battery pack (kg)	–	2.5
Supplied in	–	HD Box
Article Number	4933451150	4933451149
EAN Code	4002395138197	4002395138180

## M18 FDD

**FUEL**

### M18 FUEL™ DRILL DRIVER



- More power - unmatched torque of 135 Nm
- More speed - delivers up to 2000 rpm
- Smaller size - length of just 190 mm
- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life and up to 60% more power
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Battery fuel gauge displays remaining charge
- Brightest LED workspace illumination
- All metal reversible belt clip - hang your tool quickly and easily
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 FDD-0	M18 FDD-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed gear 1 (rpm)	0 - 550	0 - 550
No load speed gear 2 (rpm)	0 - 2000	0 - 2000
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	45	45
Max. drilling steel (mm)	13	13
Max. torque (Nm)	135	135
Weight with battery pack (kg)	–	2.5
Supplied in	–	HD Box
Article Number	4933451063	4933451064
EAN Code	4002395810420	4002395810437

## M18 BLDD

### M18™ COMPACT BRUSHLESS DRILL DRIVER



- Most compact drill driver in its class, measuring only 174 mm in length
- Brushless motor up to 50% more efficient and up to 2x longer life
- 60 Nm of torque, best power to size ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- All-metal gear case and 13 mm metal chuck for quick bit changes and bit retention
- Optimized speed for faster drilling & fastening (0 - 450 / 0 - 1800 rpm)
- On board fuel gauge and LED light
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BLDD-0	M18 BLDD-202C	M18 BLDD-502C
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	–	2.0	5.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	100 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1800	0 - 1800	0 - 1800
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	38	38	38
Max. drilling steel (mm)	13	13	13
Max. torque (Nm)	60	50	60
Weight with battery pack (kg)	–	1.7	2.0
Supplied in	–	Kitbox	Kitbox
Article Number	4933448440	4933448441	4933448458
EAN Code	4002395259144	4002395259151	4002395259328

## M18 BDD

### M18™ COMPACT DRILL DRIVER



- Compact drill driver measuring only 185 mm in length, making it ideal for working in confined spaces
- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear box delivers maximum performance and long life
- 13 mm metal chuck for quick bit changes and bit retention
- 17 stage torque adjustment plus additional drilling for maximum flexibility
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BDD-0	M18 BDD-202C	M18 BDD-402C
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	–	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	–	40 min	80 min
No load speed gear 1 (rpm)	0 - 450	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1800	0 - 1800	0 - 1800
Chuck capacity (mm)	13	13	13
Max. drilling wood (mm)	38	38	38
Max. drilling steel (mm)	13	13	13
Max. torque (Nm)	50	50	60
Weight with battery pack (kg)	–	1.8	2.0
Supplied in	–	Kitbox	Kitbox
Article Number	4933443530	4933443555	4933443565
EAN Code	4002395003198	4002395003204	4002395003228

## M18 FRAD

### M18 FUEL™ SUPER HAWG® 2-SPEED RIGHT ANGLE DRILL DRIVER



- POWERSTATE™ brushless motor provides constant power under load to power through 152 mm holes
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Extreme long runtime up to 75 holes with a 65 mm auger bit into wood
- Mechanical clutch protects the tool in the event of a stall
- All metal gear case and 13 mm keyed chuck for high durability
- On board fuel gauge and LED light
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 FRAD-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed gear 1 (rpm)	0 - 350
No load speed gear 2 (rpm)	0 - 950
Chuck capacity (mm)	13
Max. drilling wood with auger bit (mm)	40
Max. drilling wood with selffeed bit (mm)	117
Max. drilling wood with holesaw (mm)	152
Max. drilling steel (mm)	13
Weight with battery pack (kg)	6.4
Supplied in	–
Article Number	4933451289
EAN Code	4002395157471

## M18 FRADH

### M18 FUEL™ SUPER HAWG® 2-SPEED RIGHT ANGLE DRILL DRIVER WITH QUIK-LOK™



- POWERSTATE™ brushless motor provides constant power under load to power through 152 mm holes
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Extreme long runtime up to 75 holes with a 65 mm auger bit into wood
- Mechanical clutch protects the tool in the event of a stall
- All metal gear case and 7/16" QUIK-LOK™ chuck for high durability
- On board fuel gauge and LED light
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 FRADH-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed gear 1 (rpm)	0 - 350
No load speed gear 2 (rpm)	0 - 950
Tool reception	7/16" Hex
Max. drilling wood with auger bit (mm)	40
Max. drilling wood with selffeed bit (mm)	117
Max. drilling wood with holesaw (mm)	152
Max. drilling steel (mm)	13
Weight with battery pack (kg)	6.2
Supplied in	–
Article Number	4933451290
EAN Code	4002395157488

## M18 CRAD

### M18 FUEL™ RIGHT ANGLE DRILL



- Delivers corded power and speed (1200 rpm) in wood drilling applications
- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 10x longer motor life and up to 25% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- All metal gear case and 13 mm keyed chuck
- Extreme long runtime up to 150 holes with a 22 mm auger bit into 50 x 100 mm wood
- Up to 10% lighter and smaller than leading AC competitive tools
- On board fuel gauge and LED light
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 CRAD-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	0 - 1200
Chuck capacity (mm)	13
Max. drilling wood with auger bit (mm)	26
Max. drilling wood with selffeed bit (mm)	51
Max. drilling wood with holesaw (mm)	102
Max. drilling steel (mm)	8
Weight with battery pack (kg)	4.1
Supplied in	–
Article Number	4933447730
EAN Code	4002395263516

# GET THE RIGHT IMPACT DRIVER FOR THE JOB



	M12 BID-202C	M12 CID-202C	M18 BID-402C	M18 BLID-502C	M18 FID-502X	M18 ONEID-502X	
VOLTAGE	12V	12V	18V	18V	18V	18V	VOLTAGE
BATTERY CAPACITY	2.0 Ah	2.0 Ah	4.0 Ah	5.0 Ah	5.0 Ah	5.0 Ah	BATTERY CAPACITY
WEIGHT	1.0 kg	1.0 kg	1.7 kg	1.7 kg	1.7 kg	1.7 kg	WEIGHT
ARTICLE NO.	4933441960	4933440405	4933443580	4933448457	4933451066	4933451370	ARTICLE NO.
ELECTRONICS	REDLINK™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND OVERLOAD PROTECTION	REDLINK PLUS™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND UNIQUE PERFORMANCE ENHANCEMENT	REDLINK™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND OVERLOAD PROTECTION	REDLINK™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND OVERLOAD PROTECTION	REDLINK PLUS™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND UNIQUE PERFORMANCE ENHANCEMENT	REDLINK PLUS™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND UNIQUE PERFORMANCE ENHANCEMENT	ELECTRONICS
MODE	<p><b>MODE 1</b> 112 Nm 0-2500 RPM 0-3300 IPM</p>	<p><b>MODE 1</b> 15 Nm 0-1200 RPM 0-2700 IPM</p> <p><b>MODE 2</b> 135 Nm 0-2650 RPM 0-3550 IPM</p>	<p><b>MODE 1</b> 180 Nm 0-2600 RPM 0-2450 IPM</p> <p><b>MODE 2</b> 180 Nm 0-2750 RPM 0-3450 IPM</p>	<p><b>MODE 1</b> 170 Nm 0-2800 RPM 0-3600 IPM</p>	<p><b>MODE 1</b> 26 Nm 0-1850 RPM 0-1800 IPM</p> <p><b>MODE 2</b> 80 Nm 0-2100 RPM 0-2300 IPM</p> <p><b>MODE 3</b> 203 Nm 0-2000 RPM 0-3700 IPM</p> <p><b>MODE 4</b> 0-203 Nm 0-3000 RPM 0-3700 IPM</p>	<p><b>MODE 1</b> 40 Nm 0-1450 RPM</p> <p><b>MODE 2</b> 80 Nm 0-1500 RPM 0-2400 IPM</p> <p><b>MODE 3</b> 150 Nm 0-2000 RPM 0-2900 IPM</p> <p><b>MODE 4</b> 0-203 Nm 0-3000 RPM 0-3700 IPM</p>	MODE

## C18 RAD

### M18™ COMPACT RIGHT ANGLE DRILL



- Optimised performance: 1500 rpm at 20 Nm
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Perfect speed to power ratio for fast application completion
- 10 mm single sleeve ratcheting chuck provides maximum versatility and grip
- 100 mm compact head designed to fit in the tightest work areas
- Multi-position handle design allows for multiple hand positions and maximum comfort
- 10 + 1 electronic clutch enables complete control while fastening
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Built in LED light illuminates the work surface
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	C18 RAD-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	0 - 1500
Chuck capacity (mm)	10
Max. torque (Nm)	20
Max. drilling wood (mm)	28
Max. drilling steel (mm)	10
Weight with battery pack (kg)	1.9
Supplied in	-
Article Number	4933427189
EAN Code	4002395239085

## M18 ONEID

**M18 FUEL**

### ONE-KEY™ FUEL™ ¼" HEX IMPACT DRIVER



- M18 FID but with ONE-KEY™ technology
- Connect via Bluetooth™ with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds and LED control
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/ save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- Specific tool profiles include a range of self tapping screw modes
- ONE-KEY™ app also provides inventory function for total management of your complete tool/ equipment fleet

	M18 ONEID-0	M18 ONEID-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	850/1500/2100/3000	850/1500/2100/3000
Impact rate (ipm)	1450/2400/2900/3700	1450/2400/2900/3700
Max. fastening torque (Nm)	203	203
Max. torque (Nm)	40/80/150/203	40/80/150/203
Tool reception	¼" Hex	¼" Hex
Weight with battery pack (kg)	-	1.7
Supplied in	-	HD Box
Article Number	4933451151	4933451370
EAN Code	4002395138203	4002395159888

## M18 FID

**M18 FUEL**

### M18 FUEL™ ¼" HEX IMPACT DRIVER



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 20% more power
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into four different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 helps prevent damage to fasteners and material
- Mode 3 delivers maximum performance for the toughest applications
- Mode 4 is the optimum between precision work and maximum performance and automatically adjusts speed, impacts and torque
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- ¼" Hex chuck for quick and easy bit change
- On board fuel gauge and LED light
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 FID-0	M18 FID-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	850/2100/3000/0-3000	850/2100/3000/0-3000
Impact rate (ipm)	1800/2900/3700/0-3700	1800/2900/3700/0-3700
Max. fastening torque (Nm)	203	203
Max. torque (Nm)	26/80/203/0-203	26/80/203/0-203
Tool reception	¼" Hex	¼" Hex
Weight with battery pack (kg)	-	1.7
Supplied in	-	HD Box
Article Number	4933451065	4933451066
EAN Code	4002395810444	4002395810451

## M18 BLID

### M18™ COMPACT BRUSHLESS IMPACT DRIVER



- Compact impact driver measures only 137 mm in length with 99 mm head height
- Brushless motor technology delivers 170 Nm of torque, 2800 rpm and 3600 ipm
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- Brightest LED workspace illumination
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- One-handed bit insert with retention lock
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BLID-0	M18 BLID-502C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	100 min
No load speed (rpm)	0 - 2800	0 - 2800
Impact rate (ipm)	0 - 3600	0 - 3600
Tool reception	¼" Hex	¼" Hex
Max. torque (Nm)	170	170
Weight with battery pack (kg)	-	1.7
Supplied in	-	Kitbox
Article Number	4933448452	4933448457
EAN Code	4002395259267	4002395259311

## M18 BID

### M18™ COMPACT IMPACT DRIVER



- Compact impact driver measures 140 mm in length making it ideal for working within confined spaces
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 1/4" Hex drive with click lock for single hand loading of bit
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BID-0	M18 BID-202C	M18 BID-402C
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0	4.0
No. of batteries supplied	0	2	2
Charger supplied	-	40 min	80 min
No load speed (rpm)	0 - 2000 / 0 - 2750	0 - 2000 / 0 - 2750	0 - 2000 / 0 - 2750
Impact rate (ipm)	0 - 2450 / 0 - 3450	0 - 2450 / 0 - 3450	0 - 2450 / 0 - 3450
Tool reception	1/4" Hex	1/4" Hex	1/4" Hex
Max. torque (Nm)	180	180	180
Weight with battery pack (kg)	-	1.4	1.7
Supplied in	-	Kitbox	Kitbox
Article Number	4933443570	4933443585	4933443580
EAN Code	4002395003235	4002395003259	4002395003242

## M18 BRAID

### M18™ COMPACT RIGHT ANGLE IMPACT DRIVER



- Compact right angle impact driver measures 307 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gearbox and gears for superior durability and maximum torque
- Compact 53 mm head design
- Multi-handle design for multiple hand positions and maximum comfort
- 1/4" Hex chuck for quick easy one handed bit change
- 2 speed settings for wider range of applications
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BRAID-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	0 - 1500 / 0 - 2250
Impact rate (ipm)	0 - 2400 / 0 - 3400
Tool reception	1/4" Hex
Max. torque (Nm)	41 / 81
Weight with battery pack (kg)	1.8
Supplied in	-
Article Number	4933447891
EAN Code	4002395006663

## M18 ONEIWP12 M18 FUEL

### ONE-KEY™ FUEL™ 1/2" IMPACT WRENCH WITH PIN DETENT



- M18 FIW but with ONE-KEY™ technology
- Connect via Bluetooth™ with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds and LED
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet

	M18 ONEIWP12-0	M18 ONEIWP12-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	900/1400/1900/2500	900/1400/1900/2500
Impact rate (ipm)	1300/2100/2550/3200	1300/2100/2550/3200
Tool reception	1/2" square	1/2" square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	80/150/220/300	80/150/220/300
Weight with battery pack (kg)	-	1.8
Supplied in	-	HD Box
Article Number	4933451152	4933451372
EAN Code	4002395138210	4002395160501

## M18 ONEIWF12 M18 FUEL

### ONE-KEY™ FUEL™ 1/2" IMPACT WRENCH WITH FRICTION RING



- M18 FIW but with ONE-KEY™ technology
- Connect via Bluetooth™ with the Milwaukee® ONE-KEY™ app
- Complete tool customisation via ONE-KEY™ app to tune the tool to your needs
- Control speed, torque, start and end speeds and LED
- Configure to any application choosing optimum tool settings for repeatable precision
- Program/save profiles for unmatched control
- Select from a range of application profiles or quickly create your own for perfect results on every trigger pull
- Save up to 4 custom settings to the tools memory for fast selection on the jobsite
- ONE-KEY™ app also provides inventory function for total management of your complete tool/equipment fleet

	M18 ONEIWF12-0	M18 ONEIWF12-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	900/1400/1900/2500	900/1400/1900/2500
Impact rate (ipm)	1300/2100/2550/35200	1300/2100/2550/3200
Tool reception	1/2" square	1/2" square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	80/150/220/300	80/150/220/300
Weight with battery pack (kg)	-	1.8
Supplied in	-	HD Box
Article Number	4933451153	4933451374
EAN Code	4002395138227	4002395160525



## M18 FIWP12

**M18 FUEL™ 1/2" IMPACT WRENCH WITH PIN DETENT**



- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into four different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 helps prevent damage to fasteners and material
- Mode 3 delivers maximum performance for the toughest applications
- Mode 4 intelligently detects when the tool has impacted on a fastener for one second automatically shutting the tool down, reducing overdriving and damaging materials
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- All metal reversible belt clip – quickly and easily hang tool

	M18 FIWP12-0	M18 FIWP12-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	1700/2000/2500/2000	1700/2000/2500/2000
Impact rate (ipm)	2400/2600/3100/2600	2400/2600/3100/2600
Tool reception	1/2" square	1/2" square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	40/120/300/120	40/120/300/120
Weight with battery pack (kg)	–	1.8
Supplied in	–	HD Box
Article Number	4933451067	4933451068
EAN Code	4002395810468	4002395810475

## M18 FIWF12

**M18 FUEL™ 1/2" IMPACT WRENCH WITH FRICTION RING**



- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and up to 20% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into four different speed and torque settings to maximise application versatility
- Mode 1 for precision work
- Mode 2 helps prevent damage to fasteners and material
- Mode 3 delivers maximum performance for the toughest applications
- Mode 4 intelligently detects when the tool has impacted on a fastener for one second automatically shutting the tool down, reducing overdriving and damaging materials
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- All metal reversible belt clip – quickly and easily hang tool

	M18 FIWF12-0	M18 FIWF12-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	1700/2000/2500/2000	1700/2000/2500/2000
Impact rate (ipm)	2400/2600/3100/2600	2400/2600/3100/2600
Tool reception	1/2" square	1/2" square
Max. fastening torque (Nm)	300	300
Max. torque (Nm)	40/120/300/120	40/120/300/120
Weight with battery pack (kg)	–	1.8
Supplied in	–	HD Box
Article Number	4933451070	4933451071
EAN Code	4002395810499	4002395810550

## M18 CHIWF12

**M18 FUEL™ 1/2" HIGH TORQUE IMPACT WRENCH WITH FRICTION RING**



- The M18 FUEL™ high torque impact wrench delivers pneumatic fastening performance - up to 950 Nm max. fastening torque and up to 1491 Nm nut-busting torque
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 1/2" square friction ring
- On board fuel gauge and LED light

	M18 CHIWF12-0	M18 CHIWF12-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	0 - 425 / 0 - 1700	0 - 425 / 0 - 1700
Impact rate (ipm)	0 - 450 / 0 - 2300	0 - 450 / 0 - 2300
Tool reception	1/2" square	1/2" square
Max. fastening torque (Nm)	135 / 950	135 / 950
Nut-busting torque (Nm)	1491	1491
Weight with battery pack (kg)	–	3.3
Supplied in	–	HD Box
Article Number	4933446237	4933448418
EAN Code	4002395005048	4002395262922

## M18 CHIWP12

**M18 FUEL™ 1/2" HIGH TORQUE IMPACT WRENCH WITH PIN DETENT**



- The M18 FUEL™ high torque impact wrench pneumatic fastening performance - up to 813 Nm max. fastening torque and up to 1354 Nm nut-busting torque
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 1/2" square detent pin
- On board fuel gauge and LED light

	M18 CHIWP12-0	M18 CHIWP12-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	59 min
No load speed (rpm)	0 - 1200 / 0 - 1700	0 - 1200 / 0 - 1700
Impact rate (ipm)	0 - 1700 / 0 - 2300	0 - 1700 / 0 - 2300
Tool reception	1/2" square	1/2" square
Max. fastening torque (Nm)	474 / 813	474 / 813
Nut-busting torque (Nm)	1354	1354
Weight with battery pack (kg)	–	3.2
Supplied in	–	HD Box
Article Number	4933446247	4933451400
EAN Code	4002395005017	4002395158126

## M18 CHIWF34

**M18 FUEL™ 3/4" HIGH TORQUE IMPACT WRENCH WITH FRICTION RING**



- The M18 FUEL™ high torque impact wrench delivers pneumatic fastening performance - up to 1016 Nm max. fastening torque and up to 1626 Nm nut-busting torque
- The Milwaukee® DRIVE CONTROL™ allows the user to shift into two different speed and torque settings to maximise application versatility
- Milwaukee® designed and built brushless POWERSTATE™ motor for longer motor life and more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 3/4" square friction ring
- On board fuel gauge and LED light

	M18 CHIWF34-0	M18 CHIWF34-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	0 - 1200 / 0 - 1700	0 - 1200 / 0 - 1700
Impact rate (ipm)	0 - 1700 / 0 - 2300	0 - 1700 / 0 - 2300
Tool reception	3/4" square	3/4" square
Max. fastening torque (Nm)	508 / 1016	508 / 1016
Nut-busting torque (Nm)	1626	1626
Weight with battery pack (kg)	-	3.3
Supplied in	-	HD Box
Article Number	4933446261	4933448415
EAN Code	4002395004980	4002395262939

## HD18 HIW

**M18™ HEAVY DUTY IMPACT WRENCH**



- The most powerful 18V cordless impact wrench on the market
- With its Milwaukee® 4-pole frameless motor it delivers a staggering 610 Nm of torque, ideal for powering through the toughest of applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 1/2" square drive with detent pin for secure socket retention
- Ideal for heavy applications such as steel fabrication, mechanical fastening, industrial construction and automotive work
- Light weight and ergonomically designed
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 HIW-0	HD18 HIW-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	0 - 1900	0 - 1900
Tool reception	1/2" square	1/2" square
Impact rate (ipm)	0 - 2200	0 - 2200
Max. torque (Nm)	610	610
Weight with battery pack (kg)	-	3.0
Supplied in	-	Kitbox
Article Number	4933416195	4933441260
EAN Code	4002395236879	4002395001330

## HD18 HIWF

**M18™ HEAVY DUTY IMPACT WRENCH WITH FRICTION RING**



- The most powerful 18 V cordless impact wrench on the market
- With its Milwaukee® 4-pole frameless motor it delivers a staggering 610 Nm of torque, ideal for powering through the toughest of applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 1/2" square friction ring
- Ideal for heavy applications such as steel fabrication, mechanical fastening, industrial construction and automotive work
- Light weight and ergonomically designed
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 HIWF-0	HD18 HIWF-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	0 - 1900	0 - 1900
Tool reception	1/2" square	1/2" square
Impact rate (ipm)	0 - 2200	0 - 2200
Max. torque (Nm)	610	610
Weight with battery pack (kg)	-	3.0
Supplied in	-	Kitbox
Article Number	4933441794	4933441789
EAN Code	4002395002313	4002395002290

## M18 BIW12

**M18™ COMPACT 1/2" IMPACT WRENCH**



- Compact 1/2" impact wrench measures 155 mm in length making it ideal for working within confined spaces
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 1/2" square drive for use with universal sockets
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BIW12-0	M18 BIW12-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	0 - 2450	0 - 2450
Tool reception	1/2" square	1/2" square
Impact rate (ipm)	0 - 3350	0 - 3350
Max. torque (Nm)	240	240
Weight with battery pack (kg)	-	1.9
Supplied in	-	Kitbox
Article Number	4933443590	4933443607
EAN Code	4002395003266	4002395003280

# GET THE RIGHT IMPACT WRENCH FOR THE JOB



	M12 BIW12-202C	M12 CIW12-202C	M18 BIW12-402C	M18 FIWF12-502X	M18 ONEIWF12-502X	M18 CHIWF12-502X	
VOLTAGE	12V	12V	18V	18V	18V	18V	VOLTAGE
BATTERY CAPACITY	2.0 Ah	2.0 Ah	4.0 Ah	5.0 Ah	5.0 Ah	5.0 Ah	BATTERY CAPACITY
TOOL RECEPTION	1/2" Square	1/2" Square	1/2" Square	1/2" Square	1/2" Square	1/2" Square	TOOL RECEPTION
WEIGHT	1.0 kg	1.0 kg	1.9 kg	1.8 kg	1.8 kg	3.3 kg	WEIGHT
ARTICLE NO.	4933447133	4933447130	4933443607	4933451071	4933451374	4933448418	ARTICLE NO.
ELECTRONICS	REDLINK™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND OVERLOAD PROTECTION	REDLINK PLUS™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND UNIQUE PERFORMANCE ENHANCEMENT	REDLINK™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND OVERLOAD PROTECTION	REDLINK PLUS™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND UNIQUE PERFORMANCE ENHANCEMENT	REDLINK PLUS™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND UNIQUE PERFORMANCE ENHANCEMENT	REDLINK PLUS™ ELECTRONICS - TOTAL SYSTEM COMMUNICATION AND UNIQUE PERFORMANCE ENHANCEMENT	ELECTRONICS
MODE	<p>MODE 1 138 NM 0-2550 RPM 0-3400 IPM</p>	<p>MODE 1 MODE 2 65 NM 160 NM 0-1500 RPM 0-2650 RPM 0-2650 IPM 0-3500 IPM</p>	<p>MODE 1 138 NM 0-2550 RPM 0-3400 IPM</p>	<p>MODE 1 MODE 2 MODE 3 MODE 4 40 Nm 120 Nm 300 Nm 120 Nm 0-1700 RPM 0-2000 RPM 0-2500 RPM 0-2000 RPM 0-2600 IPM 0-2600 IPM 0-2600 IPM 0-2600 IPM</p>	<p>MODE 1 MODE 2 MODE 3 MODE 4 80 Nm 150 Nm 220 Nm 300 Nm 0-900 RPM 0-1400 RPM 0-1900 RPM 0-2500 RPM 0-1200 IPM 0-1100 IPM 0-1200 IPM 0-1200 IPM</p>	<p>MODE 1 MODE 2 135 NM 950 NM 0-425 RPM 0-1700 RPM 0-450 IPM 0-2300 IPM</p>	MODE

## M18 BIW38

### M18™ COMPACT 3/8" IMPACT WRENCH



- Compact 3/8" impact wrench measures 152 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Heavy duty full metal gearbox and gears for superior durability and maximum torque
- 3/8" square drive for use with universal sockets
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BIW38-0	M18 BIW38-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	0 - 2450	0 - 2450
Tool reception	3/8" square	3/8" square
Impact rate (ipm)	0 - 3350	0 - 3350
Max. torque (Nm)	210	210
Weight with battery pack (kg)	-	1.9
Supplied in	-	Kitbox
Article Number	4933443600	4933443620
EAN Code	4002395003273	4002395003327

## M18 BRAIW

### M18™ COMPACT RIGHT ANGLE IMPACT WRENCH



- Compact right angle impact wrench measures 307 mm in length making it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gearbox and gears for superior durability and maximum torque
- Compact 53 mm head design
- Multi-handle design for multiple hand positions and maximum comfort
- 3/8" square drive for use with universal sockets
- 2 speed settings for wider range of applications
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BRAIW-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	0 - 1500 / 0 - 2250
Tool reception	3/8" square
Impact rate (ipm)	0 - 2400 / 0 - 3400
Max. torque (Nm)	40 / 76
Weight with battery pack (kg)	1.8
Supplied in	-
Article Number	4933447899
EAN Code	4002395006670

## M18 CHM

FUEL

### M18 FUEL™ 5 KG SDS-MAX DRILLING AND BREAKING HAMMER



- The world's first 18V 5 kg SDS-Max hammer for maximum versatility and portability with equal performance to an AC tool
- Milwaukee® designed and built brushless POWERSTATE™ motor provides corded drilling performance
- New REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tools performance under load
- High demand 9.0 Ah REDLITHIUM-ION™ battery pack delivers up to 5x more run time, up to 35% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Robust magnesium gear housing for tough environments, exact seat fitting of gear components and better cooling
- Roto-stop and multi position chisel function gives 12 different positions to optimise working angle and end-user ergonomics
- Low 5.5 m/s<sup>2</sup> vibration construction which enhances usage time per day
- Safety clutch protects operator and machine if drill bit jams

	M18 CHM-0	M18 CHM-902C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	9.0
No. of batteries supplied	0	2
Charger supplied	-	100 min
Tool reception	SDS-Max	SDS-Max
Blow energy (EPTA)(J)	6.1	6.1
Full load hammer action (bpm)	0 - 3000	0 - 3000
No load speed (rpm)	0 - 450	0 - 450
Max. drilling concrete (mm)	40	40
Max. drilling tunnel bit (mm)	65	65
Max. drilling core bit (mm)	100	100
Vibration drilling (m/s <sup>2</sup> )	5.5	5.5
Vibration chiseling (m/s <sup>2</sup> )	3.1	3.1
Weight with battery pack (kg)	-	6.6
Supplied in	-	Kitbox
Article Number	4933451362	4933451361
EAN Code	4002395159208	4002395158591

## M18 CHPX

FUEL

### M18 FUEL™ HIGH PERFORMANCE SDS-PLUS HAMMER DRILL

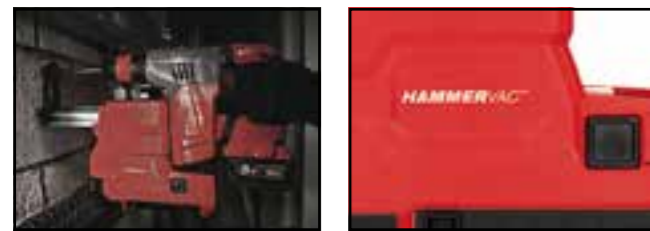


- Milwaukee® designed and built brushless POWERSTATE™ motor
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- High powered motor gives corded tool performance
- Hardest hitting cordless SDS hammer in its class. Powerful hammer mechanism delivers 4.0 J (EPTA) of impact energy at low 8.6 m/s<sup>2</sup> vibrations thanks to the new dual rail anti-vibration system\*
- All metal gear case - optimum seating of the gears for enhanced service life
- 4-mode operation: rotary hammer, hammer only, rotation only and variolock for maximum versatility
- FIXTEC system - keyless chuck changing
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Compatible with M18-28 CPDEX dust extractor
- \*patent pending

	M18 CHPX-0	M18 CHPX-502X	M18 CHPX-902X
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0	9.0
No. of batteries supplied	0	2	2
Charger supplied	-	59 min	100 min
Tool reception	SDS-Plus	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	4.0	4.0	4.0
Max. drilling wood (mm)	30	30	30
Max. drilling steel (mm)	13	13	13
Max. drilling concrete (mm)	28	28	28
Max. percussion rate (bpm)	0 - 5000	0 - 5000	0 - 5000
Vibration drilling (m/s <sup>2</sup> )	8.6	8.6	8.6
Vibration chiseling (m/s <sup>2</sup> )	7.1	7.1	7.1
Weight with battery pack (kg)	-	4.3	4.6
Supplied in	-	HD Box	HD Box
Article Number	4933446830	4933451380	4933451469
EAN Code	4002395005536	4002395160587	4002395162192

## M18-28 CPDEX

### M18-28 FUEL™ HEAVY DUTY DUST EXTRACTOR



- Designed to collect dust effectively with automatic operation from the tools on/off trigger switch
- HEPA Filter: widely regarded as the ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%
- Large dust collection box
- Dust extraction aluminium tube is adjustable according to the size of the drill bit and length 16 mm max and 90 mm depth
- Compatible with M18 CHPX & M28 CHPX

M18-28 CPDEX-0	
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Max. drill bit diameter (mm)	16
Max. drilling depth (mm)	90
Max. drill bit length (mm)	160
Stroke length (mm)	100
Weight without battery pack (kg)	1.6
Supplied in	-
Article Number	4933446810
EAN Code	4002395005505

## M18 CHX

### M18 FUEL™ SDS-PLUS HAMMER



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 2x longer motor life and up to 25% more power
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Second hardest hitting SDS hammer in its class. Powerful hammer mechanism delivers 2.5 J of impact energy at low 8.9 m/s<sup>2</sup> vibrations
- Compact, ergonomic design for increased enduser comfort
- All metal gear case - optimum seating of the gears for enhanced service life
- 4-mode operation: rotary hammer, hammer only, rotation only and variolock for maximum versatility
- FIXTEC system - keyless chuck changing
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Compatible with M18 CDE dust extractor

	M18 CHX-0	M18 CHX-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
Tool reception	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	2.5	2.5
Max. drilling wood (mm)	30	30
Max. drilling steel (mm)	13	13
Max. drilling concrete (mm)	26	26
Max. percussion rate (bpm)	0 - 4900	0 - 4900
Vibration drilling (m/s <sup>2</sup> )	8.9	8.9
Vibration chiseling (m/s <sup>2</sup> )	9.5	9.5
Weight with battery pack (kg)	-	HD Box
Supplied in	-	Kitbox
Article Number	4933447420	4933451381
EAN Code	4002395006205	4002395160594

## M18 CDEX

### M18 FUEL™ SDS-PLUS DUST EXTRACTOR



- Designed to collect dust effectively with automatic operation from the tools on/off trigger switch
- HEPA Filter: widely regarded as the ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%
- Large dust collection box
- Dust extraction aluminium tube is adjustable according to the size of the drill bit and length 16 mm max and 90 mm depth
- Compatible with M18 CHX

M18 CDEX-0	
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Max. drill bit diameter (mm)	16
Max. drilling depth (mm)	90
Max. drill bit length (mm)	160
Stroke length (mm)	100
Weight without battery pack (kg)	1.6
Supplied in	-
Article Number	4933447450
EAN Code	4002395006243

## M18 CHXDE

### M18 FUEL™ SDS-PLUS HAMMER WITH DEDICATED DUST EXTRACTOR



- M18 CHX - M18 FUEL™ SDS-plus hammer
- M18 CDEX - M18 FUEL™ SDS-plus dust extractor

M18 CHXDE-502C	
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	100 min
Supplied in	Kitbox
Article Number	4933448185
EAN Code	4002395262755

## M18 CHPXDE

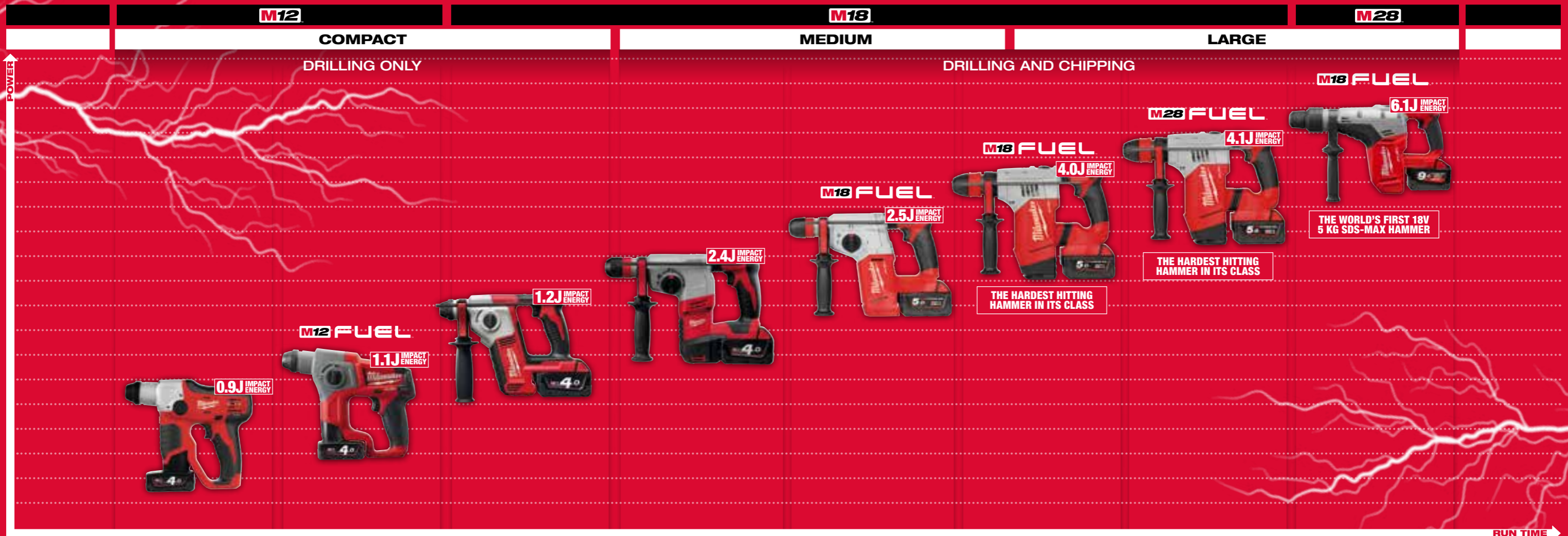
### M18 FUEL™ HIGH PERFORMANCE SDS-PLUS HAMMER WITH DEDICATED DUST EXTRACTOR








- M18 CHPX - M18 FUEL™ high performance SDS-plus hammer
- M18-28 CPDEX - M18-28 Fuel™ Heavy Duty dust extractor

M18 CHPXDE-502C	
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	100 min
Supplied in	Kitbox
Article Number	4933448180
EAN Code	4002395262748

# GET THE RIGHT TOOL & DUST EXTRACTION FOR THE JOB



	M12 H-402C	M12 CH-402C	M18 BH-402C	HD18 HX-402C	M18 CHX-502X	M18 CHPX-502X	M28 CHPX-502C	M18 CHM-902C	
<b>TOOL RECEPTION</b>	SDS-Plus	SDS-Plus	SDS-Plus	SDS-Plus	SDS-Plus	SDS-Plus	SDS-Plus	SDS-Max	<b>TOOL RECEPTION</b>
<b>DRILLING CAPACITY</b>	Ø 5.5 – 10 mm (max 13 mm)	Ø 5.5 – 12 mm (max 13 mm)	Ø 5.5 – 13 mm (max 16 mm)	Ø 6 – 18 mm (max 24 mm)	Ø 6 – 20 mm (max 26 mm)	Ø 7 – 22 mm (max 28 mm)	Ø 7 – 24 mm (max 28 mm)	Ø 16- 32 mm (max 40 mm)	<b>DRILLING CAPACITY</b>
<b>VIBRATION DRILLING</b>	6.7 m/s <sup>2</sup>	4.4 m/s <sup>2</sup>	10.3 m/s <sup>2</sup>	12.2 m/s <sup>2</sup>	8.9 m/s <sup>2</sup>	8.6 m/s <sup>2</sup>	8.1 m/s <sup>2</sup>	5.5 m/s <sup>2</sup>	<b>VIBRATION DRILLING</b>
<b>VIBRATION CHISELLING</b>	–	–	–	7.4 m/s <sup>2</sup>	9.5 m/s <sup>2</sup>	7.1 m/s <sup>2</sup>	8.1 m/s <sup>2</sup>	3.1 m/s <sup>2</sup>	<b>VIBRATION CHISELLING</b>
<b>ARTICLE NO.</b>	4933441164	4933441475	4933443330	4933441280	4933451381	4933451380	4933448010	4933451361	<b>ARTICLE NO.</b>
<b>USED WITH DUST EXTRACTOR</b>									<b>USED WITH DUST EXTRACTOR</b>
		M12 DE-201C 4933440500 (SOLD SEPARATELY)			M18 CHXDE-502C 4933448185 (SOLD AS SET)	M18 CHPXDE-502C 4933448180 (SOLD AS SET)	M28 CHPXDE-502C 4933448015 (SOLD AS SET)	PHDE72 4932430480 (SOLD SEPARATELY)	

## HD18 H

### M18™ HEAVY DUTY 4-MODE SDS HAMMER DRILL



- High powered motor gives corded tool performance
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Powerful hammer mechanism: delivers 2.4 J (EPTA) of impact energy
- All metal gear case: optimum seating for gears to enhance service life
- 4-mode operation: rotary hammer, hammer only, rotation only and variolock for maximum versatility
- Variolock and hammer stop function
- Mechanical clutch: protects tool when bit binds up
- Anti-Vibration-System: delivers max. comfort by minimising vibration
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 H-0C	HD18 H-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
Tool reception	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	2.4	2.4
Max. drilling wood (mm)	30	30
Max. drilling steel (mm)	13	13
Max. drilling concrete (mm)	24	24
Max. percussion rate (bpm)	4200	4200
Vibration drilling (m/s <sup>2</sup> )	12.2	12.2
Vibration chiseling (m/s <sup>2</sup> )	7.4	7.4
Weight with battery pack (kg)	-	3.5
Supplied in	Kitbox	Kitbox
Article Number	4933431578	4933443468
EAN Code	4002395242825	4002395004355

## HD18 HX

### M18™ HEAVY DUTY 4-MODE SDS HAMMER DRILL



- High powered motor gives corded tool performance
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Powerful hammer mechanism: delivers 2.4 J (EPTA) of impact energy
- All metal gear case: optimum seating for gears to enhance service life
- 4-mode operation: rotary hammer, hammer only, rotation only and variolock for maximum versatility
- Variolock and hammer stop function
- FIXTEC system - keyless chuck changing
- Mechanical clutch: protects tool when bit binds up
- Anti-Vibration-System delivers max. comfort by minimising vibration
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 HX-0	HD18 HX-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
Tool reception	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	2.4	2.4
Max. drilling wood (mm)	30	30
Max. drilling steel (mm)	13	13
Max. drilling concrete (mm)	24	24
Max. percussion rate (bpm)	4200	4200
Vibration drilling (m/s <sup>2</sup> )	12.2	12.2
Vibration chiseling (m/s <sup>2</sup> )	7.4	7.4
Weight with battery pack (kg)	-	3.7
Supplied in	-	Kitbox
Article Number	4933408320	4933441280
EAN Code	4002395239689	4002395001378

## M18 BH

### M18™ COMPACT SDS HAMMER



- Superior power to weight ratio in its class 2.5 kg 1.2 J (EPTA)
- Milwaukee®s high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 2-mode operation: choose rotary hammer or rotation only for maximum versatility
- Low vibration value of 10.3 m/s<sup>2</sup>
- Optimised hammer drilling from 4 to 10 mm, max diameter 16 mm
- Forward & reverse switch for added versatility in fastening applications
- 43 mm neck size - compatible with M12 DE dust extractor
- Fuel gauge displays remaining charge
- Brightest LED workspace illumination
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BH-0	M18 BH-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
Tool reception	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	1.2	1.2
Max. drilling wood (mm)	16	16
Max. drilling steel (mm)	10	10
Max. drilling concrete (mm)	16	16
Max. percussion rate (bpm)	7000	7000
Vibration drilling (m/s <sup>2</sup> )	10.3	10.3
Weight with battery pack (kg)	-	2.5
Supplied in	-	Kitbox
Article Number	4933443320	4933443330
EAN Code	4002395003730	4002395003747

## M18 CAG125XPDB

### M18 FUEL™ 125 MM BRAKING GRINDER



- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more tool life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- RAPIDSTOP™ for fastest disc brake in less than 2 seconds and best user protection
- Non-lockable safety paddle switch with line-lock-out function to prevent automatic start up
- Premium gearing system - same system as used at high performance corded grinders
- Slimmest handle design available on market with paddle switch
- Removable dust screen to prevent debris entrance, prolonging motor life
- 125 mm keyless guard - great cutting capacity and fast guard adjustment without using a spanner
- FIXTEC nut for tool-free disc change
- Anti-vibration side handle for lower vibration

	M18 CAG125 XPDB-0	M18 CAG125 XPDB-502X	M18 CAG125 XPDB-902X
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0	9.0
No. of batteries supplied	0	2	2
Charger supplied	-	59 min	100 min
No load speed (rpm)	8500	8500	8500
Disc diameter (mm)	125	125	125
Max. cutting depth (mm)	33	33	33
Spindle size	M 14	M 14	M 14
Weight with battery pack (kg)	-	2.7	3.0
Switch type	Paddle switch	Paddle switch	Paddle switch
Braking time (s)	< 2	< 2	< 2
FIXTEC flange nut	Yes	Yes	Yes
Line lock out function	Yes	Yes	Yes
Supplied in	-	HD Box	HD Box
Article Number	4933451009	4933451011	4933451471
EAN Code	4002395136629	4002395136643	4002395162819

## M18 CAG115XPDB

M18 FUEL™ 115 MM BRAKING GRINDER

M18 FUEL



- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more tool life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- RAPIDSTOP™ for fastest disc brake in less than 2 seconds and best user protection
- Non-lockable safety paddle switch with line-lock-out function to prevent automatic start up
- Premium gearing system - same system as used at high performance corded grinders
- Slimmest handle design available on market with paddle switch
- Removable dust screen to prevent debris entrance, prolonging motor life
- 115 mm keyless guard - great cutting capacity and fast guard adjustment without using a spanner
- FIXTEC nut for tool-free disc change
- Anti-vibration side handle for lower vibration
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

	M18 CAG115 XPDB-0	M18 CAG115 XPDB-502X
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	8500	8500
Disc diameter (mm)	115	115
Max. cutting depth (mm)	28	28
Spindle size	M 14	M 14
Weight with battery pack (kg)	-	2.7
Switch type	Paddle switch	Paddle switch
Braking time (s)	< 2	< 2
FIXTEC flange nut	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	-	HD Box
Article Number	4933451007	4933451010
EAN Code	4002395136605	4002395136636

## M18 CAG115XPD

M18 FUEL™ 115 MM ANGLE GRINDER

M18 FUEL



- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more motor life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Premium gearing system - same system as used at high performance corded grinders
- 115 mm keyless guard - great cutting capacity and fast guard adjustment without using a spanner
- 100% tool-free wheel change thanks to integrated FIXTEC system
- Slimmest handle design available on market with paddle switch
- Removable dust screen to prevent debris entrance, prolonging motor life
- Non-lockable safety paddle switch with line-lock-out function to prevent automatic start up
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 CAG115XPD-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	8500
Disc diameter (mm)	115
Max. cutting depth (mm)	28
Spindle size	M 14
Weight with battery pack (kg)	2.5
Switch type	Paddle switch
FIXTEC	Yes
Line lock out function	Yes
Supplied in	-
Article Number	4933447590
EAN Code	4002395006489

# DIAMOND PLUS™ WET / DRY HOLESAWS



Diamond grit edge drills and holesaws have been specially developed for professionals that need to drill in extremely hard materials such as porcelain/gres/quarry tiles, cast iron or fibreglass where it is increasingly difficult to drill with conventional holesaws. These holesaws guarantee excellent performance and superior life time even in the hardest of materials.

### FEATURES:

- **Water starved:** These holesaws only require limited water supply unlike conventional diamond drills that require a continuous flow of water. Just dip the drill bit or holesaw into water at the start of each hole to be cut and thereafter every 5 second cut duration.
- **Clean holes:** Drills clean, precise holes without any perimeter scratches.
- **Lifetime:** To ensure long lifetime, we use high grade diamond for fast cutting and a superior brazed bond matrix to give best durability.
- **Durability:** Tough alloy body which does not bend or distort easily.
- **Easy slug ejection:** Offset slug ejection slots for greater leverage when removing tight slugs.
- **Versatile:** Can be used either on angle grinders with relevant adaptor or with a drill.

### APPLICATION AREAS:

- **Ceramic tiles - all types hard and soft:** Porcelain/Gres/Granite/Quarry/Terrazzo/Artificial stone/Terracotta/Agglomerate/Glazed
- **Cast iron**
- **Fibreglass/GRP (Glass reinforced plastic)/Perspex**

Ø (mm)	Reception	Article Number
22	1/2" x 20	49565605
29	1/2" x 20	49565615
32	3/8" x 18	49565620
35	3/8" x 18	49565625
38	3/8" x 18	49565630
44	3/8" x 18	49565640
51	3/8" x 18	49565645
68	3/8" x 18	49565664

Description	Fits holesaw Ø	Shank reception	Holesaw or core reception	Article Number
Grinder adaptor.	Ø 22-29mm	M14	1/2" x 20	4932430464
Grinder adaptor.	Ø 32-68mm	M14	3/8" x 18	4932430465



## M18 CAG125XPD

**M18 FUEL™ 125 MM ANGLE GRINDER**

**M18 FUEL**



- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more motor life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Premium gearing system - same system as used at high performance corded grinders
- 125 mm keyless guard - great cutting capacity and fast guard adjustment without using a spanner
- 100% tool-free wheel change thanks to integrated FIXTEC system
- Slimmest handle design available on market with paddle switch
- Removable dust screen to prevent debris entrance, prolonging motor life
- Non-lockable safety paddle switch with line-lock-out function to prevent automatic start up
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Flexible battery system: works with all Milwaukee® M18™ batteries

**M18 CAG125XPD-0 M18 CAG125XPD-502X**

Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	8500	8500
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight with battery pack (kg)	-	2.5
Switch type	Paddle switch	Paddle switch
FIXTEC	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	-	HD Box
Article Number	4933447605	4933448864
EAN Code	4002395006502	4002395263479

## M18 CAG115X

**M18 FUEL™ 115 MM ANGLE GRINDER**

**M18 FUEL**



- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more motor life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Premium gearing system - same system as used at high performance corded grinders
- 115 mm keyless guard - great cutting capacity and fast guard adjustment without using a spanner
- 100% tool-free wheel change thanks to integrated FIXTEC system
- Slimmest handle design available on market
- Removable dust screen to prevent debris entrance, prolonging motor life
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Flexible battery system: works with all Milwaukee® M18™ batteries

**M18 CAG115X-0 M18 CAG115X-502X**

Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	8500	8500
Disc diameter (mm)	115	115
Max. cutting depth (mm)	28	28
Spindle size	M 14	M 14
Weight with battery pack (kg)	-	2.5
Switch type	Slide switch	Slide switch
FIXTEC	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	-	HD Box
Article Number	4933443925	4933448861
EAN Code	4002395004294	4002395263462

## M18 CAG125X

**M18 FUEL™ 125 MM ANGLE GRINDER**

**M18 FUEL**



- Milwaukee® designed and built brushless POWERSTATE™ motor with the power to grind and up to 10x more motor life
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Premium gearing system - same system as used at high performance corded grinders
- 125 mm keyless guard - great cutting capacity and fast guard adjustment without using a spanner
- 100% tool-free wheel change thanks to integrated FIXTEC system
- Slimmest handle design available on market
- Removable dust screen to prevent debris entrance, prolonging motor life
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Flexible battery system: works with all Milwaukee® M18™ batteries

**M18 CAG125X-0 M18 CAG125X-502X**

Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	8500	8500
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight with battery pack (kg)	-	2.5
Switch type	Slide switch	Slide switch
FIXTEC	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	-	HD Box
Article Number	4933443940	4933448866
EAN Code	4002395004317	4002395263486

## HD18 AG-115

**M18™ HEAVY DUTY 115 MM ANGLE GRINDER**



- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst (optimising) maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear case delivers heavy duty durability
- Reduced height of gear box and slim girth design deliver optimum ergonomics
- Non lockable switch for best user protection and preventing automatic start up
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- Multi position side handle for ease of use
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

**HD18 AG-115-0 HD18 AG-115-402C**

Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	9000	9000
Disc diameter (mm)	115	115
Max. cutting depth (mm)	28	28
Spindle size	M 14	M 14
Weight with battery pack (kg)	-	2.4
FIXTEC	No	No
Line lock out function	No	No
Supplied in	-	Kitbox
Article Number	4933411210	4933441300
EAN Code	4002395235681	4002395001415

## HD18 AG-125

### M18™ HEAVY DUTY 125 MM ANGLE GRINDER



- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst (optimising) maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear case delivers heavy duty durability
- Reduced height of gear box and slim girth design deliver optimum ergonomics
- Non lockable switch for best user protection and preventing automatic start up
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- Multi position side handle for ease of use
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 AG-125-0	HD18 AG-125-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	9000	9000
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight with battery pack (kg)	-	2.2
FIXTEC	No	No
Line lock out function	No	No
Supplied in	-	Kitbox
Article Number	4933441502	4933441507
EAN Code	4002395002177	4002395002184

## HD18 MS

### M18™ HEAVY DUTY METAL SAW



- Milwaukee® 4-pole frameless motor delivers 3600 rpm for fast cutting
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Compact, ergonomic design provides superior control over standard metal saws, reciprocating saws and band saws
- Tool-free depth adjustment quickly and easily adjusts cutting depth from 3 mm to 50 mm with a 135 mm blade
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Built in LED light illuminates the work surface
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 MS-0	HD18 MS-402B
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	3600	3600
Blade diameter (mm)	135	135
Bore size (mm)	20	20
Max. cut cap. in steel plate (mm)	1.6	1.6
Max. cutting capacity metal pipe Ø (mm)	50	50
Max. cutting capacity sections (mm)	51	51
Weight with battery pack (kg)	-	2.6
Supplied in	-	Tool bag
Article Number	4933427187	4933441390
EAN Code	4002395239078	4002395001590

## M18 FMDP

### M18 FUEL™ MAGNETIC DRILLING PRESS WITH PERMANENT MAGNET

- Milwaukee® designed and built brushless POWERSTATE™ motor provides corded drilling performance with strongest magnet holding force on 1/4" steel and 40 x 18 mm holes per battery charge
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload and blade lock-up protection and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- AUTOSTOP™ lift-off detection: Detects excess rotation and automatically cuts power to the drill for best user protection
- Self-powered permanent magnet with 8,890 N of holding force prevent accidental magnet deactivation for improved user protection and easy alignment
- 2 speed gear box for optimised drilling speed with 400 and 690 RPM's when using annual cutters or twist drill bits
- Maximum drilling capacity of 38 mm with use of annual cutters and 13 mm straight shank twist drill bits
- Keyless 19 mm Weldon reception for fast and easy accessory change
- On board magnet lubrication tank for fixing on the machine or on the material, especially when drilling in vertical positions
- 146 mm stroke length for usage of different accessories
- Tool-free detachable handle for right or left hand usage
- On board LED light to illuminate the work surface



M18 FMDP-502C	
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	59 min
No load speed (rpm)	400 / 690
Max. diameter broaching capacity (mm)	38
Max. depth broaching capacity (mm)	50
Max. drilling solid bit (mm)	13
Magn. holding power (at drill point pressure) (N)	8890
Stroke length (mm)	146
Weight with battery pack (kg)	13.0
Supplied in	Kitbox
Article Number	4933451012
EAN Code	4002395136650



Ø (mm)	Total length A (mm)	Packed contents	Article Number	EAN Code	Ø (mm)	Total length A (mm)	Packed contents	Article Number	EAN Code
12	30	1	4932371740	4002395344161	26	30	1	4932343282	4002395315253
13	30	1	4932371741	4002395344178	27	30	1	4932343283	4002395315260
14	30	1	4932343270	4002395315130	28	30	1	4932343284	4002395315277
15	30	1	4932343271	4002395315147	29	30	1	4932343285	4002395315284
16	30	1	4932343272	4002395315154	30	30	1	4932343286	4002395315291
17	30	1	4932343273	4002395315161	31	30	1	4932343287	4002395315307
18	30	1	4932343274	4002395315178	32	30	1	4932343288	4002395315314
19	30	1	4932343275	4002395315185	33	30	1	4932371742	4002395344185
20	30	1	4932343276	4002395315192	34	30	1	4932371743	4002395344192
21	30	1	4932343277	4002395315208	35	30	1	4932371744	4002395344208
22	30	1	4932343278	4002395315215	36	30	1	4932371745	4002395344215
23	30	1	4932343279	4002395315222	37	30	1	4932371746	4002395344222
24	30	1	4932343280	4002395315239	38	30	1	4932371747	4002395344239
25	30	1	4932343281	4002395315246					

## M18 CBS125

### M18 FUEL™ DEEP CUT BAND SAW



- Milwaukee® designed and built brushless POWERSTATE™ motor provides corded cutting performance with up to 10x more motor life and up to 2x more run time compared to other cordless solutions
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload and blade lock-up protection and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Largest cutting capacity up to 125 x 125 mm material diameter
- 5 step variable speed selection from 0 - 116 m/min
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Solid metal rafter hook for quick and easy jobsite storage
- Slim full metal motor housing design and LED work surface illumination for best cut visibility

	M18 CBS125-0	M18 CBS125-502C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (m/min)	0 - 116	0 - 116
Cutting capacity rect. stock (mm)	125 x 125	125 x 125
Blade length (mm)	1139.83	1139.83
Weight with battery pack (kg)	-	7.3
Supplied in	-	Kitbox
Article Number	4933447150	4933448195
EAN Code	4002395006038	4002395262779

## HD18 BS

### M18™ HEAVY DUTY METAL BANDSAW



- 4.8 kg compact light weight design for cutting overhead and in tight places
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- 85 mm cut capacity – cuts most common materials
- Tool-free adjustable material shoe – quickly adjusts the shoe and allows flush cuts when working with installed materials against walls and ceilings
- Blade ejection system – quickly change the blade by moving the material guide into the up position and depressing the blade ejection button
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 BS-0	HD18 BS-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	146	146
Cutting capacity rect. stock (mm)	85 x 85	85 x 85
Blade length (mm)	898.52	898.52
Weight with battery pack (kg)	-	4.8
Supplied in	-	Kitbox
Article Number	4933419122	4933441415
EAN Code	4002395238224	4002395001644

## M18 BMS12

### M18™ COMPACT METAL SHEAR



- Accurate cuts with maximum cutting depth of 1.2 mm in steel
- Unique 360° tool-free rotating head with 12 locking positions to access tight spaces and increasing user comfort
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- In-Line wrist design for increased control during cutting
- Variable speed trigger for extra control during cutting
- Belt clip for secure mobility
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BMS12-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	0 - 2500
Max. cutting capacity steel (mm)	1.2
Max. cutting capacity aluminium (mm)	2.0
Minimum cutting radius (mm)	180
Weight with battery pack (kg)	2.3
Supplied in	-
Article Number	4933447925
EAN Code	4002395006731

## M18 BMS20

### M18™ COMPACT METAL SHEAR



- Accurate cuts with maximum cutting depth of 2.0 mm in steel
- Unique 360° tool-free rotating head with 12 locking positions to access tight spaces and increasing user comfort
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- In-Line wrist design for increased control during cutting
- Variable speed trigger for extra control during cutting
- Belt clip for secure mobility
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BMS20-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	0 - 2500
Max. cutting capacity steel (mm)	2.0
Max. cutting capacity aluminium (mm)	3.2
Minimum cutting radius (mm)	180
Weight with battery pack (kg)	2.6
Supplied in	-
Article Number	4933447935
EAN Code	4002395006748

## HD18 SG

### M18™ HEAVY DUTY STRAIGHT GRINDER



- Long slender spindle neck for better access to awkward spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Digital electronic 2-speed for optimum use of consumables
- Battery lock out function to prevent unintended start up
- Full metal gear case for maximum durability
- Maximised airflow for cool running for extended periods
- 6 mm collet for use with common accessories
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 SG-0	HD18 SG-401C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	1
Charger supplied	-	80 min
No load speed gear 1 (rpm)	17,500	17,500
No load speed gear 2 (rpm)	21,500	21,500
Collet capacity (mm)	6	6
Weight with battery pack (kg)	-	3.0
Supplied in	-	Kitbox
Article Number	4933417820	4933426665
EAN Code	4002395239917	4002395002122

## M18 SMS216

### M18™ HEAVY DUTY MITRE SAW



- Milwaukee® powerful frameless motor delivers 2700 rpm for fast cutting
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Accuracy and durability are achieved with dual vertical steel rails with linear bearings which deliver smooth sliding action
- Rail lock - the saw head locks in the back position automatically
- Adjustable laser - for perfect and quick alignment to cut line
- Steel detent plate with preset angles - gives repeatable accurate cuts
- Lock lever/handle over mold - allows the user to make repeated cuts comfortably and without fatigue
- Mitre release system - for quick and smooth change of the cutting orientation
- Integral LED jobsite light illuminates the work area
- Spindle lock - for quick and easy blade change
- Heavy duty cast base and fence ensures durability and accuracy
- 48°/-2° bevel capacity
- Supplied with saw blade (48 teeth), blade spanner and work clamp

	M18 SMS216-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
No load speed (rpm)	2700
Blade diameter (mm)	216
Bevel capacity left (°)	48
Bevel capacity right (°)	-2
Mitre capacity left (°)	50
Mitre capacity right (°)	50
Max. cutting capacity 45° mitre/ 45° bevel (mm)	190 x 48
Max. cutting capacity 45° mitre/ 90° bevel (mm)	190 x 60
Max. cutting capacity 90° mitre/ 45° bevel (mm)	270 x 48
Max. cutting capacity 90° mitre/ 90° bevel (mm)	270 x 60
Bore size (mm)	30
Weight with battery pack (kg)	14.5
Supplied in	-
Article Number	4933446780
EAN Code	4002395005475

## M18 BMT

### M18™ COMPACT MULTI-TOOL



- Up to 50% faster and versatile cordless solution for cutting and removal applications with corded performance
- REDLINK™ overload protection and constant speed electronics in tool deliver best in class durability and performance
- 12 variable speed settings from 12,000 - 18,000 orbits per minute and 3.4° oscillation movement allows quick completion of professional applications into materials such as metal, wood and plastic
- Productivity enhancing FIXTEC tool free blade change with universal blade change adaptor included to accept all competitor blades
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Unique cutting depth stop adaptor to prevent over-cutting in material
- Unique dust extraction kit to keep the work space dust-free when connected to an AC or DC extraction system
- Brightest LED workspace illumination
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BMT-0	M18 BMT-421C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	1 x 2.0 & 1 x 4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
Oscillation angle left/ right (°)	1.7	1.7
No load speed (rpm)	12,000 - 18,000	12,000 - 18,000
Weight with battery pack (kg)	-	1.7
Supplied in	-	Kitbox
Article Number	4933446203	4933446210
EAN Code	4002395004928	4002395004911



19 mm plunge cut blade. Plunge / recess / flush cutting in wood and PVC.



32 mm plunge cut blade. Plunge / recess / flush cutting in wood and PVC.

Article Number	48900015	48900030
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32 mm fast cut Japanese tooth blade. For fast, clean cuts in soft and hard wood.



64 mm Bi-Metal wide blade. For cuts in sheet metal, nail embedded wood, plastic and fibreglass.

Article Number	48900035	48900100
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80 mm flush cut segmented blade. For accurate and flush cuts in wood and plastics.



80 mm Titanium flush segmented blade. Titanium coating for best wear resistance and double the lifetime. For accurate and flush cuts in sheet metal, nail embedded wood, plastic and fibreglass.

Article Number	48900015	48900030
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Grout removal blade. For removing damaged grout between wall or floor tiles. Also good for cutting grooves in drywall.



Flush cut carbide grit blade. For cutting grooves and slots in plaster, drywall and grout.

Article Number	48900035	48900100
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Sanding pad



Sanding paper. Hook & Loop. 8 pc pack.

Article Number	48900015	48900030
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## M18 CCS66

### M18 FUEL™ CIRCULAR SAW



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 2x more cuts per charge
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 190 mm blade which gives a 66 mm depth of cut enables the saw to cut three stacked OSB boards
- The saw blade is mounted on the right of the saw keeping the extracted dust away from the user
- 50° bevel capacity
- Magnesium upper and lower guards provide best in class durability for impact resistance
- Magnesium shoe reduces weight and maximises durability
- Integrated dust blower keeps cut line clear
- Hang hook allows safe storage of the tool
- Integrated battery fuel gauge & LED light
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 CCS66-0	M18 CCS66-502C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	59 min
No load speed (rpm)	5000	5000
Max. cutting depth 90° (mm)	66	66
Max. cutting depth 45° (mm)	48	48
Blade diameter (mm)	190	190
Bore size (mm)	30	30
Weight with battery pack (kg)	-	4.2
Supplied in	-	Kitbox
Article Number	4933447255	4933448160
EAN Code	4002395006083	4002395262663

## M18 CCS55

### M18 FUEL™ CIRCULAR SAW



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 3x longer motor life and up to 2x more cuts per charge
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- 50° bevel capacity
- Magnesium upper and lower guards provide best in class durability for impact resistance
- Magnesium shoe reduces weight and maximises durability
- Integrated dust blower keeps cut line clear
- Hang hook allows safe storage of the tool
- Integrated battery fuel gauge & LED light
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 CCS55-0	M18 CCS55-502X	M18 CCS55-902X
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0	9.0
No. of batteries supplied	0	2	2
Charger supplied	-	59 min	100 min
No load speed (rpm)	5000	5000	5000
Max. cutting depth 90° (mm)	55	55	55
Max. cutting depth 45° (mm)	41	41	41
Blade diameter (mm)	165	165	165
Bore size (mm)	15.87	15.87	15.87
Weight with battery pack (kg)	-	3.2	3.5
Supplied in	-	HD Box	HD Box
Article Number	4933446223	4933451376	4933451468
EAN Code	4002395004959	4002395160549	4002395162185

## HD18 CS

### M18™ HEAVY DUTY CIRCULAR SAW FOR WOOD AND PLASTIC



- Milwaukee® powerful 3500 rpm motor easily cuts most timber construction materials
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Large 50° bevel facility
- Magnesium upper and lower guards provide best in class durability for impact resistance
- Excellent visibility of cutting line
- Electronic motor brake, saw blade stops within seconds
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries
- Supplied with 24 tooth saw blade, parallel guide, dust port and allen key

	HD18 CS-0	HD18 CS-402B
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	3500	3500
Max. cutting depth 90° (mm)	55	55
Max. cutting depth 45° (mm)	39	39
Blade diameter (mm)	165	165
Bore size (mm)	15.87	15.87
Weight with battery pack (kg)	-	3.8
Supplied in	-	Tool bag
Article Number	4933419134	4933441400
EAN Code	4002395238248	4002395001613

## M18 CSX

### M18 FUEL™ SAWZALL®



- Milwaukee® designed and built brushless POWERSTATE™ motor for up to 5x longer motor life and up to 30% faster cutting
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 2.5x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Patented gear protecting clutch - extends gear and motor life by absorbing high impact forces caused by sudden blade lock-ups
- FIXTEC blade clamp for fast and easy blade changes without any key
- Adjustable shoe for optimised use of saw blades
- Integrated battery fuel gauge & LED light
- Durable metal rafter hang hook for work space management and safety
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 CSX-0	M18 CSX-502X	M18 CSX-902X
Voltage (V)	18	18	18
Battery type	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0	9.0
No. of batteries supplied	0	2	2
Charger supplied	-	59 min	100 min
Max. cutting depth in soft-wood (mm)	300	300	300
Max. cutting depth in steel (mm)	20	20	20
Max. cutting depth in aluminium (mm)	25	25	25
Max. cutting depth in non-ferrous metal (mm)	25	25	25
Max. cutting depth in metal pipe (mm)	150	150	150
No load stroke rate (spm)	0 - 3000	0 - 3000	0 - 3000
Stroke length (mm)	28.6	28.6	28.6
Weight with battery pack (kg)	-	4.1	4.4
Supplied in	-	HD Box	HD Box
Article Number	4933446085	4933451378	4933451470
EAN Code	4002395004713	4002395160563	4002395162802

## M18 BSX

### M18™ HEAVY DUTY SAWZALL®



- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Counter balance mechanism to reduce vibrations 15.2 m/s<sup>2</sup> in wooden beams
- 28.6 mm stroke length & 3000 strokes per minute for extremely fast cutting
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BSX-0	M18 BSX-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
Max. cutting depth in soft-wood (mm)	300	300
Max. cutting depth in steel (mm)	20	20
Max. cutting depth in aluminium (mm)	25	25
Max. cutting depth in non-ferrous metal (mm)	25	25
Max. cutting depth in metal pipe (mm)	150	150
No load stroke rate (spm)	3000	3000
Stroke length (mm)	28.6	28.6
Weight with battery pack (kg)	–	4.0
Supplied in	–	Kitbox
Article Number	4933447275	4933447285
EAN Code	4002395006113	4002395006120

## C18 HZ

### M18™ COMPACT ONE-HANDED HACKZALL™



- Milwaukee® high performance compact one handed use hacksaw, measuring only 375mm in length, makes it ideal for working within confined spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Dual gear counter balance reduces vibration and increases tool life
- Milwaukee® patented FIXTEC clamp for fast keyless blade change
- 20 mm stroke length for controlled cutting with a no load stroke rate of 3000 spm
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Built in LED light illuminates the work surface
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	C18 HZ-0	C18 HZ-402B
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load stroke rate (spm)	0 - 3000	0 - 3000
Stroke length (mm)	20	20
Weight with battery pack (kg)	–	2.5
Supplied in	–	Tool bag
Article Number	4933416785	4933441340
EAN Code	4002395237982	4002395001491

## HD18 JS

### M18™ HEAVY DUTY JIGSAW



- Milwaukee®'s high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Keyless bevel facility on base plate allowing adjustments of 0-45°
- 5 stage pendulum action for increased performance
- Oversized blade roller support for increased blade stability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 JS-0	HD18 JS-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load stroke rate (spm)	0 - 2200	0 - 2200
Max. cutting capacity wood (mm)	135	135
Max. cutting capacity steel (mm)	10	10
Stroke length (mm)	25	25
Weight with battery pack (kg)	–	3.4
Supplied in	–	Kitbox
Article Number	4933411170	4933441405
EAN Code	4002395235612	4002395001620

## HD18 JSB

### M18™ HEAVY DUTY BODY GRIP JIGSAW



- Milwaukee® 4-pole frameless motor delivers 2700 rpm for fast cutting
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Soft start & 2-speed selector switch for ideal speed in different materials
- Patented FIXTEC system for fast keyless blade change and bevel adjustment with snap-in at 0° and 45°
- 4 stage pendulum action for increased performance
- Adjustable saw dust blower
- Exact saw blade guidance with large blade support roller on needle bearings fitted in a very low position
- Die-cast base plate for high durability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 JSB-0	HD18 JSB-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	4.0
No. of batteries supplied	0	2
Charger supplied	–	80 min
No load stroke rate (spm)	2050 / 2700	2050 / 2700
Max. cutting capacity wood (mm)	120	120
Max. cutting capacity steel (mm)	10	10
Mitre capacity (°)	45	45
Stroke length (mm)	26	26
Weight with battery pack (kg)	–	2.9
Supplied in	–	Kitbox
Article Number	4933417845	4933426660
EAN Code	4002395241590	4002395002139

## M18 BP

### M18™ PLANER



- Milwaukee®'s high performance 4-pole motor delivers 14,000 rpm to achieve optimum surface finish
- REDLINK™ overload protection and constant speed electronics in tool deliver best in class durability and performance
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Faster material removal with two double edged carbide blades over a planing width of 82 mm
- Adjustable depth of cut from 0 to 2 mm with twenty locking positions allows the user to accurately set the amount of material to be removed in one pass
- Up to 10.7 mm of rebate depth
- Left or right chip ejection allows the user to keep the chips away from his face when planing
- Extended front shoe allows the tool to be placed on the work piece accurately and quickly
- A kick stand located on the base protects the work piece from accidental damage
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability

	M18 BP-0	M18 BP-402C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	4.0
No. of batteries supplied	0	2
Charger supplied	-	80 min
No load speed (rpm)	14,000	14,000
Cutting width (mm)	82	82
Max. cutting depth (mm)	2	2
Rebate depth (mm)	10.7	10.7
Weight with battery pack (kg)	-	2.7
Supplied in	-	Kitbox
Article Number	4933451113	4933451114
EAN Code	4002395137374	4002395137381

## HD18 PXP

### M18™ HEAVY DUTY UPONOR Q&E EXPANSION TOOL



- Auto rotating head 12 mm to 40 mm (6 bar) and to 32 mm (10 bar) provides accurate, one-handed expansion
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Quick cam mechanism - single pull continuous action installs Q&E up to 4x faster
- Steel gears and integrated magnesium frame
- Robust D-handle design for easy installation of Q&E fittings
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	HD18 PXP-H06202C	HD18 PXP-H10202C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	2	2
Charger supplied	40 min	40 min
Stroke length (mm)	14	25
Speed (spm)	45	45
Included heads	16/20/25/32 mm	16/20/25/H32 mm
Head type	Auto-rotating	Auto-rotating
Weight with battery pack (kg)	3.5	3.5
Supplied in	Kitbox	Kitbox
Article Number	4933441771	4933441774
EAN Code	4002395001835	4002395001842

## M18 BLHPT

### M18™ FORCE LOGIC™ COMPACT BRUSHLESS PRESSTOOL

- New compact brushless motor in FORCE LOGIC™ press tools delivers up to 10% faster connections and 20% more runtime
- Most compact in-line design with 13% less weight for easy operation
- One hand operated tool for over head applications and working in narrow spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Battery-tool communication: press operation doesn't start to prevent incomplete pressing in case of low charged battery. Pre-press battery check ensures enough charge to complete each press
- FORCE LOGIC™ press indicator: provides visual confirmation of a quality connection
- FORCE LOGIC™ long life reliability: Industry-leading 40,000 cycles between calibration inspections - The tool will continue to work after reaching 40,000 cycles
- Service intervals: advanced FORCE LOGIC™ electronics count cycles and notify users when tool reaches calibration intervals
- Allows to press system related up to 108 mm copper pipes and 110 mm composite pipes
- Universal jaw reception to fit most common jaws available on the market
- REDLINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries



	M18 BLHPT-202C	M18 BLHPT-202C M-SET	M18 BLHPT-202C V-SET	M18 BLHPT-202C TH-SET	M18 BLHPT-202C U-SET
Voltage (V)	18	18	18	18	18
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0	2.0	2.0	2.0
No. of batteries supplied	2	2	2	2	2
Charger supplied	40 min	40 min	40 min	40 min	40 min
Press cycles	40,000	40,000	40,000	40,000	40,000
Press force (kN)	32	32	32	32	32
Max. press size in metal (mm)	108	108	108	108	108
Max. press size in plastic (mm)	110	110	110	110	110
Weight with battery pack (kg)	2.9	2.9	2.9	2.9	2.9
Standard equipment	-	3 x M-profile jaws (15/22/28 mm)	3 x V-profile jaws (15/22/28 mm)	3 x TH-profile jaws (16/20/32 mm)	3 x U-profile jaws (16/20/25 mm)
Supplied in	Kitbox	Kitbox	Kitbox	Kitbox	Kitbox
Article Number	4933451132	4933451133	4933451134	4933451135	4933451136
EAN Code	4002395138012	4002395138029	4002395138036	4002395138043	4002395138050

Jaw profile	Fits to following pipe system suppliers	Nominal size	Requires	Article Number	EAN Code	
M	Geberit: Mapress VSH: X-Press Eurotubi Raccorderie Metallique Rubinetteria Bresciana Sanha: Nirosoan Pegler Yorkshire	M12	-	4932430244	4002395379057	
		M15	-	4932430246	4002395379071	
		M18	-	4932430248	4002395379095	
		M22	-	4932430250	4002395379118	
		M28	-	4932430252	4002395379132	
		M35	-	4932430254	4002395379156	
		M42	RJA-1	4932430255	4002395379163	
		M54	RJA-1	4932430256	4002395379170	
V	Viega Comap IBP Sanha: Nirosoan	V12	-	4932430261	4002395379224	
		V15	-	4932430263	4002395379248	
		V18	-	4932430265	4002395379262	
		V22	-	4932430267	4002395379286	
		V28	-	4932430269	4002395379309	
		V35	-	4932430271	4002395379323	
		V42	RJA-1	4932430272	4002395379330	
		V54	RJA-1	4932430273	4002395379347	
TH	ALB Comap Frankische Henco (TH14 - TH25 only) IPA Sanha Tiemme	TH14	-	4932430275	4002395379361	
		TH16	-	4932430277	4002395379385	
		TH18	-	4932430279	4002395379408	
		TH20	-	4932430281	4002395379422	
		TH25	-	4932430355	4002395380169	
		TH26	-	4932430284	4002395379453	
		TH32	-	4932430286	4002395379477	
		TH40	RJA-1	4932430288	4002395379491	
		TH50	RJA-1	4932430289	4002395379507	
		TH63	RJA-1	4932430290	4002395379514	
U	ALB Uponor: Unipipe, Airpipe Kan: Kan-therm Wavin: Press-Systeme Frankische: AlpeX F50 Profi DW Verbundrohr Multitubo IBP->B<Flex KE Kelit: Kelit Kelox Jupiter: Heizsystem Ring jaw adaptor.	U14	-	4932430292	4002395379538	
		U16	-	4932430294	4002395379552	
		U18	-	4932430296	4002395379576	
		U20	-	4932430298	4002395379599	
		U25	-	4932430300	4002395379613	
		U32	-	4932430302	4002395379637	
		U40	RJA-1	4932430304	4002395379651	
		U50	RJA-1	4932430305	4002395379668	
		U63	RJA-1	4932430306	4002395379675	
		Ring jaw adaptor.	-	4932430307	4002395379682	

## C18 PCG/600

**M18™ HEAVY DUTY CAULK GUN WITH 600 ML TUBE**



- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	C18 PCG/600A-201B	C18 PCG/600T-201B
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	1	1
Charger supplied	40 min	40 min
Max. pushing force (N)	4500	4500
Speed settings	6	6
Standard equipment	600 ml alum. tube	600 ml transp. tube
Weight with battery pack (kg)	2.3	2.3
Supplied in	Tool bag	Tool bag
Article Number	4933441305	4933441808
EAN Code	4002395001422	4002395002375

## C18 PCG/400

**M18™ HEAVY DUTY CAULK GUN WITH 400 ML TUBE**



- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	C18 PCG/400T-201B
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	2.0
No. of batteries supplied	1
Charger supplied	40 min
Max. pushing force (N)	4500
Speed settings	6
Standard equipment	400 ml transparent tube
Weight with battery pack (kg)	2.3
Supplied in	Tool bag
Article Number	4933441812
EAN Code	4002395002368

## C18 PCG/310

**M18™ HEAVY DUTY CAULK GUN WITH 310 ML CANISTER**



- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- On board fuel gauge and LED light
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	C18 PCG/310C-201B
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	2.0
No. of batteries supplied	1
Charger supplied	40 min
Max. pushing force (N)	4500
Speed settings	6
Standard equipment	310 ml canister cartridge holder
Weight with battery pack (kg)	2.3
Supplied in	Tool bag
Article Number	4933441310
EAN Code	4002395001439

## M18 GG

**M18™ HEAVY DUTY GREASE GUN**



- Powerful 18V motor delivers over 562 bar max. operating pressure
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Best in class run time - dispenses up to 7 cartridges per charge
- Superior handle balance and ergonomics - only 355 mm long and 3.9 kg
- Air bleeder valve - priming mechanism for quick flow
- Integrated hose storage, shoulder strap loop and LED fuel gauge - added user convenience and less down time
- Three way loading - bulk, cartridge and suction capable
- Grease capacity 400 ml cartridge, 473 ml bulk
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries
- 1219 mm high pressure flex hose with spring guard

	M18 GG-0	M18 GG-201C
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	40 min
Pressure (bar)	562	562
Weight with battery pack (kg)	-	3.9
Supplied in	-	Kitbox
Article Number	4933440493	4933440490
EAN Code	4002395000357	4002395000340



# M18 FORCELOGIC™ CRIMPERS AND CUTTERS

FORCELOGIC™ tools are innovative, easy to use while delivering high performance and great run time. Whether it's a knockout system that can be set-up without the weight of the tool for the easiest way to punch or a crimper that moves the hand into a position closer to the jaws creating unrivalled control and accuracy, FORCELOGIC™ tools always deliver a smarter way to work.



## THE MOST RELIABLE AND ACCURATE WAY TO CRIMP



### PROTECTIVE FORCE MONITORING

- Controls crimp cycle for perfect results
- A fast & hard start of cycle and slow & soft end ensure max. speed and max. accuracy
- Ensures optimal pressure every time and visualises with a green light

### BEST PROTECTION AGAINST THE ELEMENTS

- Sealed electronics keep dirt, dust, grime & moisture out
- Hydraulic system optimized for consistent performance: -18°C to 55°C



BALANCED GRIP

## M18 HCCT

### M18™ FORCE LOGIC™ HYDRAULIC CABLE CRIMPER



- FORCE LOGIC™ hydraulic cable crimper crimps connectors in less than 3 seconds with 53 kN of force
- Milwaukee® designed and built brushless POWERSTATE™ motor delivers up to 4x more motor life
- Best balanced tool and easiest control due to one hand operation
- Compact in-line and slim jaw design with 350° rotatable head allows easy crimps, even in narrow spaces
- Revolutionary jaw holds connector for best alignment of cable and connector
- PFM™ (Predictive Force Monitoring): Automatically modifies output based on connector, ensuring optimal pressure every time and visualizes with a green light
- Allows connectors up to 300 mm<sup>2</sup> in copper and 150 mm<sup>2</sup> in aluminium
- Universal die reception to fit most common 60 kN U-Dies (C shaped dies) on the market
- Tool records & stores every crimp made. ONE-KEY™ enabled for professional report buildings via ONE-KEY™ adaptor or ONE-KEY™ app
- FORCE LOGIC™ long life reliability: Industry-leading 30,000 cycles between calibration inspections - The tool will continue to work after reaching 30,000 cycles
- Sealed electronics resist harsh environments with dirt, dust and moisture

	M18 HCCT-201C
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	2.0
No. of batteries supplied	1
Charger supplied	80 min
Crimping force (kN)	53
Crimping range (mm <sup>2</sup> )	16 - 300
Crimping time (s)	< 3
Crimps per battery	> 250 on a 70 mm <sup>2</sup> copper connector
Press cycles	40,000
Weight with battery pack (kg)	3.7
Supplied in	Kitbox
Article Number	4933451194
EAN Code	4002395138821

## M18 HCC ACSR-SET

### M18™ FORCE LOGIC™ HYDRAULIC CABLE CUTTER



- FORCE LOGIC™ hydraulic cable cutter cuts cables in less than 4 seconds with 53 kN of force
- Milwaukee® designed and built brushless POWERSTATE™ motor delivers up to 4x more motor life
- Cuts ACSR and ACSS cables up to 22.5 mm
- Best balanced tool and easiest control due to one hand operation
- Optimal blade geometry and patented anti-spreading jaw design delivers installation ready cuts
- Compact in-line and slim jaw design with 350° rotatable head allows easy cuts, even in narrow spaces
- Jaws automatically open when a cut is complete
- Sealed electronics resist harsh environments with dirt, dust and moisture
- Integrated hang hook that is compatible with hand lines for improved jobsite safety
- On board fuel gauge and LED light
- REDLINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 HCC-0 ACSR-SET	M18 HCC-201C ACSR-SET
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	80 min
Cutting force (kN)	53	53
Max. cutting diameter (mm)	22.5	22.5
Cutting time (s)	< 3	< 3
Cuts per battery	> 250 on a 477 ACSR cable	> 250 on a 477 ACSR cable
Weight with battery pack (kg)	-	3.7
Standard equipment	ACSR jaw	ACSR jaw
Supplied in	Kitbox	Kitbox
Article Number	4933451198	4933451196
EAN Code	4002395138869	4002395138845

## M18 HCC CU/AL-SET

### M18™ FORCE LOGIC™ HYDRAULIC CABLE CUTTER



- FORCE LOGIC™ hydraulic cable cutter cuts cables in less than 4 seconds with 53 kN of force
- Milwaukee® designed and built brushless POWERSTATE™ motor delivers up to 4x more motor life
- Cuts copper and aluminium cables up to 35 mm
- Best balanced tool and easiest control due to one hand operation
- Optimal blade geometry and patented anti-spreading jaw design delivers installation ready cuts
- Compact in-line and slim jaw design with 350° rotatable head allows easy cuts, even in narrow spaces
- Jaws automatically open when a cut is complete
- Sealed electronics resist harsh environments with dirt, dust and moisture
- Integrated hang hook that is compatible with hand lines for improved jobsite safety
- On board fuel gauge and LED light
- REDLINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 HCC-0 CU/AL-SET	M18 HCC-201C CU/AL-SET
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	2.0
No. of batteries supplied	0	1
Charger supplied	-	80 min
Cutting force (kN)	53	53
Max. cutting diameter (mm)	35	35
Cutting time (s)	< 3	< 3
Cuts per battery	> 250 on a 4 x 50 mm <sup>2</sup> copper cable	> 250 on a 4 x 50 mm <sup>2</sup> copper cable
Weight with battery pack (kg)	-	3.7
Standard equipment	CU/AL jaw	CU/AL jaw
Supplied in	Kitbox	Kitbox
Article Number	4933451201	4933451199
EAN Code	4002395138890	4002395138876

## M18 HKP

### M18™ FORCE LOGIC™ HYDRAULIC KNOCKOUT PUNCH



- FORCE LOGIC™ hydraulic knockout punch is the most compact and lightweight tool on the market with 60 kN of force
- The easiest way to punch - for fast, accurate, round, and burr free holes
- Highest accuracy due industry's finest exact alignment system for dies
- Best balanced tool and easiest control due to one hand operation
- Quick connector allows easy set-up of punch and die without carrying the weight of the tool
- Tool punches up to Ø100 mm holes into 3.0 mm mild steel or 2.5 mm stainless steel
- Compatible with most common punches and dies available on market
- Easiest, less strenuous and nonexpendable way of making holes into sheet metal
- On board fuel gauge and LED light
- REDLINK™ individual battery cell monitoring optimises tool run time and ensures long term pack durability
- REDLITHIUM-ION™ battery pack delivers up to 2x more run time, up to 20% more power, up to 2x more battery life and operates better down to -20°C than other lithium-ion technologies
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 HKP-201C	M18 HKP-201CA
Voltage (V)	18	18
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	2.0	2.0
No. of batteries supplied	1	1
Charger supplied	80 min	80 min
Punching force (kN)	60	60
Max. punching diameter (mm)	100	100
Max. material thickness (mm)	2.5 in stainless and 3.0 in mild steel	2.5 in stainless and 3.0 in mild steel
Standard equipment	1/16" draw stud, 3/4" draw stud, quick connector, ball pull, adaptor	1/16" draw stud, 3/4" draw stud, quick connector, ball pull, adaptor, punches and dies: M16, M20, M25, M32, M40
Weight with battery pack (kg)	2.3	2.3
Supplied in	Kitbox	Kitbox
Article Number	4933451202	4933451204
EAN Code	4002395138906	4002395138920

## M18 JSR

### M18™ JOBSITE RADIO



- High performance audio system - AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Dual speaker with passive radiators - deliver loud, clear sound with deep, accurate bass
- Customizable equalizer for enhanced sound quality and 10-station preset
- Shock absorbing end caps and metal speaker grills - protect from drops, water and debris on the jobsite
- Integrated handles - allow for easy transport and storage
- Powered by Milwaukee® M18™ batteries or AC outlet. Up to 12 hours of runtime with an M18™ REDLITHIUM-ION™ 5.0 Ah battery pack
- Weather sealed device compartment protects mobile devices
- Protected 2.1 A USB power outlet - charges electronic devices in both AC and DC mode
- Supplied with auxiliary input cord, 2 x AAA batteries. Milwaukee® batteries sold separately

	M18 JSR-0
Voltage (DC) (V)	18
Voltage (AC) (V)	220 - 240
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Tuning range AM (kHz)	522 - 1629
Tuning range FM (MHz)	87.50 - 108.00
Dimensions (mm)	402 x 197 x 197
Weight with battery pack (kg)	4.9
Supplied in	-
Article Number	4933451250
EAN Code	4002395167753

## M18 JSR DAB+

### M18™ JOBSITE RADIO DAB+



- High performance audio system - DAB+ / FM tuner with digital processor delivers highest reception accuracy and signal clarity
- DAB+ gives best sound quality and additional information like: song, artist and accurate time
- Dual speaker with passive radiators - deliver loud, clear sound with deep, accurate bass
- Customizable equalizer for enhanced sound quality and 10-station preset
- Shock absorbing end caps and metal speaker grills - protect from drops, water and debris on the jobsite
- Integrated handles - allow for easy transport and storage
- Powered by Milwaukee® M18™ batteries or AC outlet. Up to 12 hours of runtime with an M18™ REDLITHIUM-ION™ 5.0 Ah battery pack
- Weather sealed device compartment protects mobile devices
- Protected 2.1 A USB power outlet - charges electronic devices in both AC and DC mode
- Supplied with auxiliary input cord, 2 x AAA batteries. Milwaukee® batteries sold separately

	M18 JSR DAB+-0
Voltage (DC) (V)	18
Voltage (AC) (V)	220 - 240
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Tuning range AM (kHz)	-
Tuning range FM (MHz)	87.50 - 108
Tuning range DAB+ (MHz)	174.928 - 239.20
Dimensions (mm)	402 x 197 x 197
Weight with battery pack (kg)	4.9
Supplied in	-
Article Number	4933451251
EAN Code	4002395167760

## M18 RC

### M18™ JOBSITE RADIO/CHARGER



- Built in charger function allows for quick, convenient charging of any M18™ battery or electronic devices via USB port
- Digital bluetooth receiver: play music up to 30 m away from your smartphone, computer, or tablet
- AC/DC versatility: powered by Milwaukee® M18™ batteries, or 230 V mains supply
- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Premium speaker and 40 W amplifier produce rich, full sound
- Weather sealed auxiliary compartment protects Mp3 players and other audio devices
- Reinforced roll cage and metal handles protects against abusive jobsite conditions
- Customizable equalizer and 10-station preset
- Protected 2.1 Amp USB power outlet charges devices in both AC and DC mode
- Supplied with auxiliary input cord, 2 x AAA batteries. Milwaukee® batteries sold separately

	M18 RC-0
Voltage (DC) (V)	18
Voltage (AC) (V)	220 - 240
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Dimensions (mm)	300 x 307 x 370
Speaker output (W)	40
Weight (kg)	7.7
Supplied in	-
Article Number	4933446639
EAN Code	4002395005420

## M18 VC

### M18™ HEAVY DUTY 7.5 L WET/DRY VACUUM



- Powerful 18V motor with a maximum air flow of 1246 l/min / 80 bar suction power
- HEPA rated 99.7 % high efficiency wet/dry filter: for fine dust collection
- Built-in blower: provides 21 l/sec of air flow for maximum efficiency
- 7.5 l capacity: reduces downtime to emptying
- Stackable tool box design: for added portability and easier storage
- On-board accessory and hose storage: quick access to accessories
- Flexible battery system: works with all Milwaukee® M18™ batteries
- Supplied with washable filter, hose, crevice tool and utility nozzle

	M18 VC-0
Voltage (V)	18
Battery type	Li-Ion & PBS 3000
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Capacity solids (l)	9.65
Capacity liquids (l)	7.5
Hose diameter (mm)	31.5 / 41.7
Hose length (m)	1.8
Max. vacuum (mbar)	80
Air volume (l/min)	1246
Filter type	Wet/Dry
Weight with battery pack (kg)	5.4
Supplied in	-
Article Number	4933433601
EAN Code	4002395243037

## M18 BBL

### M18™ COMPACT BATTERY BLOWER



- Compact body - clears dirt and debris in tight spaces
- Power control - 3 speed settings with variable speed trigger
- Versatile attachments - nozzle extension (228.6 mm), universal inflator/deflator attachment
- Removable nozzle for easy, convenient storage
- Lock-on switch
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 BBL-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Air volume (m³/min)	0 - 2.9
Airflow speed (km/h)	0 - 42.8
Fan speed (rpm)	0 - 18,700
Length without nozzle (mm)	375
Weight with battery pack (kg)	1.2
Supplied in	-
Article Number	4933446216
EAN Code	4002395004942

## M18 AF

### M18™ AIR FAN

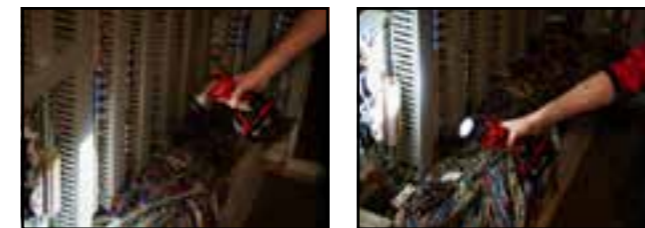


- AC/DC, allows the user to run on M18™ REDLITHIUM-ION™ or AC power when available
- Three speed settings for optimized air flow up to 1290 meters per hour
- Efficient air circulation circulates the air within a 3.6 m x 4 m room
- Adjustable head allows the user to utilize the fan in various heights and positions over a range of 120°
- Three hours run time on speed three with a M18™ REDLITHIUM-ION™ 4.0 Ah battery pack
- Compact design with integrated carry handle to maximise portability
- Rubber feet provides stability and no surface scratches
- Fixing points gives the user the option to wall mount the fan if needed
- AC adaptor supplied

	M18 AF-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Airflow speed 1 (m³/h)	760
Airflow speed 2 (m³/h)	1000
Airflow speed 3 (m³/h)	1290
Weight with battery pack (kg)	2.7
Supplied in	-
Article Number	4933451022
EAN Code	4002395136971

## M18 TLED

### M18™ LED TORCH



- The 160 Lumen LED light is 2x brighter and whiter than conventional incandescent bulbs
- M18™ LED electronics deliver 2x longer run time on a single charge with less heat
- Sealed aluminum head is designed for impact- and weather-resistant durability
- 135° rotating head allows the user to easily direct the light beam at the desired work area
- Integrated hook for hands-free use
- Flexible battery system: works with all Milwaukee® M18™ batteries

	M18 TLED-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	160 / - / - / -
Weight with battery pack (kg)	0.7
Supplied in	-
Article Number	4932430361
EAN Code	4002395380220

## M18 IL

### M18™ TRUEVIEW™ INSPECTION LIGHT



- TRUEVIEW™ HIGH OUTPUT LIGHTING solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day. Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today
- Three LED design with 2 light settings provides 300 Lumens on High and 130 Lumens on Low setting
- Pivoting 45° forward & backward head allows for 180° coverage
- Removable lens plate provides user the ability to replace lens plates when damaged instead of replacing entire unit
- 2 adjustable metal hooks for hanging in vertical and horizontal position
- Up to 15 hours of run time with a M18™ REDLITHIUM-ION™ 4.0 Ah battery pack on high light setting
- Thanks to its compact design it operates in locations other lights cannot
- Protected against splashing water at all angles (IP24)

	M18 IL-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	300 / - / 130 / -
Weight with battery pack (kg)	1.2
Supplied in	-
Article Number	4932430564
EAN Code	4002395382255

# TRUEVIEW™ HIGH OUTPUT LIGHTING

## WE MAKE LIGHT WORK

TRUEVIEW™ lighting solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day.

Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today.



**M12**  
LED TORCH

**M12**  
TRUEVIEW™ LED SPOT LIGHT

**M18**  
LED TORCH

**M12**  
TRUEVIEW™ STICK LIGHT

**M18**  
TRUEVIEW™ INSPECTION LIGHT

**M12**  
TRUEVIEW™ LED LANTERN LIGHT

**M18**  
TRUEVIEW™ LED LANTERN LIGHT

**M18**  
TRUEVIEW™ LED AREA LIGHT

**M18**  
TRUEVIEW™ LED STAND LIGHT

FROM TASK LIGHTING ...

... TO AREA LIGHTING

### ADAPTS

TRUEVIEW™ offers professionals the ability to bring light directly to their work as well as control beam intensity and directions for greater productivity on the jobsite.

### PERFORMS

Through the use of high quality LEDs, Milwaukee® designed optics and REDLITHIUM-ION™ battery packs, TRUEVIEW™ lights shine brighter and last longer.

### SURVIVES

Reinforced, impact resistant housings and lenses stand up to the challenges of industrial use, and superior temperature management protects LEDs throughout their life.

## M18 AL

### M18™ TRUEVIEW™ AREA LIGHT



- TRUEVIEW™ HIGH OUTPUT LIGHTING solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day. Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today
- Eight high performance LEDs provide 1500 Lumen light output - up to 30% brighter than 250 W halogen lights
- Up to 8 hours of run time with a M18™ REDLITHIUM-ION™ 4.0 Ah battery pack on two brightness levels whilst remaining cool to human touch
- Compact roll cage design provides superior durability
- Convenient built-in handle - ability to hang vertically or horizontally
- Flexibility to mount vertically on a max. 13 mm diameter pipe, threaded rod or rebar to maximise hands-free operation
- Flexible battery system: works with all Milwaukee® M18 batteries™

	M18 AL-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	1500 / - / 780 / -
Weight with battery pack (kg)	2.1
Supplied in	-
Article Number	4932430392
EAN Code	4002395380534

## M18 LL

### M18™ TRUEVIEW™ LANTERN LIGHT



- TRUEVIEW™ HIGH OUTPUT LIGHTING solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day. Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today
- 180° - 360° adjustable beam - versatile design, allows the user to select between area lighting and task lighting
- Best-in-class performance - unmatched light output 700 Lumens, designed to illuminate large areas
- High powered USB charger charges tablets, smart phones, MP3 players and other electronic devices
- Job site durability - rugged designed with impact resistant lens to withstand abusive job site conditions
- 4 light settings - provides 700 Lumens on High & Strobe (100%), 350 Lumens on Medium (50%), 70 Lumens on Low (10%)
- Up to 9 hours of run time with a M18™ REDLITHIUM-ION™ 4.0 Ah battery pack on high light setting
- 2 hooks for hanging
- Protected against splashing water at all angles (IP24)

	M18 LL-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	700 / 350 / 70 / 700
Beam distance (m)	29
Weight with battery pack (kg)	1.4
Supplied in	-
Article Number	4932430563
EAN Code	4002395382248

# M18 SAL

## M18™ TRUEVIEW™ STAND LIGHT

- TRUEVIEW™ HIGH OUTPUT LIGHTING solutions combine the most advanced LED technology, versatile product designs and REDLITHIUM-ION™ batteries to provide our core tradesmen greater productivity as they take on their day. Every TRUEVIEW™ light ADAPTS, PERFORMS and SURVIVES unlike any other light used by professionals today
- 3 light settings - twelve high performance LEDs provide 2000 Lumens on High light output which is brighter than 250 watt halogen, 1300 Lumens on Medium light output and 850 Lumens on Low light output
- Impact resistant adjustable head with highly durable polycarbonate lens can be rotated 230° vertically and pivoted 240° horizontally
- Protective guard secures the head and lens when the light is collapsed for storage or transport
- Extendable mast which reaches from 1.10 m to over 2.20 m to light up work spaces from top without casting shadows
- 10 hours of runtime on Low light output, 6 hours on Medium light output and 4 hours of run time on Low light output with an M18™ REDLITHIUM-ION™ 5.0 Ah battery pack
- IP54 - protected from dust and splashing water
- Compact footprint with low center of gravity and impact resistant reinforced nylon legs to protect against abusive jobsite conditions
- Carry handles on two positions for easy one handed transport: weight is evenly balanced when compressed
- Low battery indicator - light flashes when battery pack is low


**M18 SAL-0**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
System	M18
Battery compatibility	All Milwaukee® M18™ batteries
Bulb type	LED
Max. light output High/Medium/Low/Strobe (Lumens)	2000 / 1300 / 850 / -
Weight with battery pack (kg)	7.3
Supplied in	-
Article Number	4933451246
EAN Code	4002395167708



3 light settings - twelve high performance LEDs



Extendable mast which reaches from 1.10 m to over 2.20 m



Impact resistant reinforced nylon legs

# M18 FPP2A

**M18 FUEL**

## M18 FUEL™ POWERPACK

- M18 FPD - M18 FUEL™ percussion drill
- M18 FID - M18 FUEL™ 1/4" Hex impact driver


**M18 FPP2A-502X**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	59 min
Supplied in	HD Box
Article Number	4933451075
EAN Code	4002395810543

# M18 FPP2B

**M18 FUEL**

## M18 FUEL™ POWERPACK

- M18 FPD - M18 FUEL™ percussion drill
- M18 FIWF12 - M18 FUEL™ 1/2" impact wrench with friction ring


**M18 FPP2B-502X**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	59 min
Supplied in	HD Box
Article Number	4933451077

# M18 BLPP2A

## M18™ COMPACT BRUSHLESS POWERPACK

- M18 BLDD - M18™ compact brushless drill driver
- M18 BLID - M18™ compact brushless impact driver


**M18 BLPP2A-502C**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	100 min
Supplied in	Kitbox
Article Number	4933448720
EAN Code	4002395259489

# M18 BLPP2B

## M18™ COMPACT BRUSHLESS POWERPACK

- M18 BLPD - M18™ compact brushless percussion drill
- M18 BLID - M18™ compact brushless impact driver


**M18 BLPP2B-502C**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	4.0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Kitbox
Article Number	4933448451
EAN Code	4002395259250

## M18 FPP6A



### M18 FUEL™ POWERPACK

- M18 FPD - M18 FUEL™ percussion drill
- M18 FID - M18 FUEL™ ½" Hex impact driver
- M18 CCS55 - M18 FUEL™ circular saw
- M18 CSX - M18 FUEL™ SAWZALL®
- M18 CAG115XPD - M18 FUEL™ 115 mm angle grinder
- M18 TLED - M18™ LED torch



**M18 FPP6A-502B**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	59 min
Supplied in	Tool bag
Article Number	4933451243
EAN Code	4002395167654

## M18 BPP2C

### M18™ POWERPACK

- M18 BPD - M18™ compact percussion drill
- M18 BID - M18™ compact impact driver



**M18 BPP2C-402C**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	4.0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Kitbox
Article Number	4933443552
EAN Code	4002395003419

## M18 PP6B

### M18™ POWERPACK

- M18 BPD - M18™ compact percussion drill
- M18 BIW12 - M18™ compact ½" impact wrench
- HD18 AG-125 - M18™ Heavy Duty 125 mm angle grinder
- HD18 CS - M18™ Heavy Duty circular saw for wood and plastic
- M18 BSX - M18™ Heavy Duty SAWZALL®
- M18 TLED - M18™ LED torch



**M18 PP6B-502B**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	100 min
Supplied in	Tool bag
Article Number	4933451038
EAN Code	4002395136919

## M18 PP6D

### M18™ POWERPACK

- M18 BPD - M18™ compact percussion drill
- M18 BID - M18™ compact impact driver
- HD18 JS - M18™ Heavy Duty jigsaw
- HD18 CS - M18™ Heavy Duty circular saw for wood and plastic
- M18 BSX - M18™ Heavy Duty SAWZALL®
- M18 TLED - M18™ LED torch



**M18 PP6D-502B**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	100 min
Supplied in	Tool bag
Article Number	4933451039
EAN Code	4002395136926

## M18 BPP2D

### M18™ POWERPACK

- M18 BDD - M18™ compact drill driver
- M18 BID - M18™ compact impact driver



**M18 BPP2D-402C**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	4.0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Kitbox
Article Number	4933447126
EAN Code	4002395005901

## M18 BPP2E

### M18™ POWERPACK

- M18 BH - M18™ compact SDS hammer
- M18 BPD - M18™ compact percussion drill



**M18 BPP2E-402B**

Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	4,0
No. of batteries supplied	2
Charger supplied	80 min
Supplied in	Tool bag
Article Number	4933451122
EAN Code	4002395137930



## M28 CHPX

### M28 FUEL™ HEAVY DUTY SDS-PLUS HAMMER



- Milwaukee® designed and built brushless POWERSTATE™ motor
- REDLINK PLUS™ intelligence system delivers the most advanced digital overload protection for tool and battery and uniquely enhances the tool performance under load
- REDLITHIUM-ION™ battery pack delivers up to 65% more run time & up to 20% more life and operates better down to -20°C than other lithium-ion technologies
- High powered motor gives corded tool performance
- Hardest hitting cordless SDS hammer in its class. Powerful hammer mechanism: delivers 4.1 J of impact energy at low 8.1 m/s<sup>2</sup> vibrations thanks to the new dual rail anti-vibration system\*
- All metal gear case - optimum seating of the gears for enhanced service life
- 4-mode operation: rotary hammer, hammer only, rotation only and variolock for maximum versatility
- FIXTEC system - keyless chuck changing
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining battery charge
- Compatible with M18-28 CPDEX dust extractor
- \*patent pending

	M28 CHPX-0	M28 CHPX-502C
Voltage (V)	28	28
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	90 min
Tool reception	SDS-Plus	SDS-Plus
Blow energy (EPTA)(J)	4.1	4.1
Max. drilling wood (mm)	30	30
Max. drilling steel (mm)	13	13
Max. drilling concrete (mm)	28	28
Max. percussion rate (bpm)	0 - 5000	0 - 5000
Vibration drilling (m/s <sup>2</sup> )	8.1	8.1
Vibration chiseling (m/s <sup>2</sup> )	8.1	8.1
Weight with battery pack (kg)	-	4.7
Supplied in	-	Kitbox
Article Number	4933448000	4933448010
EAN Code	4002395006755	4002395006762

## M18-28 CPDEX

### M18-28 FUEL™ HEAVY DUTY DUST EXTRACTOR



- Designed to collect dust effectively with automatic operation from the tools on/off trigger switch
- HEPA Filter: widely regarded as the ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%
- Large dust collection box
- Dust extraction aluminium tube is adjustable according to the size of the drill bit and length 16 mm max and 90 mm depth
- Compatible with M18 CHPX & M28 CHPX

	M18-28 CPDEX-0
Voltage (V)	18
Battery type	Li-ion
Battery pack capacity (Ah)	-
No. of batteries supplied	0
Charger supplied	-
Max. drill bit diameter (mm)	16
Max. drilling depth (mm)	90
Max. drill bit length (mm)	160
Stroke length (mm)	100
Weight without battery pack (kg)	1.6
Supplied in	-
Article Number	4933446810
EAN Code	4002395005505



## M28 CHPXDE

**M28 FUEL™ HEAVY DUTY SDS-PLUS HAMMER WITH DEDICATED DUST EXTRACTOR**



- M28 CHPX - M28 FUEL™ Heavy Duty SDS-plus hammer
- M18-28 CPDEX - M18-28 Fuel™ Heavy Duty dust extractor

## HD28 PD

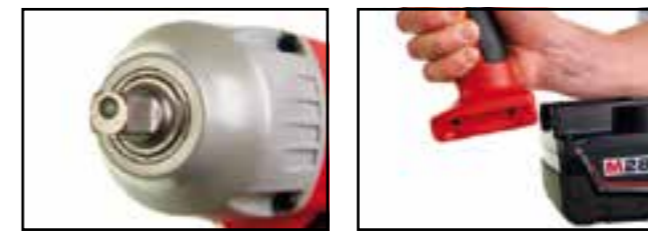
**M28™ HEAVY DUTY PERCUSSION DRILL**



- With its Milwaukee® high powered motor it delivers a staggering 90 Nm of torque, ideal for powering through the toughest of applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- All metal gear case provides maximum durability
- Compact size of only 237 mm over all length
- 13 mm RöhM chuck provides maximum durability
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- Built in LED light illuminates the work surface
- REDLITHIUM-ION™ battery pack delivers up to 65% more run time & up to 20% more life and operates better down to -20°C than other lithium-ion technologies

## HD28 IW

**M28™ HEAVY DUTY 1/2" DRIVE IMPACT WRENCH**



- With its Milwaukee® 4-pole frameless motor it delivers a staggering 440 Nm of torque, ideal for powering through the toughest of applications
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Durable, lightweight magnesium gear case for extended life and comfort
- Variable speed trigger for enhanced control and accuracy
- 1/2" square drive with detent pin for secure socket retention
- Non-slip gripping surfaces for maximum comfort and control
- Exclusive reversible battery pack design for optimal tool balance
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 65% more run time & up to 20% more life and operates better down to -20°C than other lithium-ion technologies

## HD28 AG-115

**M28™ HEAVY DUTY 115 MM ANGLE GRINDER**



- Milwaukee®'s high performance motor delivers maximum power whilst (optimising) maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear case delivers heavy duty durability
- Reduced height of gear box and slim girth design deliver optimum ergonomics
- Fast and easy wheel change with patented FIXTEC nut
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- AVS side handle for most compatible work and less strain to the user
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 65% more run time & up to 20% more life and operates better down to -20°C than other lithium-ion technologies

	M28 CHPXDE-502C
Voltage (V)	28
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	90 min
Supplied in	Kitbox
Article Number	4933448015
EAN Code	4002395006779

	HD28 PD-0X	HD28 PD-502X
Voltage (V)	28	28
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	90 min
No load speed gear 1 (rpm)	0 - 450	0 - 450
No load speed gear 2 (rpm)	0 - 1800	0 - 1800
Chuck capacity (mm)	13	13
Max. drilling wood (mm)	65	65
Max. drilling steel (mm)	16	16
Max. drilling concrete (mm)	20	20
Max. torque (Nm)	90	90
Weight with battery pack (kg)	-	2.5
Supplied in	HD Box	HD Box
Article Number	4933431646	4933448544
EAN Code	4002395242887	4002395263158

	HD28 IW-0X	HD28 IW-502X
Voltage (V)	28	28
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	90 min
No load speed (rpm)	0 - 1450	0 - 1450
Impact rate (ipm)	0 - 2450	0 - 2450
Tool reception	1/2" square	1/2" square
Max. torque (Nm)	440	440
Weight with battery pack (kg)	-	4.1
Supplied in	HD Box	HD Box
Article Number	4933431642	4933448545
EAN Code	4002395242870	4002395263165

	HD28 AG-115-0X	HD28 AG115-502X
Voltage (V)	28	28
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	-	5.0
No. of batteries supplied	0	2
Charger supplied	-	90 min
No load speed (rpm)	9000	9000
Disc diameter (mm)	115	115
Max. cutting depth (mm)	28	28
Spindle size	M 14	M 14
Weight with battery pack (kg)	-	2.8
FIXTEC flange nut	Yes	Yes
Line lock out function	Yes	Yes
AVS side handle	Yes	Yes
Supplied in	HD Box	HD Box
Article Number	4933432146	4933448540
EAN Code	4002395243785	4002395263110

## HD28 AG-125

**M28™ HEAVY DUTY 125 MM ANGLE GRINDER**



- Milwaukee®'s high performance motor delivers maximum power whilst (optimising) maximising the power to weight ratio
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Full metal gear case delivers heavy duty durability
- Reduced height of gear box and slim girth design deliver optimum ergonomics
- Fast and easy wheel change with patented FIXTEC nut
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- AVS side handle for most compatible work and less strain to the user
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 65% more run time & up to 20% more life and operates better down to -20°C than other lithium-ion technologies

	HD28 AG-125-0X	HD28 AG125-502X
Voltage (V)	28	28
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	90 min
No load speed (rpm)	9000	9000
Disc diameter (mm)	125	125
Max. cutting depth (mm)	36	36
Spindle size	M 14	M 14
Weight with battery pack (kg)	–	2.8
FIXTEC flange nut	Yes	Yes
Line lock out function	Yes	Yes
AVS side handle	Yes	Yes
Supplied in	HD Box	HD Box
Article Number	4933432225	4933448541
EAN Code	4002395243952	4002395263127

## HD28 MS

**M28™ HEAVY DUTY METAL DRY CUT SAW**



- Milwaukee®'s high performance motor delivers 3200 rpm for fast cutting
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Large cutting depth of 61 mm
- Compact, ergonomic design provides superior control over standard metal saws, reciprocating saws and band saws
- Ergonomic soft grip handle design for more comfortable use
- Electronic motor brake, saw blade stops within seconds
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Built in LED light illuminates the work surface
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 65% more run time & up to 20% more life and operates better down to -20°C than other lithium-ion technologies
- Premium 174 mm carbide blade
- Supplied with 36 tooth blade

	HD28 MS-0
Voltage (V)	28
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	3200
Blade diameter (mm)	174
Bore size (mm)	20
Max. cut cap. in steel plate (mm)	5
Max. cutting capacity metal pipe Ø (mm)	61
Max. cutting capacity sections (mm)	61
Weight with battery pack (kg)	4.2
Supplied in	–
Article Number	4933416880
EAN Code	4002395237777

## HD28 SG

**M28™ HEAVY DUTY STRAIGHT GRINDER**



- Long slender spindle neck for better access to awkward spaces
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Digital electronic 2-speed for optimum use of consumables
- Battery lock out function to prevent unintended start up
- Full metal gear case for maximum durability
- Maximised airflow for cool running for extended periods
- 6 mm collet for use with common accessories
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge

	HD28 SG-0
Voltage (V)	28
Battery type	Li-ion
Battery pack capacity (Ah)	–
No. of batteries supplied	0
Charger supplied	–
No load speed (rpm)	22,500 / 19,500
Collet capacity (mm)	6
Weight with battery pack (kg)	3.1
Supplied in	–
Article Number	4933415615
EAN Code	4002395238484

## HD28 CS

**M28™ HEAVY DUTY CIRCULAR SAW**



- Milwaukee® powerful 4200 rpm motor easily cuts most timber construction materials
- REDLINK™ overload protection electronics in tool and battery pack deliver best in class system durability
- Versatile 54 mm cutting depth, 50° bevel cut capacity
- Heavy Duty construction with all metal lower / upper blade guards and aluminium shoe
- Left-blade design for optimal cut-line visibility and control
- Electronic motor brake, saw blade stops within seconds
- Ergonomic soft grip handle design for more comfortable use
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Fuel gauge displays remaining charge
- REDLITHIUM-ION™ battery pack delivers up to 65% more run time & up to 20% more life and operates better down to -20°C than other lithium-ion technologies
- Supplied with 24 tooth saw blade, parallel guide, dust port and allen key

	HD28 CS-0	HD28 CS-502C
Voltage (V)	28	28
Battery type	Li-ion	Li-ion
Battery pack capacity (Ah)	–	5.0
No. of batteries supplied	0	2
Charger supplied	–	90 min
No load speed (rpm)	4200	4200
Max. cutting depth 90° (mm)	54	54
Max. cutting depth 45° (mm)	39	39
Blade diameter (mm)	165	165
Arbor size (mm)	15.87	15.87
Weight with battery pack (kg)	–	3.6
Supplied in	–	Kitbox
Article Number	4933419022	4933448538
EAN Code	4002395238804	4002395263097

## HD28 SX

### SEGA DIRITTA M28™



- Il motore Milwaukee® permette di sviluppare la massima potenza ottimizzando il rapporto peso potenza
- REDLINK™ - tecnologia di protezione dai sovraccarichi sia dell'utensile che della batteria per la massima durata
- Sistema FIXTEC brevettato per una rapida sostituzione della lama senza chiavi
- Una speciale frizione montata all'interno della scatola ingranaggi protegge la macchina in caso di bloccaggio accidentale per salvaguardarne il motore e la trasmissione
- Vibrazioni ridotte grazie al meccanismo interno dedicato che controbilancia le forze
- Lunghezza della corsa 28.6 mm e 3000 corse al minuto per un taglio estremamente veloce
- Scarpa regolabile permette una rapida e veloce regolazione della profondità della lama
- Selettore a due velocità per tagliare con un miglior controllo i diversi materiali
- Impugnatura antiscivolo per il massimo comfort e controllo
- Monitoraggio delle singole celle della batteria per garantire un omogeneo consumo del pacco batteria ed una maggiore autonomia e durata nel tempo

	HD28 SX-0	HD28 SX-502C
Voltaggio (V)	28	28
Tipo batteria	Li-ion	Li-ion
Capacità batteria (Ah)	-	5.0
N.ro batterie in dotazione	0	2
Tempo di ricarica batteria	-	90 min
Max. taglio legno morbido (mm)	300	300
Max. taglio acciaio (mm)	25	25
Max. taglio alluminio (mm)	25	25
Max. taglio materiale non ferroso (mm)	25	25
Max. taglio tubo in metallo (mm)	150	150
Corse a vuoto (corse/min)	0-2000/0-3000	0-2000/0-3000
Corsa della lama (mm)	28.6	28.6
Peso con il pacco batteria (kg)	-	4.1
Fornibile in	-	Valigetta
Codice prodotto	4933416860	4933448537
Codice EAN	4002395237807	4002395263080

## HD28 JSB

### SEGHETTO ALTERNATIVO M28™



- Motore eroga 2800 giri/min per tagli veloci
- REDLINK™ - tecnologia di protezione dai sovraccarichi sia dell'utensile che della batteria per la massima durata
- Partenza lenta
- Selettore a 2 velocità, ideale per l'utilizzo su diversi materiali
- Sistema FIXTEC brevettato per una facile sostituzione della lama
- Regolazione del movimento pendolare in quattro posizioni per aumentare la prestazione di taglio
- Predisposizione per l'aspirazione
- Guida lama di grande precisione grazie ai larghi cuscinetti a rulli posizionati in profondità
- Piede pressofuso per una maggiore durata
- Monitoraggio delle singole celle della batteria per garantire un omogeneo consumo del pacco batteria ed una maggiore autonomia e durata nel tempo
- Indicatore stato di carica della batteria
- La batteria REDLITHIUM-ION™ eroga fino al 65% di autonomia in più e presenta una durata della batteria fino al 20% superiore

	HD28 JSB-0X	HD28 JSB-502X
Voltaggio (V)	28	28
Tipo batteria	Li-ion	Li-ion
Capacità batteria (Ah)	-	5.0
N.ro batterie in dotazione	0	2
Tempo di ricarica batteria	-	90 min
Corse a vuoto (corse/min)	2100 / 2800	2100 / 2800
Cap max taglio legno (mm)	135	135
Cap max taglio metallo (mm)	10	10
Corsa della lama (mm)	26	26
Peso con il pacco batteria (kg)	-	3.5
Fornibile in	Valigetta HeavyDuty	Valigetta HeavyDuty
Codice prodotto	4933432090	4933448542
Codice EAN	4002395243778	4002395263134

## M28 VC

### ASPIRATORE SECCO/UMIDO M28™



- Alimentazione 28 V per un'elevata potenza di aspirazione
- Capacità del serbatoio 9,5 l secco e 7,5 l liquidi
- Funzione soffiatore
- Filtro a secco / umido lavabile, 99,7% di efficienza per raccolta di polveri fini
- Formato valigia per un comodo trasporto
- Porta tubo incorporato
- Depressione massima 80 M/bar
- Scomparto per accessori integrato

	M28 VC-0
Voltaggio (V)	28
Tipo batteria	Li-ion
Capacità batteria (Ah)	-
N.ro batterie in dotazione	0
Tempo di ricarica batteria	-
Capacità solidi (l)	9.6
Capacità liquidi (l)	7.5
Diametro tubo (mm)	32
Lunghezza tubo (m)	1.6
Depressione massima (mbar)	80
Peso con il pacco batteria (kg)	5.4
Fornibile in	-
Codice prodotto	4933404620
Codice EAN	4002395234806

## M28 PACK B

### M28™ POWERPACK

- HD28 PD – M28™ Heavy Duty percussion drill
- HD28 CS – M28™ Heavy Duty circular saw for wood
- HD28 SX - M28™ Heavy Duty SAWZALL®
- M28 WL – M28™ lamp


**M28 Pack B-502B**

Voltage (V)	28
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	90 min
Supplied in	Tool bag
Article Number	4933448546
EAN Code	4002395263172

## M28 PACK G

### M28™ POWERPACK

- HD28 PD - M28™ Heavy Duty percussion drill
- M28 CHPX - M28™ Heavy Duty SDS-plus hammer
- M28 WL - M28™ lamp


**M28 PACK G-502X**

Voltage (V)	28
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	90 min
Supplied in	HD Box
Article Number	4933448970
EAN Code	4002395263547

## M28 PACK D

### M28™ POWERPACK

- HD28 PD – M28™ Heavy Duty percussion drill
- HD28 SX – M28™ Heavy Duty SAWZALL®
- M28 WL – M28™ lamp


**M28 Pack D-502B**

Voltage (V)	28
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	90 min
Supplied in	Tool bag
Article Number	4933448547
EAN Code	4002395263189

## M28 PACK H

### M28™ POWERPACK

- HD28 PD – M28™ Heavy Duty percussion drill
- HD28 AG – M28™ Heavy Duty 115 mm angle grinder


**M28 Pack H-502X**

Voltage (V)	28
Battery type	Li-ion
Battery pack capacity (Ah)	5.0
No. of batteries supplied	2
Charger supplied	90 min
Supplied in	HD Box
Article Number	4933448548
EAN Code	4002395263196

## M4 D

### M4™ DRILL DRIVER



- Compact 244 mm screwdriver
- Best in class high accuracy electronic clutch with 8% tolerance
- 2 speed gearbox for screwdriving and drilling
- Electronic switch for variable speed
- 1/4" Hex chuck for quick and easy bit change
- 2 position handle for best balance and minimum reaction force
- Fuel gauge displays remaining charge

**M4 D-202B**

Voltage (V)	4
Battery type	Li-ion
Battery pack capacity (Ah)	2.0
No. of batteries supplied	2
Charger supplied	30 min
No load speed gear 1 (rpm)	0 - 200
No load speed gear 2 (rpm)	0 - 600
Tool reception	1/4" Hex
Max. torque (Nm)	5
Weight with battery pack (kg)	0.5
Supplied in	Tool bag
Article Number	4933440475
EAN Code	4002395000388

## 12V BATTERIES TABLE



	System	Battery type	Battery pack capacity (Ah)	Voltage (V)	Article Number	EAN Code	
1.	M12 B2	M12	Li-ion	2.0	12	4932430064	4002395377251
2.	M12 B4	M12	Li-ion	4.0	12	4932430065	4002395377268
3.	M12 B6	M12	Li-ion	6.0	12	4932451395	4002395158638

## 18V BATTERIES TABLE



	System	Battery type	Battery pack capacity (Ah)	Voltage (V)	Article Number	EAN Code	
1.	M18 B2	M18	Li-ion	2.0	18	4932430062	4002395377237
2.	M18 B4	M18	Li-ion	4.0	18	4932430063	4002395377244
3.	M18 B5	M18	Li-ion	5.0	18	4932430483	4002395381449
4.	M18 B6	M18	Li-ion	6.0	18	4932451244	4002395167661
5.	M18 B9	M18	Li-ion	9.0	18	4932451245	4002395167678

## BATTERIES



	System	Battery type	Battery pack capacity (Ah)	Voltage (V)	Article Number	EAN Code	
1.	M4 B2	M4	Li-ion	2.0	4	4932430098	4002395377596
2.	M14 B	M14	Li-ion	1.5	14.4	4932352665	4002395373239
3.	M14 B4	M14	Li-ion	4.0	14.4	4932430323	4002395379842
4.	M28 BX	M28	Li-ion	3.0	28	4932352732	4002395373901
5.	M28 B5	M28	Li-ion	5.0	28	4932430484	4002395381456

## CHARGERS



	System	Charging range	Charging time	Battery pack capacity (Ah)	For battery type NiCd	For battery type NiMH	For battery type Li-Ion	Article Number	EAN Code	
1.	M4 C	M4	4 V	30 min	2.0	-	-	Yes	4932352958	4002395376162
2.	C12 C	M12	12 V	40/80/120 min	2.0, 4.0 & 6.0	-	-	Yes	4932352000	4002395366606
3.	M12 C4	M12	12 V	40/80/120 min	2.0, 4.0 & 6.0	-	-	Yes	4932430554	4002395382156
4.	M12-18C	M12,M14,M18	12 - 18 V	40/80/100/130/185 min	2.0, 4.0, 5.0, 6.0 & 9.0	-	-	Yes	4932352959	4002395376179
5.	M12-18 FC	M12,M14,M18	12 - 18 V	26/47/59/68/100 min	2.0, 4.0, 5.0, 6.0 & 9.0	-	-	Yes	4932451079	4002395810581
6.	M1418 C6	M14,M18	14.4 V - 18 V	40/80/100/130/185 min	2.0, 4.0, 5.0, 6.0 & 9.0	-	-	Yes	4932430086	4002395377473
7.	M28 C	M28	28 V	60/90 min	3.0 & 5.0	-	-	Yes	4932352524	4002395371822

## LAMPS



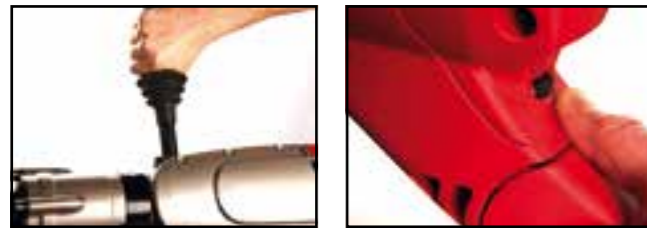
	Voltage (V)	Battery type	System	Battery compatibility	Bulb type	Article Number	EAN Code	
1.	M12 TLED-0	12	Li-ion	M12	All Milwaukee® M12™ batteries	LED	4932430360	4002395380213
2.	M12 SLED-0	12	Li-ion	M12	All Milwaukee® M12™ batteries	LED	4933451261	4002395170159
3.	M12 SL-0	12	Li-ion	M12	All Milwaukee® M12™ batteries	LED	4932430178	4002395378395
4.	M12 LL-0	12	Li-ion	M12	All Milwaukee® M12™ batteries	LED	4932430562	4002395382231
5.	M18 TLED-0	18	Li-ion	M18	All Milwaukee® M18™ batteries	LED	4932430361	4002395380220
6.	M18 AL-0	18	Li-ion	M18	All Milwaukee® M18™ batteries	LED	4932430392	4002395380534
7.	M18 LL-0	18	Li-ion	M18	All Milwaukee® M18™ batteries	LED	4932430563	4002395382248
8.	M18 IL-0	18	Li-ion	M18	All Milwaukee® M18™ batteries	LED	4932430564	4002395382255
9.	M18 SAL-0	18	Li-ion	M18	All Milwaukee® M18™ batteries	LED	4933451246	4002395167708
10.	M28 WL-0	28	Li-ion	M28	All Milwaukee® M28™ batteries	Xeon	4932352526	4002395371846
11.	M28 WL LED-0	28	Li-ion	M28	All Milwaukee® M28™ batteries	LED	4932352527	4002395371853

# CONSTRUCTION



## KANGO 950

### 10 KG CLASS DRILLING AND BREAKING HAMMER



- 20 J blow energy for best in class breaking performance
- 1700 watt motor - best in class with plenty in reserve for the toughest applications
- DIGITRONIC® - fullwave electronics for precise power adjustment to application
- 3 handles - all with AVS (Anti-Vibration-System) and soft grip for comfortable and less tiring use
- All metal gearcase - optimum seating of the gears for enhanced service life
- Service indicator light
- Automatic lubrication system for longer life time
- In-Line motor design for more comfort in below waist applications
- Ideal for usage with generators
- Variolock (12 positions) for selecting the most appropriate chisel angle
- 6 m cable

	KANGO 950 S	KANGO 950 K
Power input (W)	1700	1700
No load speed (rpm)	125 - 250	125 - 250
Blow energy (EPTA)(J)	20	20
Full load hammer action (bpm)	975 - 1950	975 - 1950
Full load speed (soft hammer) (rpm)	125 - 250	125 - 250
Max. drilling solid bit (mm)	50	50
Max. drilling tunnel bit (mm)	80	80
Max. drilling core bit (mm)	150	150
Tool reception	SDS-Max	SDS-Max
Vibration drilling (m/s <sup>2</sup> )	12.5	12.5
Vibration chiseling (m/s <sup>2</sup> )	11	11
Weight (kg)	11.8	11.8
Supplied in	Kitbox	Kitbox
Article Number	4933375710	4933375500
EAN Code	4002395232031	4002395231607

## KANGO 900

### 10 KG CLASS BREAKING HAMMER



- 20 J blow energy for best in class breaking performance
- 1600 watt motor - best in class with plenty in reserve for the toughest applications
- DIGITRONIC® - fullwave electronics for precise power adjustment to application
- 3 handles - all with AVS (Anti-Vibration-System) and soft grip for comfortable and less tiring use
- Service indicator light
- Automatic lubrication system for longer life time
- In-Line motor design for more comfort in below waist applications
- Ideal for usage with generators
- Variolock (12 positions) for selecting the most appropriate chisel angle
- 6 m cable

	KANGO 900 S	KANGO 900 K
Power input (W)	1600	1600
Blow energy (EPTA)(J)	20	20
Full load hammer action (bpm)	975 - 1950	975 - 1950
Tool reception	SDS-Max	SDS-Max
Vibration chiseling (m/s <sup>2</sup> )	11	11
Weight (kg)	11.0	11.0
Supplied in	Kitbox	Kitbox
Article Number	4933375720	4933375650
EAN Code	4002395232048	4002395231614

## KANGO 750 S

### 7 KG CLASS DRILLING AND BREAKING HAMMER



- Large, heavy weight striker delivers maximum 11.9 J impact energy
- Powerful 1550 watt ensures maximum power yet due to better heat dissipation, guarantees maximum possible durability
- Fullwave electronics for precise power adjustment to application
- Soft start for precise start of drilling/chiselling
- AVS (Anti-Vibration-System) and soft grip on front and back handle
- Additional handle can be fixed in 3 different positions
- Soft hammer mode reduces blow energy for chiselling in sensitive materials
- Roto-stop and multi-position chisel function
- Service indicator light
- Variolock (12 positions) for selecting the most appropriate chisel angle
- 6 m cable

	KANGO 750 S
Power input (W)	1550
No load speed (rpm)	300
Blow energy (EPTA)(J)	11.9
Full load hammer action (bpm)	2740
Full load speed (soft hammer) (rpm)	240
Max. drilling solid bit (mm)	50
Max. drilling tunnel bit (mm)	80
Max. drilling core bit (mm)	150
Tool reception	SDS-Max
Vibration drilling (m/s <sup>2</sup> )	9.5
Vibration chiseling (m/s <sup>2</sup> )	9.1
Weight (kg)	8.2
Supplied in	Kitbox
Article Number	4933398600
EAN Code	4002395235193

## KANGO 545 S

### 5 KG CLASS DRILLING AND BREAKING HAMMER



- Large, heavy weight striker delivers maximum 8.5 J impact energy
- Powerful 1300 watt ensures maximum power yet due to better heat dissipation, guarantees maximum possible durability
- Constant electronic for keeping the speed uniform even under load
- Soft start for precise start of drilling/chiselling
- AVS (Anti-Vibration-System) and soft grip on front and back handle
- Additional handle can be fixed in 3 different positions
- Soft hammer mode reduces blow energy for drilling/chiselling in sensitive materials
- Roto-stop and multi-position chisel function
- Service indicator light
- Variolock (12 positions) for selecting the most appropriate chisel angle
- 6 m cable

	KANGO 545 S
Power input (W)	1300
No load speed (rpm)	450
Blow energy (EPTA)(J)	8.5
Full load hammer action (bpm)	2840
Full load speed (soft hammer) (rpm)	350
Max. drilling solid bit (mm)	45
Max. drilling tunnel bit (mm)	65
Max. drilling core bit (mm)	100
Tool reception	SDS-Max
Vibration drilling (m/s <sup>2</sup> )	13
Vibration chiseling (m/s <sup>2</sup> )	9
Weight (kg)	6.7
Supplied in	Kitbox
Article Number	4933398200
EAN Code	4002395234073

## KANGO 540 S

**5 KG CLASS DRILLING AND BREAKING HAMMER**



- Best power to weight ratio in its class - 7.5 J and 6.3 kg
- Powerful 1100 watt ensures maximum power, guarantees maximum possible durability
- Soft start for precise start of drilling/chiselling
- Low vibration construction enhances usage time per day
- Robust magnesium gear housing for tough environments, exact seat fitting of gear components and better cooling
- Roto-stop and multi position chisel function gives 12 different positions to optimize working angle
- Safety clutch protects operator and machine if drill bit jams
- Soft grip main side handle
- Variolock (12 positions) for selecting the most appropriate chisel angle
- 4 m cable

### KANGO 540 S

Power input (W)	1100
No load speed (rpm)	450
Blow energy (EPTA)(J)	7.5
Full load hammer action (bpm)	3000
Full load speed (soft hammer) (rpm)	430
Max. drilling concrete (mm)	40
Max. drilling tunnel bit (mm)	65
Max. drilling core bit (mm)	105
Tool reception	SDS-Max
Vibration drilling (m/s <sup>2</sup> )	16.8
Vibration chiseling (m/s <sup>2</sup> )	16.7
Weight (kg)	6.3
Supplied in	Kitbox
Article Number	4933418100
EAN Code	4002395238422

## K 500 ST

**5 KG CLASS TRADESMAN BREAKING HAMMER**



- Best power to weight ratio in its class - 7.5 J and 5.9 kg
- Powerful 1100 watt ensures maximum power, guarantees maximum possible durability
- Soft start for precise start of chiselling
- Low vibration construction enhances usage time per day
- Robust magnesium gear housing for tough environments, exact seat fitting of gear components and better cooling
- Roto-stop and multi position chisel function gives 12 different positions to optimize working angle
- Safety clutch protects operator and machine if drill bit jams
- Soft grip main side handle
- Variolock (12 positions) for selecting the most appropriate chisel angle
- 4 m cable

### K 500 ST

Power input (W)	1100
Blow energy (EPTA)(J)	7.5
Full load hammer action (bpm)	3000
Tool reception	SDS-Max
Vibration chiseling (m/s <sup>2</sup> )	16.7
Weight (kg)	5.9
Supplied in	Kitbox
Article Number	4933443180
EAN Code	4002395003402

## KANGO 500 S

**5 KG CLASS BREAKING HAMMER**



- Large, heavy weight striker delivers maximum 8.5 J impact energy
- Powerful 1300 watt ensures maximum power yet due to better heat dissipation, guarantees maximum possible durability
- Constant electronic for keeping the speed uniform even under load
- Soft start for precise start of chiselling
- AVS (Anti-Vibration-System) and soft grip on front and back handle
- Additional handle can be fixed in 3 different positions
- Soft hammer mode reduces blow energy for chiselling in sensitive materials
- Roto-stop and multi-position chisel function
- Service indicator light
- Variolock (12 positions) for selecting the most appropriate chisel angle
- 6 m cable

### KANGO 500 S

Power input (W)	1300
Blow energy (EPTA)(J)	8.5
Full load hammer action (bpm)	2840
Tool reception	SDS-Max
Vibration chiseling (m/s <sup>2</sup> )	11.5
Weight (kg)	6.3
Supplied in	Kitbox
Article Number	4933398220
EAN Code	4002395234059

## PCE 3/K

**3 KG SDS-PLUS CHIPPING HAMMER**



- Over sized heavy weight striker delivers 3.6 joules of impact energy
- 720 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Electronics with accelerator switch
- Fully insulated metal gearbox for maximum stability
- Lightweight, ergonomic front handle is fully adjustable and can be securely fixed in the best position to suit the required drilling angle
- AVS (Anti-Vibration-System) and soft grip for less tiring operation
- Lock-on switch for more comfortable extended use
- Variolock (35 positions) for setting the face of the chisel
- 4 m cable

### PCE3/K

Power input (W)	720
Blow energy (EPTA)(J)	3.6
Full load hammer action (bpm)	0 - 3650
Tool reception	SDS-Plus
Weight (kg)	3.7
Supplied in	Kitbox
Article Number	4933384300
EAN Code	4002395232215



# SDS-MAX DRILLS

## - 4 CUT / SETS



Large carbide tip with patented rebar chamfers. Ensures lower vibration and optimised drilling performance when hitting reinforced steel equalling longer life time.



Especially developed robust head geometry with optimum 4 x 90° symmetry of carbide tip. Reduces jamming up on hitting reinforcing steel.



Centering point with 130° point angle. Easy spot drilling with pinpoint accuracy and ensures optimum guidance during drilling.



Big, robust secondary cutter with dynamic, curved cutting edge. Supports the primary cutter for faster drilling.



Wear mark on both sides of primary cutter. Guarantees diameter accuracy i.e. for anchor fittings. Life time indicator in warranty cases.



PGM conformity. Guarantees precise holes for anchor fitting over the entire life time of the drill bit.



Patented reinforced flute geometry. Lower vibrations for smoother drilling. Stronger flute means less breakages. Better transfer of hammer energy to the tip.



**SDS-Max**  
5 pc drill bit set.

Contents:  
Ø 16 / 18 x 540 mm, Ø 20 / 22 / 25 x 520 mm.  
ARTICLE NO. 4932352800

## PLH 32

### 32 MM SDS-PLUS 3-MODE L-SHAPED HAMMER



- Tough, durable hammer with excellent drilling performance in concrete from the high torque motor and gears and a 3.8 joule single blow energy
- 900 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Electronics with accelerator switch
- Good balance and easy handling from the compact L-shape design with AVS (Anti-Vibration-System) and soft grip handle
- Fast tool changing from the FIXTEC system with keyless chuck
- Heavy Duty magnesium gear casing for optimum seating of gears for a longer operational life
- Reliable safety clutch protects machine and user
- Roto-stop and variolock for maximum control when doing light chiselling work
- 4 m cable

	PLH 32 XE
Power input (W)	900
Blow energy (EPTA)(J)	3.8
Full load hammer action (bpm)	0 - 4500
Full load speed (rpm)	0 - 800
Max. drilling concrete (mm)	32
Max. drilling steel (mm)	16
Max. drilling wood (mm)	40
Tool reception	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	22
Vibration chiseling (m/s <sup>2</sup> )	20
FIXTEC	Yes
Weight (kg)	3.6
Supplied in	Kitbox
Article Number	4933400069
EAN Code	4002395233342

## PLH 28

### 3 KG L-SHAPE SDS-PLUS HAMMER



- Hardest hitting corded SDS hammer in its class. Tough, durable hammer with excellent drilling performance in concrete from the high torque motor and gears and a 4.1 joule single blow energy
- 800 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Low vibration 10.6 m/s<sup>2</sup> due to patented dual anti-vibration\* handle
- Good balance and easy handling from the compact L-shape design with dual patented AVS (Anti-Vibration-System) and soft grip handle
- Reliable safety clutch protects machine and user
- Roto-stop and variolock for maximum control when doing light chiselling work
- XE version comes with fast changing FIXTEC adaptor and 13 mm keyed chuck
- 4 m durable rubber cable
- \*patent pending

	PLH 28 E	PLH 28 XE
Power input (W)	800	800
Blow energy (EPTA)(J)	4.1	4.1
Full load hammer action (bpm)	0 - 4000	0 - 4000
Full load speed (rpm)	0 - 1000	0 - 1000
Max. drilling concrete (mm)	28	28
Max. drilling steel (mm)	13	13
Max. drilling wood (mm)	40	40
Tool reception	SDS-Plus	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	10.6	10.6
Vibration chiseling (m/s <sup>2</sup> )	6.8	6.8
FIXTEC	No	Yes
Weight (kg)	3.4	3.6
Supplied in	Kitbox	Kitbox
Article Number	4933446790	4933446800
EAN Code	4002395005482	4002395005499

## PH 30

### 30 MM SDS-PLUS 3-MODE HAMMER



- Over sized heavy weight striker delivers 3.6 joules of impact energy
- 1030 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Soft start for precise start of drilling/chiselling
- Low vibration due to ergonomic soft grip on main and side handle
- Soft hammer mode for drilling in sensitive materials
- Fast tool changing from FIXTEC system with keyless chuck
- Greatest durability in class is achieved by utilising integrated metal block technology in the gearing mechanism
- Brush rotation ring (for same power in forward & reverse action)
- Safety clutch protects machine and user if drill bit jams
- 4 m cable

	PH 30 POWER X
Power input (W)	1030
Blow energy (EPTA)(J)	3.6
Full load hammer action (bpm)	0 - 3800
Full load speed (rpm)	0 - 850
Max. drilling concrete (mm)	30
Max. drilling steel (mm)	13
Max. drilling wood (mm)	40
Tool reception	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	22
Vibration chiseling (m/s <sup>2</sup> )	14
FIXTEC	Yes
Weight (kg)	2.9
Supplied in	Kitbox
Article Number	4933396420
EAN Code	4002395234967

## PH 28

### 28 MM SDS-PLUS 3-MODE HAMMER



- Over sized heavy weight striker delivers 3.4 joules of impact energy
- 820 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Soft start for precise start of drilling/chiselling
- Low vibration due to ergonomic soft grip on main and side handle
- Soft hammer mode for drilling in sensitive materials
- Greatest durability in class is achieved by utilising integrated metal block technology in the gearing mechanism
- Brush rotation ring (for same power in forward & reverse action)
- Safety clutch protects machine and user if drill bit jams
- X version comes with fast changing FIXTEC adaptor with keyless chuck
- 4 m cable

## PH 27

### 26 MM SDS-PLUS 3-MODE HAMMER



- Most compact, slim line hammer available in its class
- 800 watt motor combined with optimized drilling speed results in unsurpassed drilling performance
- Unmatched performance with 2.8 joules of EPTA rated blow energy and 4800 bpm
- Lowest vibration only 11.4 m/s<sup>2</sup> in class
- Innovative and patented internal weight reduction technology
- Hammer stop function
- Safety clutch protects machine and user if drill bit jams
- X version comes with fast changing FIXTEC adaptor with keyless chuck
- 4 m rubber cable

## PFH 26

### 26 MM SDS-PLUS 2-MODE FIXING HAMMER



- Most compact, slimline fixing hammer available in its class
- Unmatched performance with 2.4 J blow energy and 4500 bpm
- Lowest vibration at drilling into concrete: only 13.5 m/s<sup>2</sup>
- Extreme Milwaukee® durability thanks to Integrated metal block technology
- Innovative and patented internal weight reduction technology
- Hammer stop function - turns off the hammering action - for screw driving applications or drilling without percussion in wood/metal
- Brush rotation ring (for same power in forward & reverse action)
- 4 m cable

## PFH 24

### 24 MM SDS-PLUS 2-MODE FIXING HAMMER



- Variable speed - precise drilling start and perfect adjustment to the application
- Lock-on switch for more comfortable extended use
- Safety clutch protects machine and user if drill bit jams
- Reverse function
- Hammer stop function - turns off the hammering action - for screw driving applications or drilling without percussion in wood/metal
- Service hatch - access hatch for servicing (e.g. worn-out carbon brushes)
- Depth-gauge knob
- Soft grip for user comfort
- 4 m cable

	PH 28	PH 28 X
Power input (W)	820	820
Blow energy (EPTA)(J)	3.4	3.4
Full load hammer action (bpm)	0 - 4000	0 - 4000
Full load speed (rpm)	0 - 900	0 - 900
Max. drilling concrete (mm)	28	28
Max. drilling steel (mm)	13	13
Max. drilling wood (mm)	30	30
Tool reception	SDS-Plus	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	22	22
Vibration chiseling (m/s <sup>2</sup> )	16	16
FIXTEC	No	Yes
Weight (kg)	2.7	2.9
Supplied in	Kitbox	Kitbox
Article Number	4933396396	4933396392
EAN Code	4002395234936	4002395234943

	PH 27	PH 27 X
Power input (W)	800	800
Blow energy (EPTA)(J)	2.8	2.8
Full load hammer action (bpm)	0 - 4800	0 - 4800
Full load speed (soft hammer) (rpm)	0 - 1300	0 - 1300
Max. drilling concrete (mm)	26	26
Max. drilling steel (mm)	13	13
Max. drilling wood (mm)	30	30
Tool reception	SDS-Plus	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	11.4	11.4
Vibration chiseling (m/s <sup>2</sup> )	10.2	10.2
FIXTEC	No	Yes
Weight (kg)	2.8	3.0
Supplied in	Kitbox	Kitbox
Article Number	4933448469	4933448470
EAN Code	4002395259434	4002395259441

	PFH 26
Power input (W)	725
Blow energy (EPTA)(J)	2.4
Full load hammer action (bpm)	0 - 4500
Full load speed (rpm)	0 - 1250
Max. drilling concrete (mm)	26
Max. drilling steel (mm)	13
Max. drilling wood (mm)	30
Tool reception	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	13.5
Vibration chiseling (m/s <sup>2</sup> )	8.5
FIXTEC	No
Weight (kg)	2.4
Supplied in	Kitbox
Article Number	4933428230
EAN Code	4002395239832

	PFH 24 E
Power input (W)	670
Blow energy (EPTA)(J)	1.9
Full load hammer action (bpm)	0 - 3700
Full load speed (soft hammer) (rpm)	0 - 850
Max. drilling masonry (mm)	24
Max. drilling steel (mm)	13
Max. drilling wood (mm)	30
Tool reception	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	15.5
FIXTEC	No
Weight (kg)	2.4
Supplied in	Kitbox
Article Number	4933411470
EAN Code	4002395235834

# LONGER THAN LIFE!



**+ 50% LONGER LIFETIME**



Thanks to the optimum 4 x 90° symmetry, all four carbide cutting edges function evenly and do not jam up when hitting rebar.



Four symmetrically spiral shoulders ensure low, uniform flute wear.



Solid one piece carbide tip for outstanding lifetime.



Thicker core body for low vibration and extra strength minimising drill bits breakages.



Centering tip for straight forward spot drilling with pinpoint accuracy.



The PGM seal guarantees precisely fitting anchor application holes over the entire lifetime of the drill bit.

## SDS-PLUS RX4 DRILL BITS - 4 CUT

**SDS-Plus drill bit set (5 pcs).**  
**Contents:**  
 Ø 5.5 x 110 mm,  
 Ø 5.5 / 6 / 7 / 8 x 160 mm.  
 ARTICLE NO. 4932352833

**SDS-Plus drill bit set (5 pcs).**  
**Contents:**  
 Ø 5 / 6 x 110 mm,  
 Ø 6 / 8 / 10 x 160 mm.  
 ARTICLE NO. 4932352835

**SDS-Plus drill bit set (7 pcs).**  
**Contents:**  
 Ø 5 / 6 / 8 x 110 mm,  
 Ø 6 / 8 / 10 / 12 x 160 mm.  
 ARTICLE NO. 4932352051



## PLH 20 20 MM SDS-PLUS 2-MODE L-SHAPED FIXING HAMMER



- Best power to weight ratio in its class - 2.0 J and 1.9 kg
- 620 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Motor cooling airflow is designed in a way that blows drilling debris away from user when drilling overhead
- AVS (Anti-Vibration-System) for more comfortable use and less strain on the user
- Optimised hammer drilling 5 – 12 mm
- Safety clutch protects user and machine if drill bit jams
- Forward and reverse mechanism
- Soft grip handle for comfort
- 4 m cable

	PLH 20
Power input (W)	620
Blow energy (EPTA)(J)	2.0
Full load hammer action (bpm)	0 - 4400
Full load speed (soft hammer) (rpm)	0 - 2700
Max. drilling concrete (mm)	20
Max. drilling steel (mm)	13
Max. drilling wood (mm)	30
Tool reception	SDS-Plus
Vibration drilling (m/s <sup>2</sup> )	10.2
FIXTEC	No
Weight (kg)	1.9
Supplied in	Kitbox
Article Number	4933408070
EAN Code	400239527531

## SB 2-35 D 1010 W 2-SPEED PERCUSSION DRILL



- Powerful 1010 W motor
- High torque and lower speed for tough applications
- Variable speed
- Metal gearbox for outstanding durability
- Hammer action stop for rotary drilling only
- 16 mm metal keyed chuck
- 4 m cable

	SB 2-35 D
Power input (W)	1010
No load speed gear 1 (rpm)	0 - 800
No load speed gear 2 (rpm)	0 - 1800
Max. drilling concrete (mm)	35
Max. drilling masonry (mm)	40
Max. drilling steel (mm)	16
Max. drilling wood (mm)	50
Max. static stalling torque (Nm)	57
Chuck capacity (mm)	16
Weight (kg)	4.2
Supplied in	Kitbox
Article Number	4933380507
EAN Code	4002395227280

## PD2E 24 R

### 1020 W 2-SPEED PERCUSSION DRILL



- Powerful 1020 W motor
- Electronics with variable speed selection and reverse function
- AVS (Anti-Vibration-System) and soft grip for more comfortable use
- Metal gearbox for outstanding durability
- Direct bit reception for reduced length and weight for best visibility during screw driving
- Safety clutch to protect the user
- Keyless chuck 1.5 - 13 mm
- 4 m cable

## PD2E 24 RS

### 1010 W 2-SPEED PERCUSSION DRILL



- Powerful 1010 W motor
- Electronics with variable speed selection and reverse function
- AVS (Anti-Vibration-System) and soft grip for more comfortable use
- Metal synchronesh gearbox for outstanding durability
- Direct bit reception for reduced length and weight for best visibility during screw driving
- Safety clutch to protect the user
- Keyless chuck 1.5 - 13 mm
- 4 m cable

## PD2E 24 RST

### 1200 W 2-SPEED PERCUSSION DRILL



- Powerful 1200 W motor
- Electronics with variable speed selection and reverse function
- AVS (Anti-Vibration-System) and soft grip for more comfortable use
- Metal synchronesh gearbox for outstanding durability
- Torque adjustment
- Direct bit reception for reduced length and weight for best visibility during screw driving
- Safety clutch to protect the user
- Keyless chuck 1.5 - 13 mm
- 4 m cable

## PD2E 22 R

### 850 W 2-SPEED PERCUSSION DRILL



- Powerful 850 W motor
- Electronics with variable speed selection and reverse function
- AVS (Anti-Vibration-System) and soft grip for more comfortable use
- Metal gearbox for outstanding durability
- Direct bit reception for reduced length and weight for best visibility during screw driving
- Safety clutch to protect the user
- Keyless chuck 1.5 - 13 mm
- 4 m cable

	PD2E 24 R
Power input (W)	1020
No load speed gear 1 (rpm)	0 - 1000
No load speed gear 2 (rpm)	0 - 3200
Max. drilling concrete (mm)	22
Max. drilling masonry (mm)	24
Max. drilling steel (mm)	16
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	60
Chuck capacity (mm)	13
Weight (kg)	3.0
Supplied in	Kitbox
Article Number	4933419595
EAN Code	4002395238651

	PD2E 24 RS
Power input (W)	1010
No load speed gear 1 (rpm)	0 - 1450
No load speed gear 2 (rpm)	0 - 3400
Max. drilling concrete (mm)	20
Max. drilling masonry (mm)	24
Max. drilling steel (mm)	16
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	54
Chuck capacity (mm)	13
Weight (kg)	3.1
Supplied in	Kitbox
Article Number	4933380462
EAN Code	4002395227273

	PD2E 24 RST
Power input (W)	1200
No load speed gear 1 (rpm)	0 - 1450
No load speed gear 2 (rpm)	0 - 3400
Max. drilling concrete (mm)	22
Max. drilling masonry (mm)	24
Max. drilling steel (mm)	16
Max. drilling wood (mm)	45
Max. static stalling torque (Nm)	56
Chuck capacity (mm)	13
Weight (kg)	3.1
Supplied in	Kitbox
Article Number	4933380796
EAN Code	4002395228553

	PD2E 22 R
Power input (W)	850
No load speed gear 1 (rpm)	0 - 1000
No load speed gear 2 (rpm)	0 - 3200
Max. drilling concrete (mm)	20
Max. drilling masonry (mm)	22
Max. drilling steel (mm)	13
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	56
Chuck capacity (mm)	13
Weight (kg)	2.9
Supplied in	Kitbox
Article Number	4933419570
EAN Code	4002395238613

## PD-705

### 705 W PERCUSSION DRILL



- Compact and powerful 705 W motor
- Compact ergonomic design with large soft grip areas offers excellent handling
- Variable speed control with forward and reverse mechanism
- Hammer action stop for rotary drilling
- 13 mm metal keyless chuck\*
- 43 mm gear neck diameter for use in drill stands
- 4 m cable
- \*EU Only, UK Version: Keyed Chuck

## T-TEC 201

### 750 W L-SHAPED 2-SPEED PERCUSSION DRILL



- Optimal handling from a compact ergonomic design
- High torque planetary gears for drilling and driving large diameters
- Direct bit reception in spindle reducing overall length of tool
- Hammer action stop for rotary drilling
- Metal keyless chuck (1.5 - 13 mm)
- Reversible action
- Removable back handle
- 4 m cable

## PDE 16 RP

### 630 W SINGLE SPEED PERCUSSION DRILL



- Excellent handling from a compact ergonomic design
- Planetary gearbox for low speed and high torque applications
- Integrated-Metal-Block technology for highest durability and stability
- Electronics: variable preselection of speed for optimum drilling
- Hammer action stop for rotary drilling
- 4 m cable

## PDE 13 RX

### 630 W SINGLE SPEED PERCUSSION DRILL



- Excellent handling from a compact ergonomic design
- IMB - Integrated-Metal-Block technology for highest durability and stability
- Electronics: variable preselection of speed for optimum drilling
- Hammer action stop for rotary drilling
- Keyless chuck 1,5 - 13 mm with one sleeve
- Easy access and exchange of carbon brushes by removing soft grip
- 4 m cable

	PD-705
Power input (W)	705
No load speed (rpm)	0 - 3000
Max. drilling concrete (mm)	15
Max. drilling masonry (mm)	16
Max. drilling steel (mm)	13
Max. drilling wood (mm)	30
Max. static stalling torque (Nm)	15
Chuck capacity (mm)	13
Weight (kg)	1.9
Supplied in	-
Article Number	4933431955
EAN Code	4002395243914

	T-TEC 201
Power input (W)	750
No load speed gear 1 (rpm)	0 - 1200
No load speed gear 2 (rpm)	0 - 3400
Max. drilling concrete (mm)	20
Max. drilling masonry (mm)	22
Max. drilling steel (mm)	13
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	58
Chuck capacity (mm)	13
Weight (kg)	2.7
Supplied in	Kitbox
Article Number	4933380708
EAN Code	4002395227914

	PDE 16 RP
Power input (W)	630
No load speed (rpm)	0 - 950
Max. drilling concrete (mm)	16
Max. drilling masonry (mm)	20
Max. drilling steel (mm)	13
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	59
Chuck capacity (mm)	13
Weight (kg)	2.0
Supplied in	Kitbox
Article Number	4933409206
EAN Code	4002395235339

	PDE 13 RX
Power input (W)	630
No load speed (rpm)	0 - 2900
Max. drilling concrete (mm)	15
Max. drilling masonry (mm)	18
Max. drilling steel (mm)	13
Max. drilling wood (mm)	30
Max. static stalling torque (Nm)	21
Chuck capacity (mm)	13
Weight (kg)	1.8
Supplied in	Kitbox
Article Number	4933409200
EAN Code	4002395235322

## TKSE 2500 Q

**TECH GUN FOR SELF DRILLING SCREWS**



- Metal gearbox for exact seating of bearings and gears
- Quiet snap-action clutch
- Very easy to remove „snap-on“ depth setting nose
- Soft grip
- Supplied with a belt clip, socket set - 6/8/10 mm (49-66-3004) and 4 m QUIK-LOK cable

## DWSE 4000 Q

**DRYWALL SCREWDRIVER**



- Metal gearbox for exact seating of bearings and gears
- Quiet snap-action clutch
- Very easy to remove „snap-on“ depth setting nose
- Soft grip
- Supplied with a bit holder, Philips No. 2, belt clip and 4 m QUIK-LOK cable

## IPWE 400 RQ

**1/2" DRIVE IMPACT WRENCH**



- Metal gearbox for exact seating of bearings and gears
- High torque output 400 Nm
- Soft grip and ergonomic handle design
- Variable speed, reversible
- 4 m QUIK-LOK cable

## IPWE 520 RQ

**3/4" DRIVE IMPACT WRENCH**



- Metal gearbox for exact seating of bearings and gears
- High torque output 520 Nm
- Soft grip and ergonomic handle design
- Variable speed, reversible
- 4 m QUIK-LOK cable

### TKSE 2500 Q

Power input (W)	725
No load speed (rpm)	0 - 2500
Wood screws to (mm)	6
Max. static stalling torque (Nm)	25
Tool reception	1/4" Hex
Weight (kg)	1.4
Supplied in	-
Article Number	679050
EAN Code	4002395229710

### DWSE 4000 Q

Power input (W)	725
No load speed (rpm)	0 - 4000
Wood screws to (mm)	4.8
Max. static stalling torque (Nm)	20
Tool reception	1/4" Hex
Weight (kg)	1.3
Supplied in	-
Article Number	674350
EAN Code	4002395229680

### IPWE 400 RQ

Power input (W)	725
No load speed (rpm)	0 - 1700
Impact rate (ipm)	1000 - 2600
Max. torque (Nm)	400
Max. bolt diameter	M20
Tool reception	1/2" square
Weight (kg)	2.7
Supplied in	-
Article Number	907250
EAN Code	4002395229673

### IPWE 520 RQ

Power input (W)	725
No load speed (rpm)	0 - 1700
Impact rate (ipm)	1000 - 2500
Max. torque (Nm)	520
Max. bolt diameter	M24
Tool reception	3/4" square
Weight (kg)	2.8
Supplied in	-
Article Number	907650
EAN Code	4002395229666

## AGV 15 DEC

### 1550 W ANGLE GRINDER WITH DUST MANAGEMENT



- Powerful, 1550 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very compact and slim design for comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Safety clutch to prevent user from "kickback-effect"
- Keyless depth adjustment from 5 - 28 mm
- Keyless opening for easy and fast blade change
- Cutting guide with cutting indication line to prevent twisting and best control during work
- Tool-free quick release guard for fast and easy adjustment
- Dust shroud can be easily mounted to the Milwaukee® M-Class cleaners with unique "click-system" adaptor supplied with the Milwaukee® EMAC vacuum cleaner
- Anti-vibration side handle for reduced user fatigue
- Supplied with 4 m rubber cable, dust extraction cutting shroud, diamond cutting wheel DUH 125 mm

AGV 15-125 XC DEC-SET

Power input (W)	1550
No load speed (rpm)	11,000
Disc diameter (mm)	125
Max. cutting depth (mm)	28
Spindle size	M 14
Weight (kg)	2.6
Variable speed	No
FIXTEC	Yes
Line lock out function	Yes
AVS side handle	Yes
Supplied in	HD Box
Article Number	4933448025
EAN Code	4002395006816

## AGV 12 DEC

### 1200 W ANGLE GRINDER WITH DUST MANAGEMENT



- Powerful, 1200 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very compact and slim design for comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Safety clutch to prevent user from "kickback-effect"
- Keyless depth adjustment from 5 - 28 mm
- Keyless opening for easy and fast blade change
- Cutting guide with cutting indication line to prevent twisting and best control during work
- Tool-free quick release guard for fast and easy adjustment
- Dust shroud can be easily mounted to the Milwaukee® M-Class cleaners with unique "click-system" adaptor supplied with the Milwaukee® EMAC vacuum cleaner
- Anti-vibration side handle for reduced user fatigue
- Supplied with 4 m rubber cable, dust extraction cutting shroud, diamond cutting wheel DUH 125 mm

AGV 12-125 X DEC-SET

Power input (W)	1200
No load speed (rpm)	11,000
Disc diameter (mm)	125
Max. cutting depth (mm)	28
Spindle size	M 14
Weight (kg)	2.4
FIXTEC	Yes
Line lock out function	Yes
AVS side handle	Yes
Switch type	Slide switch
Supplied in	HD Box
Article Number	4933448020
EAN Code	4002395006809

## AGV 15 DEG

### 1550 W ANGLE GRINDER WITH DUST MANAGEMENT



- Powerful, 1550 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased tool life time and best performance in all applications
- Very compact and slim design for comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Magnetic, tool-free interface for optimum work in corners and closed to walls
- On-board storage of front cover, when removed for work in restricted areas
- Flexible height adjustment allows for complete use of diamond segments on grinding wheel
- Tool-free quick release guard for fast and easy adjustment
- Dust shroud can be easily mounted to the Milwaukee® M-Class cleaners with unique "click-system" adaptor supplied with the Milwaukee® EMAC vacuum cleaner
- Angled bale handle design to allow for more pressure to be applied in all positions
- Brushes are replaceable when worn
- Supplied with 4 m rubber cable, bale handle, dust extraction grinding shroud, diamond cup wheel 125 mm

AGV 15-125 XC DEG-SET    AGV 15-125 XE DEG-SET

Power input (W)	1550	1550
No load speed (rpm)	11,000	2800 - 11,000
Disc diameter (mm)	125	125
Max. cutting depth (mm)	28	28
Spindle size	M 14	M 14
Weight (kg)	2.6	2.6
Variable speed	No	Yes
FIXTEC	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	HD Box	HD Box
Article Number	4933448035	4933448830
EAN Code	4002395006830	4002395263424

## AGV 12 DEG

### 1200 W ANGLE GRINDER WITH DUST MANAGEMENT



- Powerful, 1200 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very compact and slim design for comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Magnetic, tool-free interface for optimum work in corners and closed to walls
- On-board storage of front cover, when removed for work in restricted areas
- Flexible height adjustment allows for complete use of diamond segments on grinding wheel
- Tool-free quick release guard for fast and easy adjustment
- Dust shroud can be easily mounted to the Milwaukee® M-Class cleaners with unique "click-system" adaptor supplied with the Milwaukee® EMAC vacuum cleaner
- Angled bale handle design to allow for more pressure to be applied in all positions
- Brushes are replaceable when worn
- Supplied with 4 m rubber cable, bale handle, dust extraction grinding shroud, diamond cup wheel 125 mm

AGV 12-125 X DEG-SET

Power input (W)	1200
No load speed (rpm)	11,000
Disc diameter (mm)	125
Max. cutting depth (mm)	28
Spindle size	M 14
Weight (kg)	2.4
FIXTEC	Yes
Line lock out function	Yes
Switch type	Slide switch
Supplied in	HD Box
Article Number	4933448030
EAN Code	4002395006823

## WCE 65

**2300 W 230 MM (65 MM DOC)  
WALL CHASER**



- Powerful 2300 watt motor
- Ideal for plumbers and builders for installing waste pipes
- Motor overload protection
- Current limitation for soft start
- Axial rotation of drive unit for optimum cutting into corners
- Dust extraction connection
- Supplied with special chisel, keys, parallel guide

## WCS 45

**1900 W 150 MM (45 MM DOC)  
WALL CHASER**



- Powerful 1900 W motor
- Overload protection
- Variable adjustable cutting depth and variable cutting width
- TILT-LOK handle
- Soft grip
- Dust extraction connection
- Supplied with 2 diamond discs, special chisel, keys

## WCE 30

**1500 W 125 MM (30 MM DOC)  
WALL CHASER**



- Powerful 1500 watt motor
- Ideal for the installation of conduit for electrical cables
- High performance electronics with overload protection
- Current limitation for soft start
- Easily adjustable cutting width
- In-Line dust extraction connection
- Supplied with 2 diamond discs, special chisel, keys, bayonet adaptor

	WCE 65
Power input (W)	2300
No load speed (rpm)	6600
Disc diameter (mm)	230
Cutting width (mm)	56
Max. cutting depth (mm)	65
Spindle size	M 14
Weight (kg)	8.7
Supplied in	Kitbox
Article Number	4933385125
EAN Code	4002395229208

	WCS 45
Power input (W)	1900
No load speed (rpm)	5800
Disc diameter (mm)	150
Cutting width (mm)	45
Max. cutting depth (mm)	45
Spindle size	M 14
Weight (kg)	6.6
Supplied in	Kitbox
Article Number	4933383350
EAN Code	4002395229086

	WCE 30
Power input (W)	1500
No load speed (rpm)	9500
Disc diameter (mm)	125
Cutting width (mm)	26
Max. cutting depth (mm)	30
Spindle size	M 14
Weight (kg)	4.3
Supplied in	Kitbox
Article Number	4933383855
EAN Code	4002395228980

# DIAMOND BLADES

## SPEEDCROSS



**CROSS MAXIMUM  
SPEED, LONG LIFE,  
LOW VIBRATION.**

	115 mm	125 mm	150 mm	230 mm
HUDD	4932399819	4932399820	4932399821	4932399822
AUDD	4932399823	4932399824	4932399825	4932399826

### FEATURES:

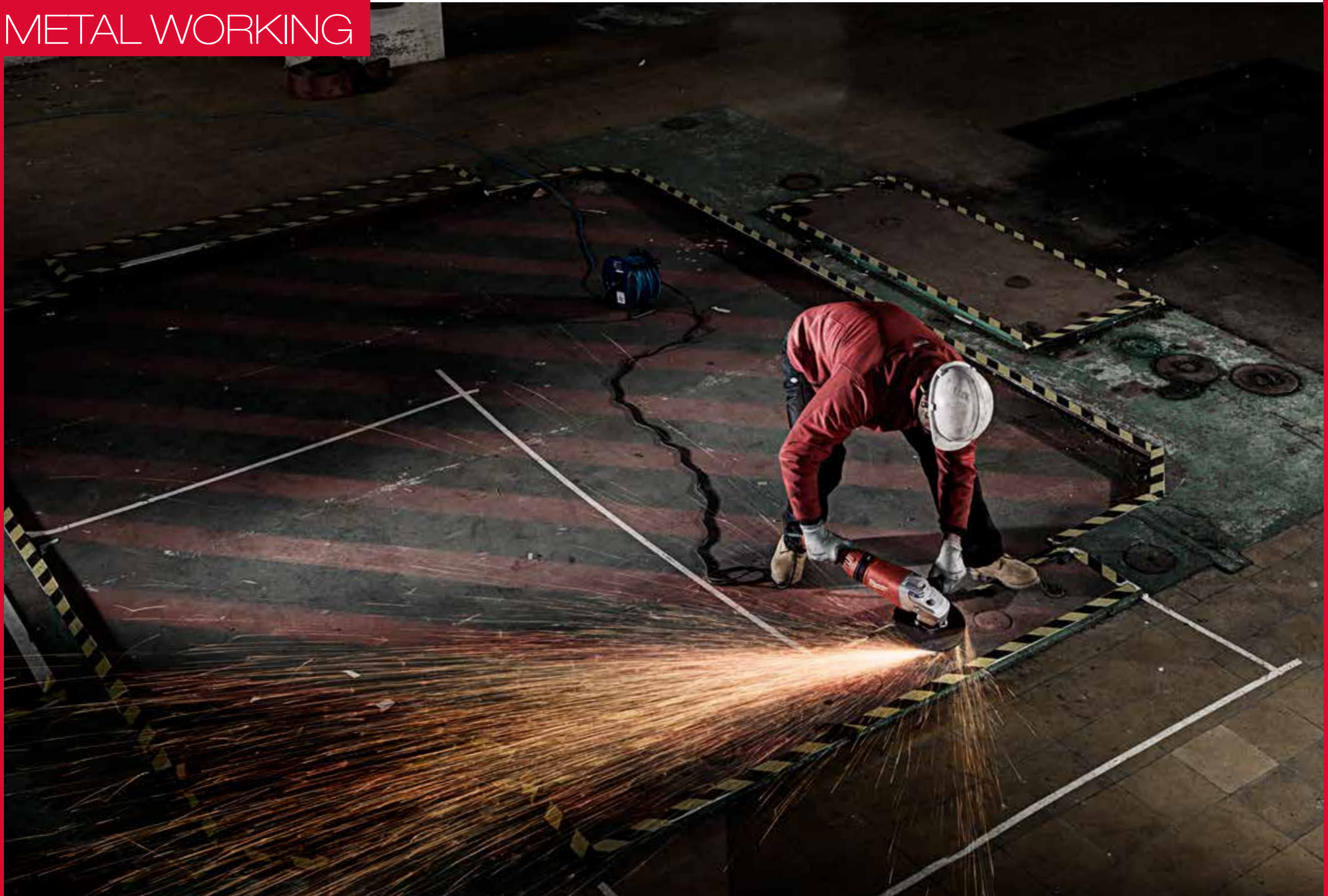
- Universal blade for a variety of materials.
- Classed into two categories for maximum lifetime.
- 10 mm segments height to ensure long lifetime.
- Laser welded segments, so 100% user friendly.
- Low vibration.

### APPLICATION AREAS.

- The Speedcross blades are universal in application but their best performance is achieved at different ends of the spectrum.
- The HUDD is predominantly a blade for very hard to medium hard general building materials, the harder the material, the better the performance.
- Alternatively the AUDD is most suitable for hard materials to soft / abrasive materials, its best performance is achieved when used in standard hardness concrete and general building materials.



# METAL WORKING



## B4-32

### 1050 W 4-SPEED ROTARY DRILL

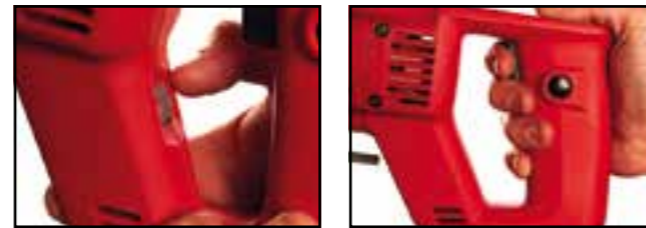


- Powerful 1050 W motor
- Four-speed rotary drill for Heavy Duty drilling up to 32 mm diameter in steel
- Robust metal casing, extra-jacketed in motor area
- Cone spindle with morse taper for precision tool holder
- Cross-handle and breast plate for safe handling and high contact pressure
- Suitable for stationary application with magnetic drill stand DDH 32
- 4 m cable

	B4-32
Power input (W)	1050
No load speed gear 1 (rpm)	220
No load speed gear 2 (rpm)	260
No load speed gear 3 (rpm)	350
No load speed gear 4 [rpm]	420
Max. drilling steel (mm)	32
Max. drilling wood (mm)	52
Max. static stalling torque (Nm)	>200
Tool reception	MT3
Weight (kg)	9.7
Supplied in	-
Article Number	4933380519
EAN Code	4002395227235

## B2E 16 RLD

### 900 W 2-SPEED ROTARY DRILL



- Powerful 900 W motor
- High torque and lower speed for tough applications
- Variable speed selection
- Metal gearbox for outstanding durability
- 16 mm metal keyed chuck
- 4 m cable

	B2E 16 RLD
Power input (W)	900
No load speed gear 1 (rpm)	0 - 750
No load speed gear 2 (rpm)	0 - 1600
Max. drilling steel (mm)	16
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	88
Chuck capacity (mm)	16
Tool reception	M18 x 2.5
Weight (kg)	4.2
Supplied in	-
Article Number	4933380482
EAN Code	4002395227198

## HD2E 13 R

### 705 W 2-SPEED ROTARY DRILL



- Compact and powerful 705 W motor
- Electronics with variable speed selection and reverse function
- Metal gearbox for outstanding durability
- 13 mm metal keyless chuck
- Soft grip and ergonomic handle design for comfortable handling
- 4 m cable

	HD2E 13 R
Power input (W)	705
No load speed gear 1 (rpm)	0 - 1050
No load speed gear 2 (rpm)	0 - 2200
Max. drilling steel (mm)	13
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	60
Chuck capacity (mm)	13
Tool reception	1/2" x 20
Weight (kg)	2.7
Supplied in	-
Article Number	4933390186
EAN Code	4002395231454

## HDE 13 RQX

### 950 W SINGLE SPEED ROTARY DRILL



- Compact and powerful 950 W motor
- Variable speed
- Great performance in low speed and high torque applications
- Industrial metal single sleeve keyless chuck
- Automatic spindle lock
- Reverse operation
- 4 m QUIK-LOK cable

	HDE 13 RQX	HDE 13 RQX KIT
Power input (W)	950	950
No load speed (rpm)	0 - 850	0 - 850
Max. drilling steel (mm)	13	13
Max. drilling wood (mm)	38	38
Max. static stalling torque (Nm)	94	94
Chuck capacity (mm)	13	13
Tool reception	1/2" x 20	1/2" x 20
Weight (kg)	2.0	2.0
Supplied in	-	Kitbox
Article Number	030250	4933428550
EAN Code	4002395229642	4002395241576

## HDE 13 RQD

### 825 W SINGLE SPEED ROTARY DRILL



- Compact and powerful 825 W motor
- Variable speed
- Great performance in low speed and high torque applications
- Keyed chuck 1.5 - 13 mm
- Reverse operation
- 4 m QUIK-LOK cable

## HDE 10 RQX

### 725 W SINGLE SPEED ROTARY DRILL



- Compact and powerful 725 W motor
- Electronic switch for variable speed to ensure a smooth, easy drilling start
- Great performance in low speed and high torque applications
- Industrial metal single sleeve keyless chuck
- Automatic spindle lock
- Reversible action
- 4 m QUIK-LOK cable

## HDE 6 RQ

### 725 W SINGLE HIGH SPEED ROTARY DRILL



- Compact and powerful 725 W motor
- Metal gearbox for exact seating of bearings and gears
- Keyed chuck 1.5 - 10 mm
- Ergonomic design with soft grip
- Reverse operation
- 4 m QUIK-LOK cable

## DE 13 RP

### 630 W SINGLE SPEED ROTARY DRILL



- Compact and powerful 630 W motor
- Electronics: variable preselection of speed for optimum drilling
- Integrated metal block technology for highest durability and stability
- Planetary gearbox for low speed and high torque applications
- Metal keyless chuck (1.5 - 13 mm)
- Reversible action
- Easy access and exchange of carbon brushes by removing soft grip
- 4 m cable

HDE 13 RQD	
Power input (W)	825
No load speed (rpm)	0 - 500
Max. drilling steel (mm)	13
Max. drilling wood (mm)	38
Max. static stalling torque (Nm)	101
Chuck capacity (mm)	13
Tool reception	1/2" x 20
Weight (kg)	3.2
Supplied in	-
Article Number	110750
EAN Code	4002395229659

HDE 10 RQX	
Power input (W)	725
No load speed (rpm)	0 - 850
Max. drilling steel (mm)	10
Max. drilling wood (mm)	30
Max. static stalling torque (Nm)	63
Chuck capacity (mm)	10
Tool reception	1/2" x 20
Weight (kg)	1.9
Supplied in	-
Article Number	020250
EAN Code	4002395229628

HDE 6 RQ	
Power input (W)	725
No load speed (rpm)	0 - 4000
Max. drilling steel (mm)	6
Max. drilling wood (mm)	16
Max. static stalling torque (Nm)	30
Chuck capacity (mm)	10
Tool reception	3/8" x 24
Weight (kg)	1.4
Supplied in	-
Article Number	010150
EAN Code	4002395229611

DE 13 RP	
Power input (W)	630
No load speed (rpm)	0 - 950
Max. drilling steel (mm)	13
Max. drilling wood (mm)	40
Max. static stalling torque (Nm)	59
Chuck capacity (mm)	13
Tool reception	1/2" x 20
Weight (kg)	2.1
Supplied in	Kitbox
Article Number	4933409194
EAN Code	4002395235346

# HOLE DOZER

## HOLESAWS

**HOLE DOZER**

**THE MILWAUKEE® HOLE DOZER™ IS THE JOBSITE WORKHORSE THAT PROVIDES UNSTOPPABLE DURABILITY THROUGH THE MOST DEMANDING APPLICATIONS.**

**RIP GUARD**  
LIFETIME TOOTH BREAK WARRANTY

- Lifetime warranty against tooth breakage
- Rip guard tooth geometry provides for the most durable tooth form and best lifetime

**PLUG JACK™**

- Multiple leverage points to work cut material out of the holesaw for faster plug removal
  - Deepest access for thick plugs
  - Higher access for thin material
  - Minimises downtime between cuts

**ALL-ACCESS SLOT**

**7 pc Hole Dozer Holesaw set.**  
Holesaws: Ø 19, 22, 25, 29, 32 mm.  
Arbor - for holesaws Ø 14 - 30 mm (Id. No. 49567010). Spacer and adaptor. 1/8" Hex allen key.

**49224083**

**10 pc holesaw set.**  
Holesaws: Ø 25, 32, 40, 54, 68, 76 mm.  
Arbor - for holesaws Ø 14 - 30 mm (Id. No. 49567010). Arbor - for holesaws Ø 32 - 152 mm (Id. No. 49569100). 2 x Pilot drill bits, 1/8" Hex allen key.

**49224201**

**14 pc holesaw set.**  
Holesaws: Ø 19, 22, 25, 29, 32, 35, 38, 44, 51, 57 mm. Arbor - for holesaws Ø 14 - 30 mm (Id. No. 49567010). Arbor - for holesaws Ø 32 - 152 mm (Id. No. 49569100). 2 x Pilot drill bits, 1/8" ~ 3 mm allen key.

**49224152**

**17 pc holesaw set.**  
Holesaws: Ø 20, 22, 25, 32, 40, 44, 51, 57, 64, 65, 67, 68, 76 mm. Arbor - for holesaws Ø 14 - 30 mm (Id. No. 49567010). Arbor - for holesaws Ø 32 - 152 mm (Id. No. 49569100). 2 x Pilot drill bits, 1/8" allen key (Id. No. 49960060).

**49224102**

## ADJUSTABLE HOLE CUTTER

ARTICLE NO. 49560260

**FEATURES:**

- For cutting large diameter holes for air conditioning pipes, fans, downlights and ceiling speakers.
- Dust collection shroud for 100% dust free work when overhead drilling.
- Diameter is adjustable from 51 mm to 178 mm in 6.4 mm steps.
- Laser marked preset diameters at 51 - 178 mm.
- Suitable for use on drywall (max. 25 mm) and ceiling tile. Not suitable for OSB wood boards.



## DE 10 RX

### 630 W SINGLE HIGH SPEED ROTARY DRILL



- Compact and powerful 630 W motor
- Electronics: variable preselection of speed for optimum drilling
- Integrated metal block technology for highest durability and stability
- Planetary gearbox for low speed and high torque applications
- Metal FIXTEC chuck (1.0 - 10 mm)
- Reversible action
- Easy access and exchange of carbon brushes by removing soft grip
- 4 m cable

	DE 10 RX
Power input (W)	630
No load speed (rpm)	0 - 2700
Max. drilling steel (mm)	10
Max. drilling wood (mm)	30
Max. static stalling torque (Nm)	21
Chuck capacity (mm)	10
Tool reception	1/2" x 20
Weight (kg)	1.6
Supplied in	-
Article Number	4933409211
EAN Code	4002395235353

## DD 3-152

### 3-SPEED COMBI DIAMOND DRILL



- Powerful 1900 watt motor
- Optimum speed range to drive small and large core bits
- Soft start with stepless speed control
- LED thermal motor temperature protection indicator
- Safety clutch
- Quick-in connection - secure motor fixing connection for ease of use and minimum vibration
- L shaped handle for better weight distribution
- 3-speed gearbox
- 5 m cable with PRCD
- Supplied with dust extraction connector, 32 mm and 41 mm spanners

	DD 3-152
Power input (W)	1900
Full load speed (rpm)	550 / 1250 / 2700
Max. drilling concrete (mm)	152
Max. drilling masonry (mm)	202
Tool reception	1/2" G + 1 1/2" UNC
Weight (kg)	6.5
Supplied in	Kitbox
Article Number	4933428000
EAN Code	4002395239801

# WET DIAMOND DRILLING CORES



## WCHP-SB 8-50 mm



- 1 Standard 1/2" G reception.
- 2 Standard 1 1/4" UNC reception.
- 3 Engraving of diameter and type on the core reception for longterm visibility.
- 4 Laser welded segments guarantee against break off.
- 4 10 mm segment height for superior life time.

- Extra thin 2 mm segment for fast and aggressive drilling in reinforced concrete.
- Closed ring segment for outstanding performance in tough applications.

Uniquely designed TURBO shaped segments

- Pre-grinded, for best performance right from the first hole.
- One outer and two inner slots enable improved cooling and increased material removal.



## WCHP-SB 52-152 mm



Ø (mm)	Description	Core reception	Working length B (mm)	Total length A (mm)	Article Number
8	WCHP-SB 8	1/2" Gas	70	135	4932352072
12	WCHP-SB 12	1/2" Gas	200	265	4932352074
14	WCHP-SB 14	1/2" Gas	300	365	4932352075
16	WCHP-SB 16	1/2" Gas	300	365	4932352077
18	WCHP-SB 18	1/2" Gas	300	365	4932352078
20	WCHP-SB 20	1/2" Gas	300	365	4932352079
22	WCHP-SB 22	1/2" Gas	300	365	4932352080
24	WCHP-SB 24	1/2" Gas	300	365	4932352081
25	WCHP-SB 25	1/2" Gas	300	365	4932352082
28	WCHP-SB 28	1/2" Gas	300	365	4932352083
30	WCHP-SB 30	1/2" Gas	300	365	4932352084
32	WCHP-SB 32	1/2" Gas	300	365	4932352085
35	WCHP-SB 35	1/2" Gas	300	365	4932352086
37	WCHP-SB 37	1/2" Gas	300	365	4932352087

Ø (mm)	Description	Core reception	Working length B (mm)	Total length A (mm)	Article Number
40	WCHP-SB 40	1/2" Gas	300	365	4932352088
42	WCHP-SB 42	1/2" Gas	300	365	4932352089
45	WCHP-SB 45	1/2" Gas	300	365	4932352090
50	WCHP-SB 50	1/2" Gas	300	365	4932352092
52	WCHP-SB 52	1 1/4" UNC	420	500	4932352734
62	WCHP-SB 62	1 1/4" UNC	420	500	4932352735
82	WCHP-SB 82	1 1/4" UNC	420	500	4932352736
92	WCHP-SB 92	1 1/4" UNC	420	500	4932352737
102	WCHP-SB 102	1 1/4" UNC	420	500	4932352738
112	WCHP-SB 112	1 1/4" UNC	420	500	4932352739
122	WCHP-SB 122	1 1/4" UNC	420	500	4932352740
132	WCHP-SB 132	1 1/4" UNC	420	500	4932352741
152	WCHP-SB 152	1 1/4" UNC	420	500	4932352742

## DR 152 T

### DIAMOND DRILL STAND FOR DD 3-152



- Cast aluminium base for easy transportation
- 45° tilt for angle drilling
- Quick-in connection - precise and quick connection of tool and rig
- Compact base - saves space for drilling in confined spaces
- 4 leveling screws for fast adjustment
- Horizontal and vertical spirit levels
- Transport handle
- Locking knob locks unit at highest position to aid fixing of machine and core bit
- Two spoke wheel feed for left and right hand operation
- Vacuum plate is available as accessory (4932352676)

	DR 152 T
Max. drilling core bit (mm)	152
Base size (mm)	330 x 210
Angle capacity (°)	45
Weight (kg)	10
Supplied in	-
Article Number	4933428020
EAN Code	4002395239818

## DD 2-160 XE

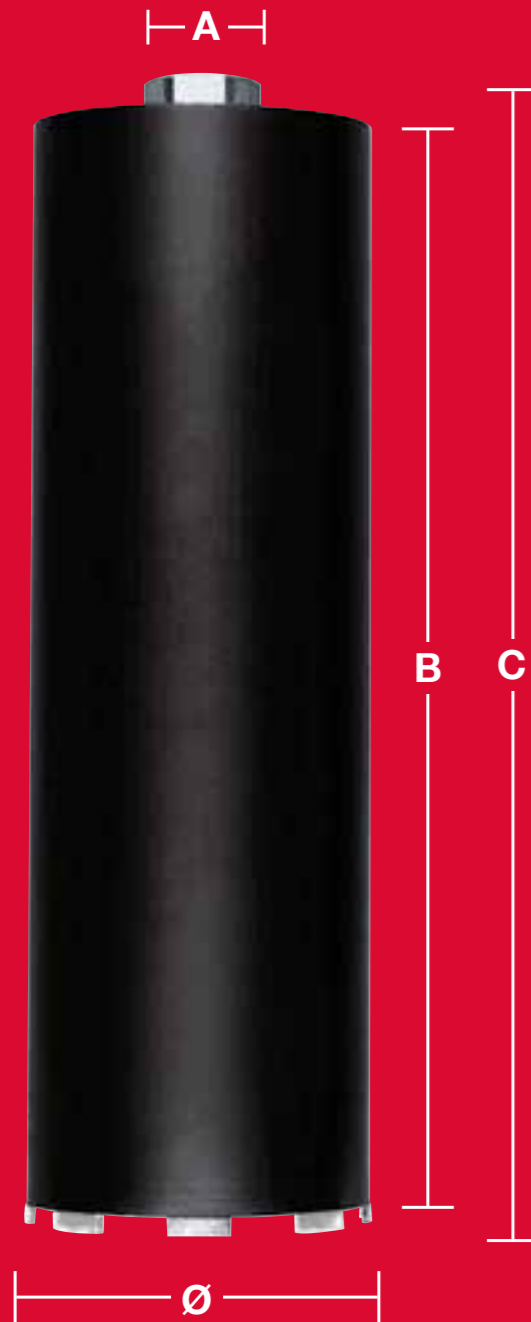
### 2-SPEED DRY DIAMOND DRILL



- Powerful robust motor delivers constant high torque
- Dual protection from the interlinked mechanical and electronic clutches to protect both user and tool
- Robust construction with metal gearbox
- Safe handling from the long AVS side handle and „D- shaped“ back handle
- 2-speed gear box
- M16 FIXTEC adaptor for fast core bit changing
- Soft hammer action - when activated allows the core bit to cut faster and easier
- Soft start via accelerator switch for precision and controlled drilling
- FIXTEC Cleanline rotor (additional accessory) the best solution for dust extraction
- 4 m cable
- Supplied with quick change adaptor for M16 diamond cores, SDS-plus pilot drill bit (8 x 140 mm)

	DD 2-160 XE
Power input (W)	1500
No load speed (rpm)	0 - 1500 / 0 - 3000
Full load speed (rpm)	0 - 890 / 0 - 1770
No load hammer stroke (rpm)	24,000 / 48,000
Max. drilling masonry (mm)	162
Max. static stalling torque (Nm)	50
Tool reception	M18 x 2.5
Weight (kg)	4.2
Supplied in	Kitbox
Article Number	4933368690
EAN Code	4002395232505

# DRY DIAMOND CORES WITH DUST EXTRACTION - DCHXL



Guide rod for DD2-160. Supplied with locking screw (4931622432). Requires allen key (4931616044) and SDS-plus pilot drill bit (8 x 110 mm, 4932307070).

Description	Tool reception	Core reception	Article Number
FIXTEC Clean Line Rotor (CLR).	M18 x 2.5	1 1/4" UNC	4932352172

Description	Ø (mm)	Core reception	Working length B (mm)	Total length A (mm)	Article Number
DCHXL 38*	38	1 1/4" UNC	420	490	4932399753
DCHXL 52	52	1 1/4" UNC	420	490	4932399163
DCHXL 68	68	1 1/4" UNC	420	490	4932399164
DCHXL 82	82	1 1/4" UNC	420	490	4932399165
DCHXL 102	102	1 1/4" UNC	420	490	4932399166
DCHXL 107	107	1 1/4" UNC	420	490	4932399754
DCHXL 112	112	1 1/4" UNC	420	490	4932399167
DCHXL 117	117	1 1/4" UNC	420	490	4932399755
DCHXL 122	122	1 1/4" UNC	420	490	4932399168
DCHXL 127	127	1 1/4" UNC	420	490	4932399169
DCHXL 132	132	1 1/4" UNC	420	490	4932399170
DCHXL 152	152	1 1/4" UNC	420	490	4932399171
DCHXL 162	162	1 1/4" UNC	420	490	4932399172

\* During pre-drilling no centering star required.

## DCM 2-350 C DIAMOND DRILLING MOTOR



- Two-speed diamond coring motor
- Internal slip clutch
- Triple-reduction gearing
- Soft start switch
- Motor overload protection
- PRCD residual current device
- Built-in water swivel
- Dual-mount switch box
- Supplied with open end wrench, Hex keys and strap with switch box

	DCM 2-350 C
Power input (W)	2800
No load speed gear 1 (rpm)	300
No load speed gear 2 (rpm)	600
Max. drilling core bit (mm)	350
Tool reception	1 1/4" UNC
Weight (kg)	9
Supplied in	-
Article Number	40044
EAN Code	4002395229772

## DR 350 T DIAMOND DRILL STAND FOR DCM 2-350 C



- Light weight drilling rig from aluminium
- Tilting (0 - 45°)
- Drill angle and depth display
- Quick-connect motor plate
- Fine adjustment of feed speed
- Vertical and horizontal water level
- Drill hole centering device
- Leveling screws
- Feed handle attachable to both sides of rig
- Transportable handle & wheels
- Supplied with 3/16" Hex key, 6 mm Hex key, 17 x 19 wrench, quick-connect motor plate, 4 pcs. M8 x 25 mm screws, centering device

	DR 350 T
Max. drilling core bit (mm)	350
Stroke length (mm)	610
Height (mm)	1042
Base size (mm)	391 x 523
Angle capacity (°)	45
Weight (kg)	19.5
Supplied in	-
Article Number	4933400600
EAN Code	4002395234011

## DCM 2-250 C

### DIAMOND DRILLING MOTOR



- Two-speed diamond coring motor
- Internal slip clutch
- Triple-reduction gearing
- Soft start switch
- Motor overload protection
- PRCO residual current device
- Built-in water swivel
- Dual-mount switch box
- Supplied with open end wrench, Hex keys and strap with switch box

	DCM 2-250 C
Power input (W)	2800
No load speed gear 1 (rpm)	450
No load speed gear 2 (rpm)	900
Max. drilling core bit (mm)	250
Tool reception	1 1/2" UNC
Weight (kg)	9
Supplied in	-
Article Number	40964
EAN Code	4002395229796

## DR 250 TV

### DIAMOND DRILL STAND FOR DCM 2-250 C



- Light weight drilling rig from aluminium
- Tilting (0 - 45°)
- Drill angle and depth display
- Quick-connect motor plate
- Integrated vacuum base plate (use with and without vacuum possible)
- Fine adjustment of feed speed
- Vertical and horizontal water level
- Drill hole centering device
- Leveling screws
- Feed handle attachable to both sides of rig
- Supplied with 3/16" Hex key, 6 mm Hex key, 17 x 19 wrench, quick-connect motor plate, 4 pcs. M8 x 25 mm screws, centering device, vacuum rubber seal

	DR 250 TV
Max. drilling core bit (mm)	250
Stroke length (mm)	520
Height (mm)	834
Base size (mm)	276 x 467
Angle capacity (°)	45
Weight (kg)	10
Supplied in	-
Article Number	4933400590
EAN Code	4002395234028

## MD 4-85

### MAGNETIC DRILLING PRESS

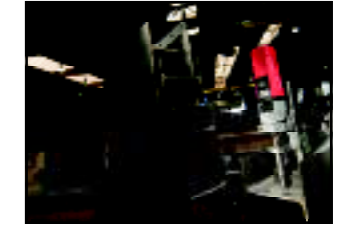


- Heavy-duty magnet drill stand with 4-speed motor and high-torque gear transmission
- High precision through the morse 3 taper reception and easily adapted to take solid bits either direct or through a chuck system
- Powerful magnetic base exerts a force of almost two tonnes, ensuring safety and stability
- Electronic switch panel for easy operation
- Supplied with an adjustable safety guard, cutting oil and hex keys

	MD 4-85
Power input (W)	1050
No load speed (rpm)	220/260/350/420
Full load speed (rpm)	115/160/190/260
Max. diameter broaching capacity (mm)	85
Max. depth broaching capacity (mm)	50
Max. drilling solid bit (mm)	32
Max. static stalling torque (Nm)	>200
Magn. holding power (at drill point pressure) (N)	18,000
Weight (kg)	28.0
Supplied in	Kitbox
Article Number	4933380850
EAN Code	4002395228904

## MDE 42

### MAGNETIC DRILLING PRESS



- Lightweight, portable and powerful magnetic drill stand
- 1200 watts of motor power transmitted through three reduction gears provide the power to drill a massive 42 mm hole through 50 mm thick steel
- High magnet power and the latest developments in electronics provide the control and comply to all safety demands
- Electronic switch panel for easy operation
- Supplied with an adjustable safety guard, cutting oil and hex keys

	MDE 42
Power input (W)	1200
No load speed (rpm)	300 - 640
Full load speed (rpm)	170 - 330
Max. diameter broaching capacity (mm)	42
Max. depth broaching capacity (mm)	50
Max. drilling solid bit (mm)	16
Max. static stalling torque (Nm)	85
Magn. holding power (at drill point pressure) (N)	10,000
Weight (kg)	11.5
Supplied in	Kitbox
Article Number	4933380832
EAN Code	4002395228881

## MDE 41

### MAGNETIC DRILLING PRESS WITH ELECTRO MAGNET



- 1200 Watt powerful motor with optimized drilling speed
- 2 speed gear box for optimized drilling speed with 475 and 730 RPM's when using annual cutters or twist drill bits
- AUTOSTOP™ lift-off detection: Detects excess rotation and automatically cuts power to the drill for best user protection
- Electro powered magnet with 9930 N of holding force
- Maximum drilling capacity of 41 mm with use of annual cutters and 13 mm straight shank twist drill bits
- Keyless 19 mm Weldon reception for fast and easy accessory change
- 146 mm stroke length for usage of different accessories
- Tool-free detachable handle for right or left hand usage
- On board LED light to illuminate the work surface

## MDP 41

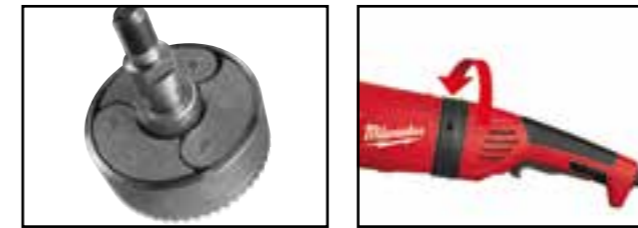
### MAGNETIC DRILLING PRESS WITH PERMANENT MAGNET



- 1200 Watt powerful motor with optimized drilling speed
- 2 speed gear box for optimized drilling speed with 475 and 730 RPM's when using annual cutters or twist drill bits
- AUTOSTOP™ lift-off detection: Detects excess rotation and automatically cuts power to the drill for best user protection
- Self-powered permanent magnet with 8890 N of holding force prevent accidental magnet deactivation for improved user protection and easy alignment
- Maximum drilling capacity of 41 mm with use of annual cutters and 13 mm straight shank twist drill bits
- Keyless 19 mm Weldon reception for fast and easy accessory change
- 146 mm stroke length for usage of different accessories
- Tool-free detachable handle for right or left hand usage
- On board LED light to illuminate the work surface

## AGVM 26

### 2600 W ANGLE GRINDER



- Milwaukee® B-Guard protects both operator and machine from "kickback effect"
- Powerful, 2600 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional AVS side handle for more comfortable handling and less strain of body joints
- Lowest vibration in it's class with only 2.5 m/s<sup>2</sup>
- 7 position rotatable main handle
- FIXTEC flange nut for fast and easy change of discs
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

## AGV 26

### 2600 W ANGLE GRINDER



- Powerful, 2600 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional AVS side handle for more comfortable handling and less strain of body joints
- Lowest vibration in it's class with only 2.5 m/s<sup>2</sup>
- 7 position rotatable main handle
- Soft start for smooth start up
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

	MDE 41
Power input (W)	1200
No load speed (rpm)	475 / 730
Max. diameter broaching capacity (mm)	41
Max. depth broaching capacity (mm)	50
Max. drilling solid bit (mm)	13
Magn. holding power (at drill point pressure) (N)	9930
Weight (kg)	13,5
Supplied in	Kitbox
Article Number	4933451015
EAN Code	4002395136681

	MDP 41
Power input (W)	1200
No load speed (rpm)	475 / 730
Max. diameter broaching capacity (mm)	41
Max. depth broaching capacity (mm)	50
Max. drilling solid bit (mm)	13
Magn. holding power (at drill point pressure) (N)	8890
Weight (kg)	14,0
Supplied in	Kitbox
Article Number	4933451014
EAN Code	4002395136674

	AGVM 26-230 GEX	AGVM 26-230 GEX/DMS
Power input (W)	2600	2600
No load speed (rpm)	6600	6600
Disc diameter (mm)	230	230
Max. cutting depth (mm)	68	68
Spindle size	M 14	M 14
Weight (kg)	5,8	5,8
FIXTEC flange nut	Yes	Yes
Deadman switch	No	Yes
Line lock out function	Yes	No
Autobalancer system	Yes	Yes
AVS Anti-Vibration System	Yes	Yes
Rotatable main handle	Yes	Yes
Supplied in	-	-
Article Number	4933402365	4933402495
EAN Code	4002395234271	4002395234394

	AGV 26-230 GE	AGV 26-230 GE/DMS
Power input (W)	2600	2600
No load speed (rpm)	6600	6600
Disc diameter (mm)	230	230
Max. cutting depth (mm)	68	68
Spindle size	M 14	M 14
Weight (kg)	5,5	5,5
FIXTEC flange nut	No	No
Deadman switch	No	Yes
Line lock out function	Yes	No
Autobalancer system	Yes	Yes
AVS Anti-Vibration System	Yes	Yes
Rotatable main handle	Yes	Yes
Supplied in	-	-
Article Number	4933402360	4933402490
EAN Code	4002395234257	4002395234356



## AGVM 24

### 2400 W ANGLE GRINDER



- Milwaukee® B-Guard protects both operator and machine from “kickback” effect
- Powerful, 2400 W “PROTECTOR-MOTOR” with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional AVS side handle for more comfortable handling and less strain of body joints
- Lowest vibration in it’s class with only 2.5 m/s<sup>2</sup>
- 7 position rotatable main handle
- FIXTEC flange nut for fast and easy change of discs
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

## AGV 24

### 2400 W ANGLE GRINDER



- Powerful, 2400 W “PROTECTOR-MOTOR” with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional AVS side handle for more comfortable handling and less strain of body joints
- Lowest vibration in it’s class with only 2.5 m/s<sup>2</sup>
- Soft start for smooth start up
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

## AG 24

### 2400 W ANGLE GRINDER



- Powerful, 2400 W “PROTECTOR-MOTOR” with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Ergonomically designed motor housing for best user comfort
- Soft start for smooth start up
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

## AG 22

### 2200 W ANGLE GRINDER



- Powerful, 2200 W motor with powder field coating for long life time and outstanding performance in all applications
- Extreme compact design with an overall short length of 485 mm and 5.2 kg for most comfortable handling
- Burst resistant keyed safety guard
- External brush doors for easy access to the brushes for fast servicing

	AGVM 24-230 GEX	AGVM 24-230 GEX/DMS
Power input (W)	2400	2400
No load speed (rpm)	6600	6600
Disc diameter (mm)	230	230
Max. cutting depth (mm)	68	68
Spindle size	M 14	M 14
Weight (kg)	5.8	5.8
FIXTEC flange nut	Yes	Yes
Deadman switch	No	Yes
Line lock out function	Yes	No
Autobalancer system	Yes	Yes
AVS Anti-Vibration System	Yes	Yes
Rotatable main handle	Yes	Yes
Supplied in	-	-
Article Number	4933402340	4933402475
EAN Code	4002395234240	4002395234370

	AGV 24-230 E	AGV 24-230 GE	AGV 24-230 GE/DMS
Power input (W)	2400	2400	2400
No load speed (rpm)	6600	6600	6600
Disc diameter (mm)	230	230	230
Max. cutting depth (mm)	68	68	68
Spindle size	M 14	M 14	M 14
Weight (kg)	5.5	5.5	5.5
FIXTEC flange nut	No	No	No
Deadman switch	No	No	Yes
Line lock out function	Yes	Yes	No
Autobalancer system	Yes	Yes	Yes
AVS Anti-Vibration System	Yes	Yes	Yes
Rotatable main handle	No	Yes	Yes
Supplied in	-	-	-
Article Number	4933402335	4933402330	4933402520
EAN Code	4002395234233	4002395234226	4002395234400

	AG 24-230 E	AG 24-230 E/DMS
Power input (W)	2400	2400
No load speed (rpm)	6600	6600
Disc diameter (mm)	230	230
Max. cutting depth (mm)	68	68
Spindle size	M 14	M 14
Weight (kg)	5.3	5.3
FIXTEC flange nut	No	No
Deadman switch	No	Yes
Line lock out function	Yes	No
Autobalancer system	No	No
AVS Anti-Vibration System	No	No
Rotatable main handle	No	No
Supplied in	-	-
Article Number	4933402325	4933402450
EAN Code	4002395234219	4002395234325

	AG 22-180/DMS	AG 22-230/DMS
Power input (W)	2200	2200
No load speed (rpm)	6600	6600
Disc diameter (mm)	180	230
Max. cutting depth (mm)	43	68
Spindle size	M 14	M 14
Weight (kg)	5.1	5.2
FIXTEC flange nut	No	No
Deadman switch	Yes	Yes
Line lock out function	No	No
Autobalancer system	No	No
AVS side handle	No	No
Rotatable main handle	No	No
Supplied in	-	-
Article Number	4933431830	4933433630
EAN Code	4002395243846	4002395244423

## AGV 22 2200 W ANGLE GRINDER



- Powerful, 2200 W motor with powder field coating for long life time and outstanding performance in all applications
- Extreme compact design with an overall short length of 485 mm and 5.4 kg for most comfortable handling
- Soft start for smooth start up
- Burst resistant quick release safety guard for easy adjustment
- 2-positions Anti-vibration side handle for less vibrations to the user and more comfortable work
- External brush doors for easy access to the brushes for fast servicing
- 4 m rubber cable

	AGV 22-180 E	AGV 22-230 E	AGV 22-230/DMS
Power input (W)	2200	2200	2200
No load speed (rpm)	8500	6600	6600
Disc diameter (mm)	180	230	230
Max. cutting depth (mm)	43	68	68
Spindle size	M 14	M 14	M 14
Weight (kg)	5.3	5.4	5.4
FIXTEC flange nut	No	No	No
Deadman switch	No	No	Yes
Line lock out function	Yes	Yes	No
Autobalancer system	No	No	No
AVS side handle	Yes	Yes	Yes
Rotatable main handle	No	No	No
Supplied in	-	-	-
Article Number	4933431820	4933431850	4933431860
EAN Code	4002395243839	4002395243860	4002395243877

## AGV 21 GEX 2100 W ANGLE GRINDER



- Powerful, 2100 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional AVS side handle for more comfortable handling and less strain on body joints
- 7 position main handle
- Soft start for smooth start up
- FIXTEC flange nut for fast and easy change of discs
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

	AGV 21-230 GEX	AGV 21-230 GEX/DMS
Power input (W)	2100	2100
No load speed (rpm)	6600	6600
Disc diameter (mm)	230	230
Max. cutting depth (mm)	68	68
Spindle size	M 14	M 14
Weight (kg)	5.5	5.5
FIXTEC flange nut	Yes	Yes
Deadman switch	No	Yes
Line lock out function	Yes	No
Autobalancer system	Yes	Yes
AVS Anti-Vibration System	Yes	Yes
Rotatable main handle	Yes	Yes
Supplied in	-	-
Article Number	4933402304	4933402525
EAN Code	4002395234158	4002395234424

## AGV 17 1750 W ANGLE GRINDER

- Powerful, 1750 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Constant power electronics with soft start for smooth start up
- Line lock out function to prevent automatic start up after power breakdown
- Thermal overload protection to prevent overheating
- Safety clutch to prevent user from "kickback-effect"
- FIXTEC nut for tool-free disc change
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- Anti-vibration side handle for lower vibration
- 4 m rubber cable



	AGV 17-125 XE	AGV 17-125 XC	AGV 17-125 XC/DMS	AGV 17-150 XC/DMS	AGV 17-180 XC/DMS
Power input (W)	1750	1750	1750	1750	1750
No load speed (rpm)	2600 - 11,000	11,000	11,000	9500	7600
Disc diameter (mm)	125	125	125	150	180
Max. cutting depth (mm)	33	33	33	45	58
Spindle size	M 14	M 14	M 14	M 14	M 14
Weight (kg)	2.8	2.8	2.8	3.0	3.1
Variable speed	Yes	No	No	No	No
FIXTEC flange nut	Yes	Yes	Yes	Yes	Yes
Deadman switch	No	No	Yes	Yes	Yes
Line lock out function	Yes	Yes	Yes	Yes	Yes
AVS side handle	Yes	Yes	Yes	Yes	Yes
Autobalancer system	No	No	No	No	No
Supplied in	-	-	-	-	-
Article Number	4933432230	4933449850	4933455140	4933432250	4933432270
EAN Code	4002395243983	4002395247295	4002395247905	4002395243990	4002395244003



"PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection



Anti-vibration side handle for lower vibration



Electronics

## AGV 17 INOX

### 1750 W LOW SPEED GRINDER



- Powerful, 1750 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- 7 position variable speed selection from 2000 - 7600 RPM's for best results on stainless steel
- Constant power electronics with soft start for smooth start up
- Line lock out function to prevent automatic start up after power breakdown
- Thermal overload protection to prevent overheating
- Safety clutch to prevent user from "kickback-effect"
- FIXTEC nut for tool-free disc change
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- Anti-vibration side handle for lower vibration
- 4 m rubber cable

	AGV 17-125 INOX
Power input (W)	1750
No load speed (rpm)	2000 - 7600
Disc diameter (mm)	125
Max. cutting depth (mm)	33
Spindle size	M 14
Weight (kg)	2.8
Variable speed	Yes
FIXTEC flange nut	Yes
Line lock out function	Yes
Supplied in	-
Article Number	4933449870
EAN Code	4002395247912

## AGV 15

### 1550 W ANGLE GRINDER



- Powerful, 1550 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very compact and slim design for comfortable handling
- Soft start for smooth start up
- Line lock out function to prevent automatic start up after power breakdown
- Overload protection to prevent overheating
- Safety clutch to prevent user from "kickback-effect"
- New integrated and innovative FIXTEC tool-free disc change system
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Anti-vibration side handle for less fatigue
- 4 m rubber cable

	AGV 15-125 XC	AGV 15-125 XE	AGV 15-150 XC
Power input (W)	1550	1550	1550
No load speed (rpm)	11,000	2800 - 11,000	9000
Disc diameter (mm)	125	125	150
Max. cutting depth (mm)	33	33	44
Spindle size	M 14	M 14	M 14
Weight (kg)	2.6	2.6	2.6
Variable speed	No	Yes	No
FIXTEC	Yes	Yes	Yes
Line lock out function	Yes	Yes	Yes
Autobalancer system	No	No	No
Supplied in	-	-	-
Article Number	4933428120	4933428127	4933433250
EAN Code	4002395239641	4002395239658	4002395244164

## AGV 13

### 1250 W ANGLE GRINDER



- Powerful, 1250 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very compact and slim design for comfortable handling
- 6 position variable speed selection from 2800 - 11,500 RPM's for work with various materials
- Constant power electronics to provide constant speed under load
- Line lock out function to prevent automatic start up after power breakdown
- Overload protection to prevent overheating
- Safety clutch to prevent user from "kickback-effect"
- Integrated and innovative FIXTEC system for tool-free disc change
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Anti-vibration side handle for less fatigue
- 90° rotatable gear case
- 4 m rubber cable

	AGV 13-125 XE
Power input (W)	1250
No load speed (rpm)	2,800 - 11,500
Disc diameter (mm)	125
Max. cutting depth (mm)	33
Spindle size	M 14
Weight (kg)	2.45
FIXTEC	Yes
Line lock out function	Yes
AVS side handle	Yes
Supplied in	-
Article Number	4933451218
EAN Code	4002395260850

## AGV 12

### 1200 W ANGLE GRINDER

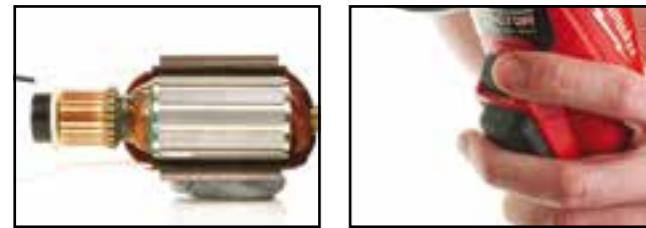


- Powerful, 1200 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very compact and slim design for comfortable handling
- Soft start for smooth start up
- Line lock out function to prevent automatic start up after power breakdown
- Overload protection to prevent overheating
- Safety clutch to prevent user from "kickback-effect"
- New integrated and innovative FIXTEC tool-free disc change system
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Anti-vibration side handle for less user fatigue
- 4 m rubber cable

	AGV 12-125 X
Power input (W)	1200
No load speed (rpm)	11,000
Disc diameter (mm)	125
Max. cutting depth (mm)	33
Spindle size	M 14
Weight (kg)	2.4
FIXTEC	Yes
Deadman switch	No
Line lock out function	Yes
Switch type	Slide switch
Supplied in	-
Article Number	4933428085
EAN Code	4002395239597

## AGV 12 XPD

### 1200 W ANGLE GRINDER



- Powerful, 1200 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very compact design for comfortable handling
- Soft start for smooth start up
- Line lock out function to prevent automatic start up after power breakdown
- Overload protection to prevent overheating
- Safety clutch to prevent user from "kickback-effect"
- New integrated and innovative FIXTEC tool-free disc change system
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Anti-vibration side handle for less user fatigue
- 4 m rubber cable

	AGV 12-125 XPD	AGV 12-125 XPD Kit
Power input (W)	1200	1200
No load speed (rpm)	11,000	11,000
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight (kg)	2.4	2.4
FIXTEC	Yes	Yes
Deadman switch	Yes	Yes
Line lock out function	Yes	Yes
Switch type	Paddle switch	Paddle switch
Supplied in	-	HD Box
Article Number	4933433240	4933433855
EAN Code	4002395244157	4002395000029

## AGV 10 EK

### 1000 W ANGLE GRINDER



- Powerful, 1000 W motor for strong performance in all applications
- Extreme compact design with an overall short length of 276 mm and 2.2 kg for most comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Anti-vibration side handle for less fatigue
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Ramped slide switch for easy start up, even when wearing gloves
- 4 m cable

	AGV 10-125 EK
Power input (W)	1000
No load speed (rpm)	11,000
Disc diameter (mm)	125
Max. cutting depth (mm)	33
Spindle size	M 14
Weight (kg)	2.2
FIXTEC flange nut	No
Line lock out function	Yes
Supplied in	-
Article Number	4933451222
EAN Code	4002395260898

## AG 10 EK

### 1000 W ANGLE GRINDER



- Powerful, 1000 W motor for strong performance in all applications
- Extreme compact design with an overall short length of 276 mm and 2.1 kg for most comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Ramped slide switch for easy start up, even when wearing gloves
- 4 m cable

	AG 10-115 EK	AG 10-125 EK
Power input (W)	1000	1000
No load speed (rpm)	11,000	11,000
Disc diameter (mm)	115	125
Max. cutting depth (mm)	28	33
Spindle size	M 14	M 14
Weight (kg)	2.1	2.1
FIXTEC flange nut	No	No
Line lock out function	Yes	Yes
Supplied in	-	-
Article Number	4933451219	4933451220
EAN Code	4002395260867	4002395260874

## AG 9

### 850 W ANGLE GRINDER



- Powerful, 850 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Light weight, slim and compact: a versatile all-purpose angle grinder
- New digital electronic pack offers constant speed, soft start, motor overload protection and no-load speed limitation
- Flat metal gear head for excellent visibility of work piece and optimised cutting depth
- Die-cast magnesium alloy gear case
- Dust protected bearings and switch
- Effective cooling fan keeps the motor cool even under heavy duty conditions
- FIXTEC nut for fast and easy disc change
- Burst resistant quick release safety guard for easy adjustment
- Automatic cut-off carbon brushes
- 4 m rubber cable

	AG 9-125 XC	AG 9-125 XE
Power input (W)	850	850
No load speed (rpm)	10,000	2700 - 10,000
Disc diameter (mm)	125	125
Max. cutting depth (mm)	33	33
Spindle size	M 14	M 14
Weight (kg)	1.8	1.8
Variable speed	No	Yes
FIXTEC flange nut	Yes	Yes
Line lock out function	Yes	Yes
Supplied in	-	-
Article Number	4933403200	4933403206
EAN Code	4002395233779	4002395233786

## AG 800 EK

### 800 W ANGLE GRINDER



- Powerful 800 Watt motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods
- Very compact and slim body grip design with only 194 mm for most comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Durable steel gears for long life time
- Protected air inlets for improved cooling
- Flat metal gear head for excellent visibility of workpiece, optimised cutting depth and work in restricted areas
- Burst resistant and tool-free quick release safety guard for fast adjustment
- 4 m cable

	AG 800-115 EK	AG 800-125 EK
Power input (W)	800	800
No load speed (rpm)	11,500	11,500
Disc diameter (mm)	115	125
Max. cutting depth (mm)	28	33
Spindle size	M 14	M 14
Weight (kg)	2.0	2.0
FIXTEC flange nut	No	No
Line lock out function	Yes	Yes
Supplied in	-	-
Article Number	4933451212	4933451213
EAN Code	4002395260195	4002395260805

## AG 800 E

### 800 W ANGLE GRINDER



- Powerful 800 Watt motor for various applications with only 2.0 kg of weight for comfortable use during longer working periods
- Very compact and slim body grip design with only 194 mm for most comfortable handling
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Durable steel gears for long life time
- Protected air inlets for improved cooling
- Flat metal gear head for excellent visibility of workpiece, optimised cutting depth and work in restricted areas

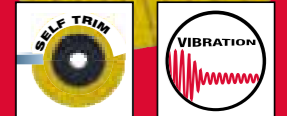
	AG 800-115 E	AG 800-125 E	AG 800-115 E D-SET
Power input (W)	800	800	800
No load speed (rpm)	11,500	11,500	11,500
Disc diameter (mm)	115	125	115
Max. cutting depth (mm)	28	33	28
Spindle size	M 14	M 14	M 14
Weight (kg)	2.0	2.0	2.0
FIXTEC flange nut	No	No	No
Line lock out function	Yes	Yes	Yes
Supplied in	-	-	Kitbox
Article Number	4933451210	4933451211	4933451281
EAN Code	4002395260171	4002395260188	4002395170777

# CERA TURBO™ FLAP DISCS

Maximum productivity with CERA TURBO™ 50% faster material removal 2x longer lifetime.

- Ceramic hybrid disc: grinds steel, stainless steel, bronze, titanium, aluminium.
- Ceramic grain: grinds and finishes in one step! Material removal like grit 40, finishing result like grit 60!
- Self trimming backing pad: allows grinding to the last grain!
- Natural fibre backing pad: low vibration & noise, no harmful dust.
- Highly flexible: perfectly adjusts to working piece.
- Low heat development: no metal discolouration, especially on stainless steel.
- Made in Germany.
- Ideal grinding speed: Ø115 mm: 7.000 - 8.000 rpm. Ø125 mm: 6.000 - 7.000 rpm.

**Applications:** Ferrous metals, non-ferrous metals (aluminium, titan, etc.), stainless steel V2A (1.4301) / V4A (1.4401).



Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Article Number
SLC 50 / 115	115	Multigrain 40/60	22.2	Natural fibre	4932430407
SLC 50 / 125	125	Multigrain 40/60	22.2	Natural Fibre	4932430408

- High quality zirconium grain: longer lifetime on ferrous metals and stainless steel.
- Self trimming backing pad: allows grinding on the last grain!
- Natural fibre backing pad: low vibration & noise, no harmful dust.
- Highly flexible: perfectly adjusts to working piece.
- Low heat development: no metal discolouration, especially on stainless steel.
- Made in Germany
- Ideal grinding speed: Ø115 mm: 7.000 - 8.000 rpm. Ø125 mm: 6.000 - 7.000 rpm.

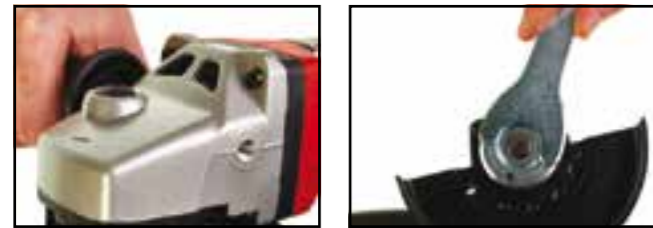
**Applications:** Ferrous metals, stainless steel V2A (1.4301) / V4A (1.4401).



Type	Disc diameter (mm)	Grit	Bore size (mm)	Backing pad material	Article Number
SL 50 / 115	115	80	22.2	Natural Fibre	4932430412
SL 50 / 115	115	120	22.2	Natural Fibre	4932430413
SL 50 / 125	125	80	22.2	Natural Fibre	4932430414
SL 50 / 125	125	120	22.2	Natural Fibre	4932430415

## AGS 15-125 C

### 1500 W GRINDER/SANDER



- Powerful, 1500 W "PROTECTOR-MOTOR" with epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Aligned to the optimum speed for flap grinding discs
- Constant power electronics providing constant speed under load
- Soft start for smooth start up
- Line lock out function to prevent automatic start up after power breakdown
- Motor overload protection
- Burst resistant and tool-free quick release safety guard for fast adjustment
- Filter metal mesh
- 4 m rubber cable

	AGS 15-125 C
Power input (W)	1500
No load speed (rpm)	7600
Disc diameter (mm)	125
Spindle size	M 14
Weight (kg)	2.4
FIXTEC flange nut	No
Line lock out function	Yes
Supplied in	-
Article Number	4933407480
EAN Code	4002395236015

## AP 12 E

### 1200 W POLISHER WITH ELECTRONIC VARIABLE SPEED



- 1200 watt motor
- Ergonomic design for long work shifts
- Special gear for high spindle torque and ideal polishing speed
- Variable speed selection for ideal speed
- Thermal overload protection
- No load speed limitation
- 6 m cable

	AP 12 E
Power input (W)	1200
No load speed (rpm)	900 - 2500
Disc diameter (mm)	150
Spindle size	M 14
Weight (kg)	2.2
Variable speed	Yes
Line lock out function	Yes
Supplied in	-
Article Number	4933383925
EAN Code	4002395229406

## AP 14-2 200 E

### 1450 W POLISHER

- Powerful 1450 watt motor for high performance polishing
- Premium high torque gear maintains speed under load
- Variable speed selection from 490 - 2100 RPM for all applications
- 7 speed settings for accurate speed selection
- Thermal overload protection to prevent overheating
- Unique "finger grip" for comfortable working position, especially when working with the tool vertically
- Protected spindle lock button ensures against accidental use
- Lock-on function
- Flexible and soft hook and loop backing pad avoids scratches on paint work
- 6 m long PUR cord to prevent marks on the paint work and allows the user to work easily around the complete car



	AP 14-2 200 E	AP 14-2 200 E SET
Power input (W)	1450	1450
No load speed (rpm)	490 - 2100	490 - 2100
Disc diameter (mm)	200	200
Spindle size	M 14	M 14
Standard equipment	Side handle, flexible backing pad	Side handle, flexible backing pad, soft & hard polishing sponge, lambswool pad, sanding & finishing compound, cloth
Weight (kg)	2.3	2.3
Variable speed	Yes	Yes
Line lock out function	Yes	Yes
Soft start function	Yes	Yes
Supplied in	-	HD Box
Article Number	4933432800	4933432795
EAN Code	4002395001156	4002395004348



	Ø (mm)	Article Number	EAN Code	
Polishing backing pad with M14 thread. Very flat design with excellent flexibility. Low vibration allows precise work on any flat and curved profiles.	125	4932430394	4002395380558	
Lambswool polishing disc. 100% natural lambswool. Premium quality with extremely high fibre density for longer lifetime. Integrated soft touch layer guarantees perfect adjustment to flat and curved profiles. For finishing old and fresh paint. Extremely good polishing of temperature sensitive clear lacquers thanks to heat resistant fibres, e.g. polishing car bumper.	135	4932430395	4002395380565	
Polishing sponge hard. Hard sponge with coarse foam structure. For maximum removal of the reconditioning lacquer, removing deep scratches and polishing weather-beaten lacquer.	145	4932430396	4002395380572	
Polishing sponge soft. Extremely soft sponge with fine foam structure. For fine polishing with polishing creams / wax compounds to remove very fine scratches and holograms (swirls).	145	4932430397	4002395380589	
Microfibre polishing cloth. Super-soft premium microfibre polishing cloth for finishing gloss polishing. With good absorption properties perfectly suited for final finishing and removing water spots from sensitive surfaces. Machine-washable with 30° without softener.	400 x 400	4932430398	4002395380596	
Polish M-Cut 1500 (250 ml). A coarse 1500 grit polish for removing deep scratches without damaging the lacquer. Suitable for removing dust grains, orange peel texture, lacquer/paints runs and deep scratches. Free of wax, silicone and roxic solvents. Recommended for use with polishing sponge hard (4932430396) and lambswool polishing disc (4932430395).		4932430475	4002395381364	
Polish M-Wax 6000 (250 ml). Premium high-tech wax with 6000 grit for removing fine scratches and sealing the paintwork in one step. Excellent performance in removing fine scratches / holograms / swirls. Contains the finest Brazilian Carnuba wax for long lasting mirror-like shine. Free of silicone. Recommended for use with polishing sponge soft (4932430397) and microfibre polishing cloth (4932430398).		4932430476	4002395381371	

## AS 12 E

### 1200 W SANDER WITH ELECTRONIC VARIABLE SPEED



- High motor torque and ideal speed range for sanding
- Ergonomic design for long work shifts
- Variable speed selection for ideal speed to any material
- Thermal overload protection to prevent overheating
- Supplied with a hand guard, backing pad and 4 m cable

	AS 12 E
Power input (W)	1200
No load speed (rpm)	1800 - 4800
Disc diameter (mm)	180
Spindle size	M 14
Weight (kg)	2.5
Variable speed	Yes
Supplied in	-
Article Number	4933383940
EAN Code	4002395229390

## DGL 34

### SINGLE HIGH SPEED 2-HANDED DIE GRINDER



- Long spindle for easy access to awkward places
- High rotation precision metal gearbox with double bearing seating of the spindle
- Extra high speed of 34,000 rpm
- Cut-out carbon brushes
- Favourable weight/performance relationship
- Supplied with spanner SW 17 / SW 15, 4 m cable and collet 6 mm

	DGL 34
Power input (W)	500
No load speed (rpm)	34,000
Max. grinding wheel diameter (mm)	40
Max. grinding pin diameter (mm)	25
Collet capacity (mm)	6
Weight (kg)	1.8
Supplied in	-
Article Number	4933385110
EAN Code	4002395230020

## DGL 30 E

### VARIABLE SPEED 2-HANDED DIE GRINDER



- Long spindle for easy access to awkward places
- Soft start electronic
- Electronic speed control
- Extra high speed of 30,000 rpm
- High rotation precision metal gearbox with double bearing seating of the spindle
- Cut-out carbon brushes
- Supplied with spanner SW 17 / SW 15, 4 m cable and collet 6 mm

	DGL 30 E
Power input (W)	600
No load speed (rpm)	10,000 - 30,000
Max. grinding wheel diameter (mm)	40
Max. grinding pin diameter (mm)	20
Collet capacity (mm)	6
Weight (kg)	1.9
Supplied in	-
Article Number	4933385120
EAN Code	4002395230037

## DG 30 E

### VARIABLE SPEED SINGLE HANDED DIE GRINDER



- Short compact design for easy handling
- Soft start electronic
- Electronic speed control
- Metal gearbox for precise rotation
- Cut-out carbon brushes
- Ergo switch
- Also suitable for stationary use in drilling stands or on turning systems with gear neck diameter of 43 mm
- Supplied with spanner SW 17 / SW 15, 4 m cable and collet 6 mm

	DG 30 E
Power input (W)	500
No load speed (rpm)	10,000 - 30,000
Max. grinding wheel diameter (mm)	40
Max. grinding pin diameter (mm)	20
Collet capacity (mm)	6
Weight (kg)	1.3
Supplied in	-
Article Number	4933385100
EAN Code	4002395230013

## DG 7 E

### LOW SPEED DIE GRINDER



- Long spindle for easy access to awkward places
- Electronic speed control
- Reduced speed maximum 7000 rpm for sanding and milling in metal
- Heavy Duty metal gear box
- Supplied with 6 mm collet, spanner SW 17 / SW 15 and 4 m cable

	DG 7 E
Power input (W)	600
No load speed (rpm)	3000 - 7000
Max. grinding wheel diameter (mm)	45
Collet capacity (mm)	6 + 8
Weight (kg)	1.5
Supplied in	-
Article Number	4933391200
EAN Code	4002395231928

## BS 125

### DEEP CUT BAND SAW



- Powerful 1100 watt motor provides maximum performance and durability
- Largest cutting capacity up to 125 x 125 mm material diameter
- 4 step variable speed selection from 0 - 116 m/min
- Constant power technology maintains cut speed in the toughest applications for optimal performance
- Gear protecting clutch extends gear and motor life by absorbing high impact forces caused by blade lock-ups
- Slim full metal motor housing design and LED work surface illumination for best cut visibility
- Tool-free blade locking mechanism for quick and easy saw blade changes
- Tool-free adjustable shoe

	BS 125
Power input (W)	1100
No load speed (m/min)	0 - 116
Cutting capacity rect. stock (mm)	125 x 125
Max. cutting capacity metal pipe Ø (mm)	125
Blade length (mm)	1139.83
Weight (kg)	6.5
Supplied in	Kitbox
Article Number	4933448245
EAN Code	4002395262830

## MCS 66

### DRY CUT METAL CIRCULAR SAW



- Powerful 1800 watt, 4000 rpm motor
- Dry-cutting technology provides fast, clean and burr-free metal cutting
- Cuts steel, stainless steel, aluminium, insulated foam panel
- Large cutting depth of 66 mm
- Exclusive chip-release shield latch for fast waste disposal and blade changing
- Plunge lever for fast and effective plunge cuts
- Supplied with 42 tooth cermet tipped blade

	MCS 66
Power input (W)	1800
No load speed (rpm)	4000
Blade diameter (mm)	203
Max. cutting depth 90° (mm)	66
Bore size (mm)	15.87
Weight (kg)	6.4
Supplied in	Kitbox
Article Number	4933440615
EAN Code	4002395000432

## CHS 355

### 2300 W CHOPSAW

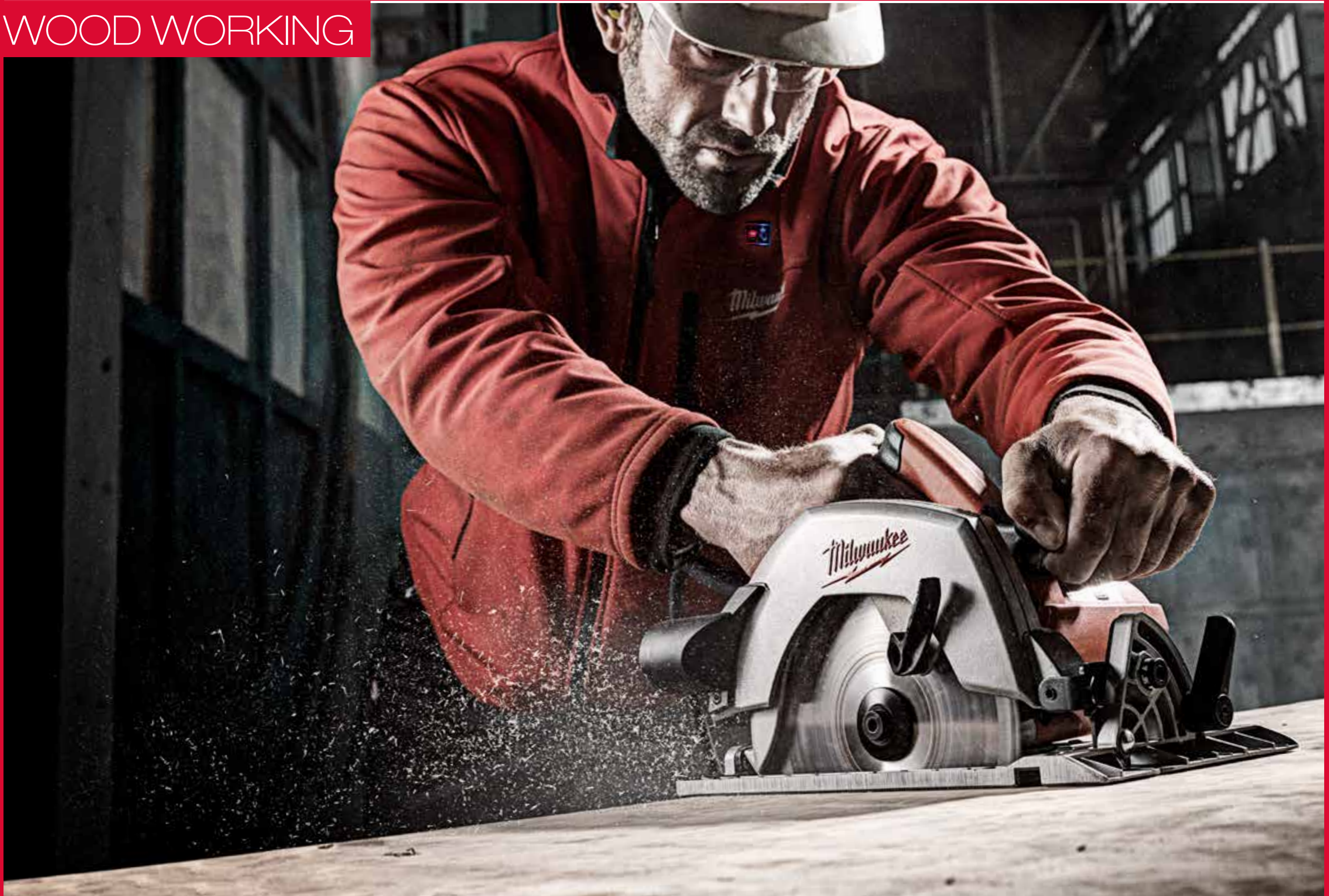


- 2300 watt motor with 3800 rpm for excellent cutting performance
- Lock pin function keeps the saw closed position during transportation (no chain required)
- Quick release vice adjustment for fast angle adjustment from -45° to +45°
- Quick release mitre clamp for fast work piece change
- Spindle lock for fast and easy disc change
- Easy brush change due to external brush doors
- Integrated metal fan for best durability and long life
- Stamped steel base with additional ribs to prevent deforming

	CHS 355
Power input (W)	2300
No load speed (rpm)	3800
Wheel size (mm)	355
Cutting capacity round profile 90° and 45° (mm)	125 / 100
Cutting cap. square profile 90° and 45° (mm)	115 / 80
Cutting capacity rectangle 90° and 45° (mm)	230 x 70 / 100 x 80
Cutting cap. L-shape profile 90° and 45° (mm)	130 / 80
Bore size (mm)	25.4
Weight (kg)	18
Supplied in	-
Article Number	4933411760
EAN Code	4002395236220



# WOOD WORKING



## SSPE 1500 X

### 1500 W SUPER SAWZALL®



- 1500 W Milwaukee® motor - highest overload protection in the industry; prevents motor burn up/failure
- Constant power technology - maintains constant speed under load for unmatched cutting performance
- Patented gear protecting clutch - extends gear and motor life by absorbing high impact forces caused by sudden blade lock-ups
- FIXTEC blade clamp system - provides fast and easy blade changes
- Patented AVS Anti-Vibration-System ensures unsurpassed low-vibration running at 12.5 m/s<sup>2</sup>
- Variable speed trigger and dial speed control - maximum speed control
- Adjustable shoe for optimised use of saw blades
- Supplied with a SAWZALL® blade, additional keyed blade clamp and 4 m cable

SSPE 1500 X	
Power input (W)	1500
No load stroke rate (spm)	0 - 2800
Stroke length (mm)	32
Weight (kg)	4.5
Supplied in	Kitbox
Article Number	4933428900
EAN Code	4002395241699

## SSPE 1300 RX

### 1300 W SAWZALL®



- High cutting performance due to powerful 1300 watt motor combined with a 32 mm saw stroke
- Patented gear protecting clutch - extends gear and motor life by absorbing high impact forces caused by sudden blade lock-ups
- 360° rotating handle for optimal user comfort
- FIXTEC blade clamp system - provides fast and easy blade changes
- Patented AVS Anti-Vibration-System ensures unsurpassed low-vibration running at 12.5 m/s<sup>2</sup>
- Variable speed trigger and dial speed control - maximum speed control
- Adjustable shoe for optimised use of saw blades
- Supplied with a SAWZALL® blade and 4 m cable

SSPE 1300 RX	
Power input (W)	1300
No load stroke rate (spm)	0 - 3000
Stroke length (mm)	32
Weight (kg)	4.2
Supplied in	Kitbox
Article Number	4933440590
EAN Code	4002395001095

## SSPE 1300 SX

### 1300 W SAWZALL®



- High cutting performance due to powerful 1300 watt motor combined with a 32 mm saw stroke
- Patented gear protecting clutch - extends gear and motor life by absorbing high impact forces caused by sudden blade lock-ups
- FIXTEC blade reception as well as change kit to keyed blade change
- Patented AVS Anti-Vibration-System ensures unsurpassed low-vibration running at 14.5 m/s<sup>2</sup>
- Variable speed trigger and dial speed control - maximum speed control
- Adjustable shoe for optimised use of saw blades
- Supplied with a SAWZALL® blade, additional keyed blade clamp and 4 m cable

SSPE 1300 SX	
Power input (W)	1300
No load stroke rate (spm)	0 - 2800
Stroke length (mm)	32
Weight (kg)	3.9
Supplied in	Kitbox
Article Number	4933428520
EAN Code	4002395241545

## SSD 1100 X

### 1100 W SAWZALL®



- High cutting performance due to powerful 1100 watt motor combined with a 28 mm saw stroke
- FIXTEC blade clamp for fast and easy blade changes without any key
- Water & finger protection nose for safer work and better rust protection
- Variable speed trigger switch
- Durable long lasting slider crople mechanism
- Supplied with a SAWZALL® blade and 4 m cable

SSD 1100 X	
Power input (W)	1100
No load stroke rate (spm)	0 - 2900
Stroke length (mm)	28
Weight (kg)	3.2
Supplied in	Kitbox
Article Number	4933416710
EAN Code	4002395237623

# SAWZALL® BLADES



## THIN KERF

**DOUBLE DUTY  
UPGRADE**

### Metal cutting thin kerf blades

- Improved tooth geometry for best speed and double the lifetime.
- Bi-metal quality cutting teeth with 8% cobalt giving the ultimate in performance and lifetime.
- TOUGH NECK™ - Stamped indentations around the reception strengthens the blade at its weakest point.
- Slim 0.90 mm thick blade body optimised for maximum speed and flexibility.

Blade length (mm)	Teeth per inch	Packed contents	Article Number
150	14	5	48005182
230	14	5	48005187
150	18	5	48005184
230	18	5	48005188



## THE TORCH™

**DOUBLE DUTY  
UPGRADE**

### Heavy Duty metal cutting and demolition

- Strong: Robust 1.06 mm thick body.
- Shatter resistant: The bi-metal blade body will bend and flex but not break.
- Torch: - Thick 1.06 mm robust blade body for precise cuts in sheet metal and pipes.
- 25 mm blade height for improved stability and minimum vibration.

Blade length (mm)	Teeth per inch	Packed contents	Article Number
150	10	5	48005712
230	10	5	48005713
150	14	5	48005782
230	14	5	48005787



## THE AX™

### Demolition blades for wood with nails

#### FANG TIP™: For faster plunge cutting and reaching into restricted areas.

- NAIL GUARD™: Protects the tooth during nail impacts for increased durability and lifetime.
- Strong: Extra thick 1.60 mm body for maximum robustness and life making it ideal for wood with nails or bolts.
- Fast: Aggressive 5 Tpi tooth geometry removes more material per stroke for faster cutting.
- Sloped shape: Excellent for plunge cutting and reaching into restricted areas.
- Shatter resistant: Bi-Metal construction allows the blades to bend and flex without breaking.

Blade length (mm)	Teeth per inch	Packed contents	Article Number
150	5	5	48005021
230	5	5	48005026
300	5	5	48005027

**FANG TIP™**  
**NAIL GUARD.**



## THE WRECKER™

### Extra Heavy Duty blades for metal and demolition

- Strong and precise: Extra thick 1.60 mm blade body.
- Bi-Metal construction: Excellent blade life and performance.
- Tooth geometry: Aggressive strengthened tooth tip design and uniform gullet depth allows for more material to be removed per stroke for faster cutting.
- Blade shape: Sloped - The sloped shape makes this blade ideal for plunge cutting. Most suited for cutting metal and for demolition applications (wood with nails).

Blade length (mm)	Teeth per inch	Packed contents	Article Number
150	8	5	48005701
230	8	5	48005706
300	8	5	48005711



## JSPE 135

### HEAVY DUTY TOP HANDLE JIGSAW

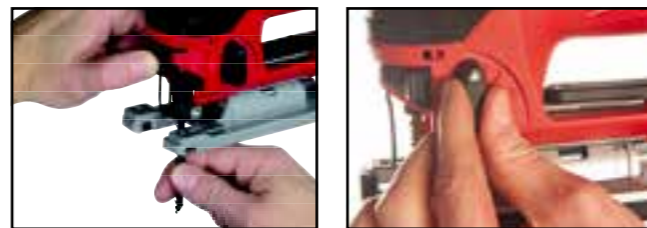


- Robust and powerful top handle jig saw for fast cutting action in wood, aluminium, steel or ceramics
- Powerful 750 W motor
- Precision blade guidance for precise cuts
- Patented FIXTEC system for fast keyless blade change and bevel adjustment with snap-in at 0° and 45°
- Electronic with variable speed preselection, soft start and constant speed under load
- Four-stage pendulum action adjustment for even more powerful cutting performance and longer saw blade life
- Adjustable chipping blower to the front and the rear
- LED light for illumination of cutting area
- Supplied with 5 saw blades, anti-splintering device, dust cap, absorption adaptor, sliding shoe and 4 m cable

	JSPE 135 TX
Power input (W)	750
No load stroke rate (spm)	800 - 3000
Max. cutting capacity wood (mm)	135
Max. cutting capacity steel (mm)	10
Max. cutting capacity aluminium (mm)	30
Mitre capacity (°)	45
Stroke length (mm)	26
Weight (kg)	2.5
Supplied in	Kitbox
Article Number	4933381230
EAN Code	4002395232529

## JS 120 X

### HEAVY DUTY TOP HANDLE JIGSAW



- Slim, streamlined motor housing design and optimised weight for easy handling
- Powerful 710 W motor
- Patented FIXTEC system for fast keyless blade change and bevel adjustment with snap-in at 0° and 45°
- Digital electronics with variable speed preselection, soft start and constant speed under load
- 4 stage pendulum action for increased performance
- Excellent visibility of saw blade and cutting area
- Integrated-Metal-Block technology - robust metal casing for bearings, gears and base plate for maximum durability and stability
- Anti-vibration mechanism for lowest possible vibration
- Integrated dust extraction
- Supplied with 5 saw blades, anti-splintering device, dust cap, sliding shoe and 4 m cable

	JS 120 X
Power input (W)	710
No load stroke rate (spm)	500 - 2800
Max. cutting capacity wood (mm)	120
Max. cutting capacity steel (mm)	10
Max. cutting capacity aluminium (mm)	30
Mitre capacity (°)	45
Stroke length (mm)	26
Weight (kg)	2.3
Supplied in	Kitbox
Article Number	4933381680
EAN Code	4002395234677

## FSPE 110 X

### HEAVY DUTY BODY GRIP JIGSAW



- Very slim motor housing for easy grip in any application and excellent view on the cutting line
- Powerful 710 W motor
- Precision blade guidance for precise cuts
- Patented FIXTEC system for fast keyless blade change and bevel adjustment with snap-in at 0° and 45°
- Electronic with variable speed pre-selection, soft start and constant speed under load
- Four-stage pendulum action adjustment for even more powerful cutting performance and longer saw blade life
- Adjustable chipping blower to the front and rear
- Low vibration and smooth operation due to anti-vibration technology
- Supplied with 5 saw blades, anti-splintering device, dust cap, absorption adaptor, sliding shoe and 4 m cable

	FSPE 110 X
Power input (W)	710
No load stroke rate (spm)	500 - 3000
Max. cutting capacity wood (mm)	120
Max. cutting capacity steel (mm)	10
Max. cutting capacity aluminium (mm)	30
Mitre capacity (°)	45
Stroke length (mm)	26
Weight (kg)	2.5
Supplied in	Kitbox
Article Number	4933357990
EAN Code	4002395229185

## SCS 65 Q

### 190 MM CIRCULAR SAW (65 MM DOC)



- 1900 watt motor with large power reserves
- Unrivaled balance and comfort due to the adjustable „TILT-LOK“ handle with soft grip
- Large cutting capacity of 65 mm
- Ideally positioned levers for depth and bevel cut adjustments
- Good visibility of blade at the cutting edge for improved control
- Robust aluminium base plate
- Supplied with a carbide tipped 20 tooth saw blade, parallel guide and 4 m QUIK-LOK cable

	SCS 65 Q
Power input (W)	1900
No load speed (rpm)	5800
Blade diameter (mm)	190
Max. cutting depth 45° (mm)	52
Max. cutting depth 90° (mm)	65
Bore size (mm)	30
Weight (kg)	5.5
Supplied in	Kitbox
Article Number	638051
EAN Code	4002395229529

## CS 60

**184 MM CIRCULAR SAW (61 MM DOC)**



- 1600 W powerful motor with 5800 rpm for fast cutting through tough materials
- Large cutting capacity of 61 mm
- 0 - 56° bevel capacity and 45° positive stop
- Quick release locking lever design for fast bevel adjustments
- Integrated dust blower keeps cut line clear
- Large, ergonomic handles and levers for improved ergonomics and control
- Long side fence for straight cuts and precise guidance
- Supplied with a carbide tipped 24 tooth saw blade, parallel guide and 4 m cable

	CS 60
Power input (W)	1600
No load speed (rpm)	5800
Blade diameter (mm)	184
Max. cutting depth 45° (mm)	49
Max. cutting depth 90° (mm)	61
Bore size (mm)	30
Weight (kg)	4.8
Supplied in	-
Article Number	4933419225
EAN Code	4002395238361

## CS 55

**165 MM CIRCULAR SAW (56 MM DOC)**



- Compact and light weight circular saw for fast and easy cutting
- 1200 W powerful motor with 6000 rpm for fast cutting through tough materials
- Large cutting depth of 56 mm
- Centre of gravity optimised design for better balance
- Professional, die cast aluminium base plate
- Electronic motor brake, saw blade stops within seconds
- Excellent chip deflection - away from the user
- Ergonomic soft grip for comfortable use
- Easy access to carbon brushes for reduced downtime and increased productivity
- Spindle lock for fast blade changing
- Exact, non-splintering rip and cross cuts
- Supplied with a carbide tipped 24 tooth saw blade, parallel guide and 4 m cable

	CS 55
Power input (W)	1200
No load speed (rpm)	6000
Blade diameter (mm)	165
Max. cutting depth 45° (mm)	37
Max. cutting depth 90° (mm)	56
Bore size (mm)	30
Weight (kg)	4.5
Supplied in	-
Article Number	4933403635
EAN Code	4002395234417

## PJ 710

**BISCUIT JOINTER**



- Professional plate joiner for easy, quick, clean work and precise result in hard and soft wood, particle boards
- Rugged construction. Powerful 710 watt motor
- Anti slip rubber pads in base plate
- Spindle lock for easy blade changing
- ERGO-switch
- Positioning depth gauge
- 6-tooth cutter
- Plunge depth adjustment knob with 6 preset positions
- Variable, precise angle adjustment with 3 preset positions (22.5°, 45°, 67.5°)
- Clear reference markings and scales
- Supplied with a paper dust bag, chip deflector and 4 m cable

	PJ 710
Power input (W)	710
No load speed (rpm)	10,000
Max. cutting diameter (mm)	100
Max. cutting depth (mm)	19
Weight (kg)	2.9
Supplied in	Kitbox
Article Number	4933378875
EAN Code	4002395227037

## BS 100 LE

**4" (100 MM) BELT SANDER**



- Compact design, ideal for sanding close to edges
- Sanding surface 100 x 160 mm, for fast smooth sanding
- Variable preselection of belt speed for versatile use
- Control wheel for precise adjustment of belt alignment
- Integrated dust extraction and dust bag for dust free work and less sanding belt wear
- Easy changing of sanding belt
- Stationary work possible
- Supplied with 100 x 620 mm sanding belt (grit 100) and 4 m cable

	BS 100 LE
Power input (W)	1150
Belt speed (rpm)	230 - 400
Belt length (mm)	620
Belt width (mm)	100
Sanding surface (mm)	100 x 160
Weight (kg)	5.3
Supplied in	-
Article Number	4933385150
EAN Code	4002395229222

## ROS 150 E-2

### 6" (150 MM) RANDOM ORBIT SANDER



- Random orbital sander with unmatched sanding properties through simultaneous rotation and oscillation of sanding disc
- Reduction gear makes full, efficient use of the powerful 440 W motor
- 6.4 / 3.2 mm orbits for fast removal & finishing
- Variable speed (4000-10,000 rpm) - especially needed for heat-sensitive materials
- Fast and easy change of sandpaper with hook and loop system
- Removable dustbag and also fits standard 26 mm vacuum hose
- Through body sealed slide switch
- Additional handle for a balanced and even weight distribution over the work piece
- Supplied with a dust bag, sanding disc and 4 m cable

ROS 150 E-2	
Power input (W)	440
No load speed (rpm)	4000 - 10,000
Oscillation diameter (mm)	6.4 / 3.2
Sanding pad size (mm)	150
Weight (kg)	2.8
Supplied in	-
Article Number	4933431170
EAN Code	4002395243624

## ROS 125 E

### 5" (125 MM) RANDOM ORBIT SANDER



- Ideal for sanding of wood, metal and plastics within confined spaces
- 300 Watt powerful motor with 2.4 mm orbital action
- Variable speed (7000-12,000 rpm) - especially needed for heat-sensitive materials
- Hook & Loop paper fitment
- Excellent dust extraction - 90% dust collection efficiency with larger dust bag
- Easy to clean dust bag
- On board vac adaptor- fits standard 36 mm vacuum hoses
- Supplied with textile dust bag and sanding paper set (60, 80, 120 grit)

ROS 125E	
Power input (W)	300
No load speed (rpm)	7000 - 12,000
Oscillation rate (opm)	14,000 - 26,000
Oscillation diameter (mm)	2.4
Sanding pad size (mm)	125
Weight (kg)	1.7
Supplied in	Tool bag
Article Number	4933433180
EAN Code	4002395244010

## SPS 140

### 1/4" SHEET SANDER



- Powerful 260 W motor for sustained use
- 1.6 mm oscillation movement allows for fine sanding
- Quick connection to dust extractor or dust bag
- Sanding paper is attached by hook and loop or by a clamping system
- 4 m of durable rubber cable allows the user to move easily around his work piece

SPS 140	
Power input (W)	260
No load speed (rpm)	14,700
Oscillation rate (opm)	28,000
Oscillation diameter (mm)	1.6
Sanding pad size (mm)	113 x 105
Weight (kg)	1.6
Supplied in	-
Article Number	4933447015
EAN Code	4002395005826

## PDS 13

### DELTA SANDER



- Ideal for sanding in corners and at edges
- Integrated dust extraction with dust bag
- Connection for dust bag or absorption system
- Oscillation movement 2 mm: ideal for fine sanding and working close to edges
- Very light and handy palm detail sander
- Professional, diecast aluminium base plate
- Fast and easy change of sandpaper with hook and loop system
- Supplied with a set of sandpaper sheets and 4 m cable

PDS 13	
Power input (W)	200
No load speed (rpm)	13,000
Oscillation rate (opm)	26,000
Oscillation diameter (mm)	2.0
Sanding pad size (mm)	100 x 147
Weight (kg)	1.3
Supplied in	-
Article Number	4933391185
EAN Code	4002395231713

## AS 300 EMAC

**30 L M-CLASS DUST EXTRACTOR - AUTO CLEAN FILTER CLEANING**



## AS 300 ELAC

**30 L L-CLASS DUST EXTRACTOR - AUTO CLEAN FILTER CLEANING**



## AS 500 ELCP

**50 L L-CLASS DUST EXTRACTOR - EASY CLEAN FILTER CLEANING**



## AS 300 ELCP

**30 L L-CLASS DUST EXTRACTOR - EASY CLEAN FILTER CLEANING**



- Semi-compact 30 litre tank for site/workshop use
- 3800 litres/min airflow with 250 mbar suction
- Dust class M. Standard MAK-factor > 0,1 mg/m<sup>3</sup>: mineral dust, wood dust (oak, beech)
- Power take off for auto switching of powertools
- Double filter system
- Washable and long lasting filter
- Anti-static package to prevent shocks caused by static charges
- Automatic filter cleaning system
- Soft start
- Supplied with 2 x tool adaptor, hand tube, 2 x extension tube, floor / crevice nozzle, fleece filter bag, disposal bag, hose 4 m x 36 mm

- Semi-compact 30 litre tank for site/workshop use
- 3800 litres/min airflow with 250 mbar suction
- Dust class L. Standard MAK-factor > 1 mg/m<sup>3</sup>
- Power take off for auto switching of powertools
- Easy clean PET filter
- Super silent turbine for low noise
- Anti-static package to prevent shocks caused by static charges
- Automatic filter cleaning system
- Supplied with 2 x tool adaptor, hand tube, 2 x extension tube, floor / crevice nozzle, fleece filter bag, disposal bag, hose 4 m x 36 mm

- Large 50 litre tank ideal for workshop use
- 3700 litres/min airflow with 250 mbar suction
- Dust class L. Standard MAK-factor > 1 mg/m<sup>3</sup>
- Power take off with auto switching for powertools
- Easy clean PET filter
- Super silent turbine for low noise
- Anti-static package to prevent shocks caused by static charges
- Supplied with 4 m x 36 mm hose, 2x tool adaptors, 1x filter bag & 1x disposal bag

- Semi-compact 30 litre tank for site/workshop use
- 3700 litres/min airflow with 250 mbar suction
- Dust class L. Standard MAK-factor > 1 mg/m<sup>3</sup>
- Power take off for auto switching of powertools
- Easy clean PET filter
- Super silent turbine for low noise
- Anti-static package to prevent shocks caused by static charges
- Supplied with 2 x tool adaptor, hand tube, 2 x extension tube, floor / crevice nozzle, fleece filter bag, disposal bag, hose 4 m x 36 mm

### AS 300 EMAC

Power input (W)	1500
Air volume (l/min)	3800
Max. vacuum (mbar)	250
Capacity (l)	30
Hose diameter (mm)	36
Weight (kg)	10
Supplied in	-
Article Number	4933416080
EAN Code	4002395236688

### AS 300 ELAC

Power input (W)	1500
Air volume (l/min)	3800
Max. vacuum (mbar)	250
Capacity (l)	30
Hose diameter (mm)	36
Weight (kg)	10
Supplied in	-
Article Number	4933428455
EAN Code	4002395239979

### AS 500 ELCP

Power input (W)	1500
Air volume (l/min)	3700
Max. vacuum (mbar)	250
Capacity (l)	50
Hose diameter (mm)	36
Weight (kg)	11
Supplied in	-
Article Number	4933416070
EAN Code	4002395236640

### AS 300 ELCP

Power input (W)	1500
Air volume (l/min)	3700
Max. vacuum (mbar)	250
Capacity (l)	30
Hose diameter (mm)	36
Weight (kg)	10
Supplied in	-
Article Number	4933416060
EAN Code	4002395236602

## AS 2-250 ELCP

25 L - L CLASS DUST EXTRACTOR  
- CLEAR PRESS FILTER CLEANING



- Large 25 litre tank capacity ideal for workshop use
- 1250 W motor power with over 210 mbar suction - 10% more efficient
- Power take off with auto switching for powertools
- 2600W power take off capacity allows for use with high wattage tools
- Clear press filter cleaning system maintains suction efficiency
- Washable PET filter provides longer filter life
- Dust class L Standard MAK-factor > 1 mg/m<sup>3</sup>
- Wet and dry capability
- Hose and cable storage enables easy transportation
- Dust blower function
- 7.5 m rubber cable
- Supplied with 3.5 m hose with floor cleaning kit, PET filter, 2x powertool connection adaptor, 1x disposable bag, 1x fleece bag & 1x crevice nozzle

AS 2-250 ELCP	
Power input (W)	1250
Air volume (l/min)	3600
Max. vacuum (mbar)	210
Capacity (l)	25
Hose diameter (mm)	32
Weight (kg)	10.4
Supplied in	-
Article Number	4933447480
EAN Code	4002395006274

## MS 216

8 1/2" (216 MM) SLIDING MITRE SAW



- 1800 Watt motor for high performance cutting in hard timber
- Durability - dual vertical steel rails with linear bearings deliver smooth sliding action
- Rail lock - the saw head locks in the back position automatically
- Adjustable laser - for perfect and quick alignment to cut line
- Steel detent plate with preset angles - gives repeatable accurate cuts
- Lock lever/handle over mold - allows the user to make repeated cuts comfortably and without fatigue
- Mitre release system - for quick and smooth change of cutting orientation
- Integral LED jobsite light
- Spindle lock - for quick and easy blade change
- Heavy duty cast base and fence ensures durability and accuracy
- 48°/-2° bevel capacity
- Supplied with saw blade (48 teeth), blade spanner and work clamp

MS 216 SB	
Power input (W)	1800
No load speed (rpm)	6000
Blade diameter (mm)	216
Bevel capacity left (°)	48
Bevel capacity right (°)	-2
Mitre capacity left (°)	50
Mitre capacity right (°)	50
Max. cutting capacity 45° mitre/ 45° bevel (mm)	190 x 48
Max. cutting capacity 45° mitre/ 90° bevel (mm)	190 x 60
Max. cutting capacity 90° mitre/ 45° bevel (mm)	270 x 48
Max. cutting capacity 90° mitre/ 90° bevel (mm)	270 x 60
Bore size (mm)	30
Weight (kg)	14.5
Supplied in	-
Article Number	4933419300
EAN Code	4002395238453

## MS 304 DB

12" (305 MM) DUAL BEVEL SLIDING MITRE SAW



- 1800 Watt direct drive motor ensures a quick, clean cut even in hardwood materials
- Dual integral jobsite lights illuminate the cut line
- Integral dust channel captures 75 % of all dust by capturing dust near the cut on both sides of the blade and directing it to the back of the saw
- Unique inline motor design - for excellent visibility from both sides to the work piece and better balanced transport
- Mitre capacity 55° to the left and 60° to the right - for maximum versatility. Mitre detents L & R at: 0°, 15°, 22.5°, 31.6°, 45°, 60°
- Dual-bevel design - to incline the saw head left and right 0° - 48° with bevel detents L & R at: 0°, 22.5°, 33.85°, 45°, 48°
- Fast and accurate bevel adjustment
- Supplied with Work piece clamp, saw blade (60 teeth), vacuum adaptor Ø35 / 58 mm, wrench and 3 m cable

MS 304 DB	
Power input (W)	1800
No load speed (rpm)	3900
Blade diameter (mm)	305
Bevel capacity left (°)	48
Bevel capacity right (°)	48
Mitre capacity left (°)	55
Mitre capacity right (°)	60
Max. cutting capacity 45° mitre/ 45° bevel (mm)	57 x 241
Max. cutting capacity 45° mitre/ 90° bevel (mm)	102 x 241
Max. cutting capacity 90° mitre/ 45° bevel (mm)	57 x 342
Max. cutting capacity 90° mitre/ 90° bevel (mm)	102 x 342
Weight (kg)	29.5
Supplied in	-
Article Number	4933433340
EAN Code	4002395244294

## MSL 1000

UNIVERSAL MITRE SAW STAND



- Light weight aluminium, easy to transport onto the job site
- 1.08 m total length, will fit into most small vans and cars
- Extendable each side - 2.08 m extended
- Will hold up to 180 kg
- One point leg adjustment for leveling on uneven ground
- Quick release brackets
- Height adjustable length stops
- Compact foldable design

MSL 1000	
Height (mm)	850
Base size (mm)	1081
Extendable up to (mm)	2082
Collapsed size (mm)	1081
Bearing force (kg)	180
Weight (kg)	16.6
Supplied in	-
Article Number	4933428970
EAN Code	4002395241729



## MSUV 275

### UNIVERSAL MITRE SAW STAND



- Upright folding design for easy storage in workshops, garages and vehicles
- Improved setup with easy one action foot pedal lock and single lift point
- 2750 mm material capacity
- 180 kg maximum load
- Universal saw brackets – compatible with most popular brands
- Non-skid rubber feet
- Quick release extension locks
- Integrated storage tray

	MSUV 275
Height (mm)	850
Base size (mm)	1170
Extendable up to (mm)	2750
Collapsed size (mm)	1340
Bearing force (kg)	180
Weight (kg)	26
Supplied in	–
Article Number	4933419550
EAN Code	4002395238538

## MS 305 DB

### 12" (305 MM) DUAL BEVEL SLIDING MITRE SAW

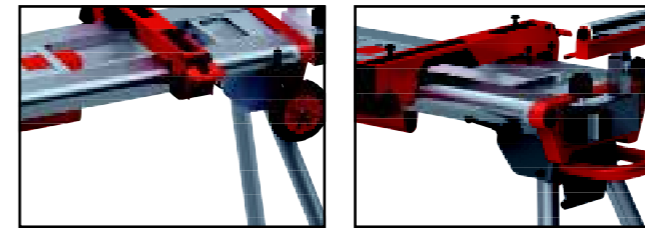


- Mitre angle digital readout - provides repeatable accuracy to 0.1°
- 1800 Watt direct drive motor with constant power technology
- Dual integral jobsite lights illuminate the cut line
- Integral dust channel captures 75% of all dust by capturing dust near the cut on both sides of the blade and directing it to the back of the saw
- Unique inline motor design - for excellent visibility from both sides to the work piece and better balanced transport
- Mitre capacity 55° to the left and 60° to the right - for maximum versatility. Mitre detents L & R at: 0°, 15°, 22.5°, 31.6°, 45°, 60°
- Dual-bevel design - to incline the saw head left & right 0° - 48° with bevel detents L & R at: 0°, 22.5°, 33.85°, 45°, 48°
- Fast and accurate bevel adjustment
- Supplied with workpiece clamp, saw blade (60 teeth), vacuum adaptor Ø 35 / 58 mm, wrench and 3 m cable

	MS 305 DB
Power input (W)	1800
No load speed (rpm)	3200
Blade diameter (mm)	305
Bevel capacity left (°)	48
Bevel capacity right (°)	48
Mitre capacity left (°)	55
Mitre capacity right (°)	60
Max. cutting capacity 45° mitre/ 45° bevel (mm)	57 x 241
Max. cutting capacity 45° mitre/ 90° bevel (mm)	102 x 241
Max. cutting capacity 90° mitre/ 45° bevel (mm)	57 x 342
Max. cutting capacity 90° mitre/ 90° bevel (mm)	102 x 342
Weight (kg)	29.5
Supplied in	–
Article Number	4933411550
EAN Code	4002395235919

## MSL 3000

### UNIVERSAL MITRE SAW STAND



- Lightweight construction and wheel set - provides portability on the jobsite
- Folds down to 1200 mm - thanks to the collapsible legs and compact design
- Extendable up to 3 m - makes it easy to cut large workpieces to length
- Heavy Duty - carries up to 250 kg
- One point leg adjustment for leveling on uneven ground
- Comfortable working height @ 81 cm
- Fully adjustable work piece rests - provide support for long lengths of material – single knob adjustment
- Quick to assemble - set up within seconds
- Roller supports - for effective material support

	MSL 3000
Height (mm)	810
Base size (mm)	1100
Extendable up to (mm)	3000
Collapsed size (mm)	1200
Bearing force (kg)	250
Weight (kg)	23
Supplied in	–
Article Number	4933411565
EAN Code	4002395236213

# THE COMPLETE DUST EXTRACTION SYSTEM

## DUST CAN LEAD TO SERIOUS AND LONG-TERM LIFE THREATENING DISEASES



Tackle the dust at the source with the **COMPLETE MILWAUKEE® DUST EXTRACTION system**

Connect our AS 300 EMAC dust extractor to a whole range of Milwaukee® tools

M Class dust extractor is the **MINIMUM LEGAL REQUIREMENT**



**AS 300 EMAC**  
4933416080

Over 500 construction workers are believed to die from exposure to silica dust every year which is created when working on silica-containing materials like concrete, mortar and sandstone (also known as respirable crystalline silica or RCS). Connect hammers to AS 300 EMAC with a hose and adapter to any Milwaukee® hammers to reduce the amount of inhaled silica dust to minimum.

The largest amount of silica someone should be breathing in a day



Silica

## HAMMERS

**Hose & adapter**  
(Supplied with the AS 300 EMAC)



### DUST GUARD

COMPATIBLE WITH:

**PHDE72**  
4932430480

- For drilling and coring from Ø 6 - 72 mm.
- Brush insert to improve suction and extraction.
- Brushes to be removed for coring applications.
- Outlet nozzle: Ø 37 mm outside / Ø 32 mm inside.



PLH 32 XE PLH 28 XE M18 CHX M18 CHPX M28 CHPX M18 CHM KANGO 540 S KANGO 545 S KANGO 750 S KANGO 950 S

### DUST ADAPTOR

**M12 DEAC**  
4932430479

- Dust thru-box to allow connection of the M12 DE to an independent dust extraction / vacuum cleaner.
- Outlet nozzle: Ø 37 mm outside / Ø 32 mm inside.



M18 BH HD18 HX PLH 20 PH 27 X PH 30 POWER X

**DUST EXTRACTOR FOR SDS-PLUS HAMMERS**  
4932430446



**DUST EXTRACTOR**

**M12 DE-0**  
4933440510



Wood dust is created when working on softwood, hardwood and wood-based products like MDF and plywood. Connect a range of Milwaukee® woodworking tools directly to AS 300 EMAC or through DEK 26 system to mitre saws.

## WOOD WORKING

**M18 SMS216-0**

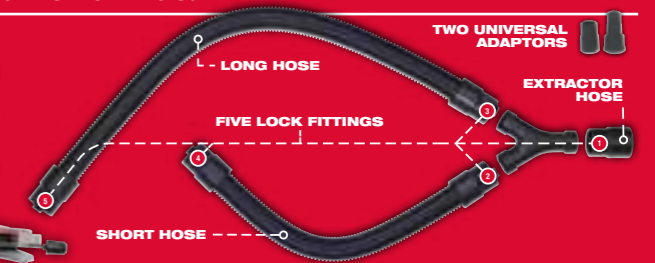
Battery sold separately.



MS 216 SB

Dust extraction hood for MS216 Mitre Saw.

**DEK 26**  
4932430005



## OTHER WOOD WORKING

**Hose & adapter**  
(Supplied with the AS 300 EMAC)



COMPATIBLE WITH:



ROS 125 E SPS 140 ROS 150 E-2 M18 CCS66 M18 CCS55 M12 CCS44

## METAL WORKING

**Hose & adapter**  
(Supplied with the AS 300 EMAC)

### DUST GUARDS

**Dust guard for cutting - DEC 125.**  
4932430467

- 100% tool free connection to Ø 115 - 125 mm AG(V) 12, AGV 15 series and FUEL™ grinders, keyless depth adjustment from 5 - 28 mm.
- Guide to prevent twisting during cutting.
- Dust guard fits to the Milwaukee® M-Class cleaners with unique "click-system" adaptor supplied with the vacuum cleaner.



**Dust guard for surface conditioning - DEG 125.**  
4932430468

- 100% tool free connection to Ø 125 mm AG(V) 12 and AGV 15 series grinders. Supplied with additional loop handle.
- Removable magnetic front cover to gain access to tight corners and edges when using a cup wheel.
- Dust guard fits to the Milwaukee® M-Class cleaners with unique "click-system" adaptor supplied with the vacuum cleaner. Includes replaceable brush 4931448429.



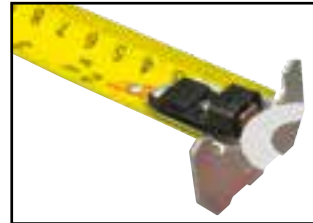
COMPATIBLE WITH:



M18 CAG115X/ M18 CAG125X M18 CAG115XPD/ M18 CAG125XPD M18 CAG115XPDB-502X M18 CAG125XPDB-502X AG 12-115X / AGV 12-125X AGV 12-125XPD AGV 15-125XC/ AGV 15-125XE

## MAGNETIC TAPE MEASURES

### MAGNETIC TAPE MEASURES

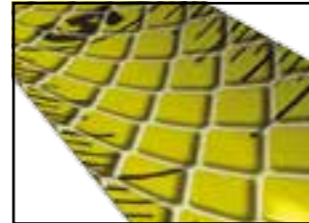


- Double sided nylon bond blade protection for extreme tape durability against dust, dirt, debris and water.
- Non reflective blade coating makes the tape anti-glare and easier to read in bright sunlight.
- Finger stop for comfortable hold and finger protection when the blades retract.
- Dual magnets: one magnet holds the hook in front; a second magnet prevents roll off on the material e.g. on steel studs, pipes. Not applicable to NON magnetic tapes.
- 2-sided scale printing: horizontal measuring scale on the front side; vertical measuring scale on back side for increased readability.
- Premium quality with 27 mm blade width.
- 5-point reinforced frame for job site durability.
- Wire belt clip: clips on easily without fraying and tearing clothing.
- Extra large 360° grip hook: can be hooked on the material from any side with ease.
- Architect scale: is integrated for easy calculating of scaled drawings (ISO 5455). Enables to measure distances and calculate material demand directly on construction site. 5 m & 8 m tape measures: 1:20 and 1:50 scales. 5 m / 16 ft & 8 m / 26 ft tape measures: 1/8" to 1 and 1/4" to 1 scales.
- Overmould gripping area for extra comfort and durability. Class II accuracy.
- Orders are only possible in master cartons (with 6 x 48225305). Minimum order quantity is 6 x 48225305 (= 1 master carton). Order quantities greater than 6 pcs are to be ordered in multiples of 6 pcs (ie. 12, 18, 24, 30, ...).

	5 m metric	8 m metric	10 m metric	5 m / 16 ft metric & imperial	8 m / 26 ft metric & imperial	10 m / 33 ft metric & imperial
Length [m]	5	8	10	5 / 16'	8 / 26'	10 / 33'
Packed contents	6	6	6	6	6	6
Article Number	48225305	48225308	48225411	48225216	48225225	48225233
EAN Code	045242317677	045242317684	045242347421	045242296903	045242296910	045242317707

## NON MAGNETIC TAPE MEASURES

### NON MAGNETIC TAPE MEASURES

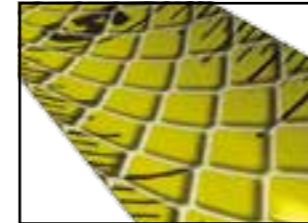


- Double sided nylon bond blade protection for extreme tape durability against dust, dirt, debris and water.
- Non reflective blade coating makes the tape anti-glare and easier to read in bright sunlight.
- Finger stop for comfortable hold and finger protection when the blades retract.
- 2-sided scale printing: horizontal measuring scale on the front side; vertical measuring scale on back side for increased readability.
- Premium quality with 27 mm blade width.
- 5-point reinforced frame for job site durability.
- Wire belt clip: clips on easily without fraying and tearing clothing.
- Extra large 360° grip hook: can be hooked on the material from any side with ease.
- Architect scale: is integrated for easy calculating of scaled drawings (ISO 5455). Enables to measure distances and calculate material demand directly on construction site. 5 m & 8 m tape measures: 1:20 and 1:50 scales. 5 m / 16 ft & 8 m / 26 ft tape measures: 1/8" to 1 and 1/4" to 1 scales.
- Overmould gripping area for extra comfort and durability. Class II accuracy.
- Orders are only possible in master cartons (with 6 x 48225305). Minimum order quantity is 6 x 48225305 (= 1 master carton). Order quantities greater than 6 pcs are to be ordered in multiples of 6 pcs (ie. 12, 18, 24, 30, ...).

	5 m NON mag-netic	8 m NON mag-netic	5 m / 16' NON magnetic	8 m / 26' NON magnetic
Length [m]	5	8	5 / 16'	8 / 26'
Packed contents	6	6	6	6
Article Number	48225306	48225309	48225217	48225226
EAN Code	045242317608	045242317639	045242317592	045242317622

## CONTRACTOR SERIES TAPE MEASURES

### CONTRACTOR SERIES TAPE MEASURES



- Double sided nylon bond blade protection for extreme tape durability against dust, dirt, debris and water.
- Non reflective blade coating makes the tape anti-glare and easier to read in bright sunlight.
- Extra wide base 41 mm.
- Premium quality with 27 mm blade width.
- 5-point reinforced frame for job site durability.
- Wire belt clip: clips on easily without fraying and tearing clothing.
- Extra large 360° grip hook: can be hooked on the material from any side with ease.
- Overmould gripping area for extra comfort and durability.
- Class II accuracy.
- Orders are only possible in master cartons.
- Minimum order quantity is 6 pieces.
- Order quantities greater than 6 pcs are to be ordered in multiples of 6 pcs (i.e. 12, 18, 24, 30...).

	Metric	Metric	Metric & Imperial	Metric & Imperial	Metric & Imperial
Length [m]	5	8	5 / 16'	8 / 26'	10 / 33'
Packed contents	6	6	6	6	6
Article Number	48225705	48225708	48225616	48225625	48225633
EAN Code	045242350551	045242350568	045242350575	045242350582	045242467327

## 2 M / 6' TAPE MEASURE

### TAPE MEASURE - 2 M / 6'



- 5-point reinforced frame for job site durability.
- Heavy Duty blade with 13 mm blade width.
- Double sided nylon bond blade protection for extreme tape durability against dust, dirt, debris and water.
- Compact design and overmould gripping area for extra comfort and durability.
- Bull packed, order in multiples of 12 pcs.

	2 m / 6 ft NON magnetic metric & imperial
Length [m]	2 / 6'
Packed contents	12
Article Number	48225502
EAN Code	045242468034

## INKZALL MARKERS

### INKZALL™ MARKERS



- Stays sharp, doesn't mushroom or push back under pressure.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Marker continues to write after 72+ hours of cap off time.
- For use on concrete, wood, metal, plywood, OSB, plastic.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Thin body for use in restricted areas.
- Helmet clip – can be clipped to the construction site cap, trousers, overalls.
- Easy open cap for one hand operation.
- Lanyard Hole
- Anti-Roll design - won't roll off surfaces.
- Fine tip\* - Orders are only possible in master cartons (contains 36 x 48223100). Minum order quantity is 36 pcs (= 1 master carton). Order quantities greater than 36 pcs are to be ordered in multiples of 36 pcs (i.e. 72, 108, 144, 180...).

	Fine point marker	Chisel point marker	Fine tip colour marker
Colour	Black	Black	Blue, red, green and black
Quantity	36	1	1
Article Number	48223100	48223103	48223106
EAN Code	045242319473	045242333608	045242333585

## INKZALL MARKERS WITH STYLUS

### INKZALL™ MARKERS WITH STYLUS



- Stays sharp, doesn't mushroom or push back under pressure.
- Acrylic nib ideal for rough surfaces such as OSB and concrete.
- Marker continues to write after 72+ hours of cap off time.
- For use with gloves on iPads, iPhones, tablets, and touch phones.
- For use on concrete, wood, metal, plywood, OSB, plastic.
- Can be used on wet, oily, dusty, rusty, with debris surfaces.
- Quick dry time – reduced smearing markings on PVC, metal surfaces.
- Thin body for use in restricted areas.
- Helmet clip – can be clipped to the construction site cap, trousers, overalls.
- Easy open cap for one hand operation.
- Lanyard Hole, e.g. to attach the pen to the touch screen device.
- Anti-Roll design - won't roll off surfaces.

	Fine point marker with stylus
Colour	Black
Quantity	1
Article Number	48223101
EAN Code	045242297436

## FASTBACK FLIP UTILITY KNIFE

FASTBACK™ FLIP UTILITY KNIFE



- One handed blade opening. User can flip open the blade with one hand for easy activation.
- Integrated gut hook. Allows users to make cuts without exposing the blade.
- Tool free blade change. Less down time in the field for blade changes.
- Wire stripper. Eliminates the need to look for another tool in user's bag.
- Thin body design. Tool is easily stored in user's pocket.
- Belt clip for easy storage.

	FASTBACK™ knife	FASTBACK™ knife with blade storage
Article Number	48221901	48221902
EAN Code	045242204649	045242292547

## SLIDING UTILITY KNIFE

SLIDING UTILITY KNIFE



- Side blade activation: Reduces the risk of exposing the blade accidentally.
- Wire stripper: Eliminates the need for another tool in the users bag.
- Tool free blade change: Saves time changing blades.
- Blade storage: Magnetic holder for 5 blades.
- Heavy Duty: Full metal body with rubber overmould for increased comfort and reduced hand slippage.

	Sliding utility knife
Article Number	48221910
EAN Code	045242204625

## SELF-RETRACTING SAFETY KNIFE

### SELF-RETRACTING SAFETY KNIFE



- Self-retract mechanism: Retracts blade when the button is released.
- Two blade positions allows user to control cutting depth.
- Blade storage holds up to 5 blades conveniently inside the handle.
- Tool-free blade change: Saves time changing blades. Thumb-screw mechanism allows to change the blade quickly and without any extra tools.
- Heavy Duty: Durable full metal body.
- Wire Stripper: Eliminates the need to look for another tool in users's bag. Cut up the wire up to Ø 5 mm<sup>2</sup>.

#### Self-retracting safety knife

Article Number	48221915
EAN Code	045242296873

## JAB SAW RASPING JAB SAW



- 150 mm plaster / drywall blade. Extra strong thicker blade making it more resistant for plunge cuts. Coated for corrosion protection.
- Coated for corrosion protection.
- Rubber overmould. Increased comfort and reduced hand slippage.
- Built in rasping holes. Allows user to rapidly expand holes or smooth rough edges.

#### Rasping jab saw

Article Number	48220304
EAN Code	045242204595

## FOLDING JABSAW FOLDING JABSAW

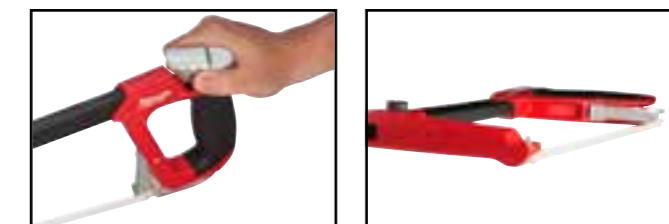


- Tool free blade change - change blades up to 10x faster.
- Folding blade - easier and safer storage.
- Rubber overmould grip - increased comfort.
- Accepts all Sawzall® blades - increased versatility.
- Supplied with 18 TPI, 150 mm blade.

#### Folding jabsaw

Article Number	48220305
EAN Code	045242204618

## HACKSAW HACKSAW



- Tough metal frame, supports higher tension (25,000 PSI / 250 lbs).
- Overmould handle ensures secure grip and user comfort.
- Internal blade storage for extra blades.
- Supplied with 12" / 24 Tpi blade.

#### Hacksaw

Article Number	48220050
EAN Code	045242362226

## COMPACT HACKSAW



- Tool free blade change for changing blades up to 10x faster.
- Compact design, ideal for versatile cutting in tight spaces.
- Adjustable blade length for easier flush cutting.
- Rubber overmould grip for increased comfort.
- Accepts 12" blades.

Compact Hacksaw	
Article Number	48220012
EAN Code	045242204571

## SNAP KNIVES



- Metal lock\* for maximum durability and longer lifetime.
- Lock with a speed thread\* that allows faster blade adjustment.
- Auto-lock slide\*\* for faster blade adjustment.
- Snap-off cap pocket clip\*\* snaps off blade segments.
- Overmolded handle offers a slip resistant grip and is an acetone resistant.
- Iron carbide blade for longer lifetime, increased sharpness and clean cut finish.
- \* 18 mm / 25 mm snap knives
- \*\* 9 mm snap knives

	Snap knife 9 mm	Snap knife 18 mm	Snap knife 25 mm
Blade width (mm)	9	18	25
No. blade points	13	8	7
Article Number	48221960	48221961	48221962
EAN Code	045242296811	045242296798	045242296828

## PEX CUTTER



- Cuts PEX, PB, MDP, PE, plastic electrical conduits, pneumatic pipe, plastic overflow pipe, rubber hoses, silicon hoses up to Ø 25 mm.
- V-shaped blade allows quick and straight cuts; prevents crushing of material.
- Replaceable stainless steel blade.
- Robust construction – metal core from the head to the handles for maximum lifetime.
- Grooves on the head allows stripping of couplings.
- Corrosion resistant head.
- One handed locking mechanism, tool remains closed while in pouch, spring loaded but easy opening.
- Ergonomic and durable overmoulded grips add comfort and last longer.

Plastic cutter	
Max. cutting capacity tubes/ pipes Ø (mm)	25
Article Number	48224202
EAN Code	045242343133

## WIRE STRIPPING LONG NOSE PLIERS

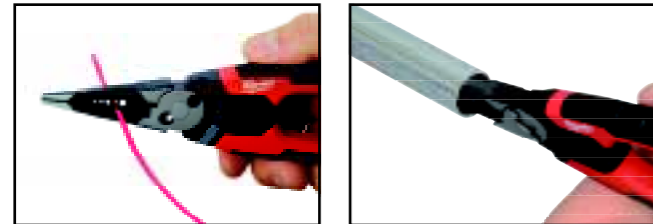


- Long nose pliers – specially suitable for gripping, bending and adjusting in restricted areas.
- Wire stripper – strips 3 sizes of wire: 0,5 – 0,75 / 1,5 / 2,5 mm<sup>2</sup>.
- Wire cutter – cuts wire up to 2.5 mm.
- Deburrer – Deburring ribs on head for up to 20 mm pipe. No need for extra tools.
- Nail puller – powerful gripping and high leverage.
- Loop maker: built in loop maker function for wire up to 6.6 mm<sup>2</sup> / Ø 2.9 mm.
- Crosswise serrated jaws for better grip and excellent control.
- Laser hardened durable cutting edges. Extra hardened to 64 HRC.
- Made from Chrome Vanadium for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- Serrated jaws for better grip and excellent control.

Wire stripping long nose pliers	
Stripping capacities (mm <sup>2</sup> )	0.5 - 0.75 / 1.5 / 2.5
Cut cap. in hard wire (mm)	2.5
Max. cutting capacity cable (mm)	6.0
Total length A (mm)	210
Jaw thickness (mm)	13.5
Deburring head max. Ø (mm)	18
Article Number	48226101
EAN Code	045242342211

## WIRE STRIPPING PLIERS

### COMBINATION PLIERS WITH WIRE STRIPPER - 6 IN 1 TOOL



- Pliers – specially suitable for gripping, bending and adjusting in restricted areas.
- Wire stripper – strips 5 sizes of wire: 0,5 – 0,75 / 1,0 / 1,5 / 2,5 / 4,0 mm<sup>2</sup>.
- Wire cutter – cuts wire up to 2.5 mm.
- Deburrer – deburring ribs on head for up to 25 mm pipe. No need for extra tools.
- Bolt cutter – cuts M3 and M4 size threaded bolts.
- Loop maker: built in loop maker function for wire up to 6.6 mm<sup>2</sup> / Ø 2.9 mm.
- Crosswise serrated jaws for better grip and excellent control.
- Laser hardened durable cutting edges. Extra hardened to 50 HRC.
- Made from Chrome Vanadium steel for best durability and good rust protection.
- Slim nose design to reach restricted areas.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- One handed locking mechanism, tool remains closed while in pouch, spring loaded but easy opening.

	Wire stripping pliers
Stripping capacities (mm <sup>2</sup> )	0.5 - 0.75 / 1.0 / 1.5 / 2.5 / 4.0
Cutting capacity in medium wire (mm)	2.5
Cut cap. in hard wire (mm)	2.5
Max. cutting capacity cable (mm)	6.0
Total length A (mm)	190
Jaw thickness (mm)	4
Deburring head max. Ø (mm)	25
Article Number	48229069
EAN Code	045242271252

## HEAVY DUTY LINEMAN'S PLIERS

### HEAVY DUTY LINEMAN'S PLIERS

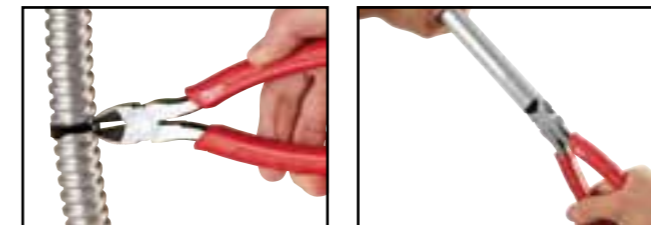


- For universal gripping, cutting applications.
- High leverage design – long handles for maximum cutting power and leverage.
- Deburrer – Deburring ribs on head for up to 25 mm pipe. No need for extra tools.
- Nail puller – powerful gripping and high leverage.
- Laser hardened durable cutting edges: cuts wire, bolts, screws and nails. Extra hardened jaws to 64 HRC.
- Serrated gripping zone for strong gripping and pulling.
- Made from Chrome Vanadium steel for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- With crimping facility.

	Heavy duty lineman's pliers
Cutting capacity in medium wire (mm)	3.0
Cut cap. in hard wire (mm)	3.0
Cutting capacity soft wire (mm)	4.6
Total length A (mm)	250
Total length A (mm)	250
Deburring head max. Ø (mm)	25
Article Number	48226100
EAN Code	045242342228

## DIAGONAL CUTTING PLIERS

### DIAGONAL PLIERS



- For all around cutting use.
- Tip protection – tips are off set ground to protect cutting edges from damage when dropped.
- High leverage design – long handles for maximum cutting power and leverage.
- Deburrer – Deburring ribs on head for up to 25 mm pipe. No need for extra tools.
- 15° offset head allows flush cutting, can be used as a nail puller for easier and quicker prying and pulling.
- Laser hardened durable cutting edges. Extra hardened to 64 HRC. Cuts wire, bolts, screws and nails.
- Made from forged alloy Chrome Vanadium steel for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.

	Diagonal cutting pliers 160 mm	Diagonal cutting pliers 180 mm
Total length A (mm)	160	180
Cutting capacity in medium wire (mm)	2.5	3.0
Cut cap. in hard wire (mm)	2.5	3.0
Cutting capacity soft wire (mm)	4.0	4.0
Jaw length (mm)	22	26
Article Number	48226106	48226107
EAN Code	045242342181	045242342198

## WATER PUMP PLIERS

### QUICK ADJUST WATER PUMP PLIERS



- For gripping, fastening and holding work pieces.
- One hand push button adjustment for fast and firm grip.
- Fine scale adjustment positions for precise grip. Less downtime and more efficiency.
- Self locking button for fast and firm adjustment.
- V-groove jaws with profile for firmer grip, more precise fit and reduced slipping. Special teeth hardening 60 HRC.
- Made from Nickel and Chrome forged alloy steel for best durability and good rust protection.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- Deburring head and handle design. No need for extra tools.
- Available in 3 lengths for optimum leverage.
- Ergonomic slim design to allow access in confined areas.

	Water pump pliers 200 mm	Water pump pliers 250 mm	Water pump pliers 300 mm
Total length A (mm)	200	250	300
Max. cutting capacity nut size/ AF (mm)	30	36	50
Max. cutting capacity tubes/ pipes Ø (mm)	32	42	60
Deburring head max. Ø (mm)	38	51	70
Deburring handles max. Ø (mm)	25	25	25
Article Number	48226208	48226210	48226212
EAN Code	045242342235	045242342242	045242342259

## TORQUE LOCK™ LOCKING PLIERS

### TORQUE LOCK™ LOCKING PLIERS



- TORQUE LOCK™: Faster set up and easy release when clamping flat and round material. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: better grip force on jobsite material.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.

	10" TORQUE LOCK™ curved jaw	10" TORQUE LOCK™ straight jaw	6" TORQUE LOCK™ long nose
Total length A (mm)	250	250	150
Total length (inch)	10	10	6
Jaw type	curved	flat	flat long nose
Jaw capacity flat (mm) -		30	61
Jaw opening capacity for pipe (mm)	51	-	-
Article Number	48223420	48223510	48223406
EAN Code	045242325276	045242324996	045242325030

## TORQUE LOCK™ LOCKING C CLAMPS

### TORQUE LOCK™ LOCKING C CLAMPS



- TORQUE LOCK™: Faster set up and easy release when clamping flat and round materials for welding. Extra force can be applied to the TORQUE LOCK™ screw for better and more secure grip. Can also be used for hanging / storage purposes.
- Hardened jaws: better grip force on jobsite material.
- Rust protection: chrome plated tool increases life by reducing corrosion.
- Lever release design: traditional release lever for jobsite convenience.

	11" hand clamps with swivel pads.	11" hand clamps with regular pads.
Total length A (mm)	280	280
Total length (inch)	11	11
Jaw type	swivel pads	regular pointed pads
Jaw size (mm)	100	90
Article Number	48223521	48223531
EAN Code	045242325054	045242325115

## STOP LOCK™ HAND CLAMPS

### STOP LOCK™ HAND CLAMPS



- STOP LOCK™: Single handed clamp. Maximum holding force in one pressing.
- Overmould grip: maximum grip for comfort and performance.
- Optimised pad design: non marking swivel pads for clamping on a variety of jobsite work surfaces.

	Spring clamp 2"	Spring clamp 4"
Total length A (mm)	200	240
Total length (inch)	8	9½
Jaw size (mm)	50	100
Packed contents	12	12
Article Number	48223022	48223024
EAN Code	045242348039	045242348046

## JOBSITE SCISSORS

### JOBSITE SCISSORS



- Iron carbide cutting edge for maximum durability. Longer lifetime vs. stainless steel.
- Chrome plated blades for maximum rust protection.
- All metal core: full metal handle construction to protect from drops and handle breakage.
- Bolt lock technology protects blades from loosening to ensure precise cutting.
- Large handle loops for use with gloves.
- Index finger groove for more comfort.
- Laser edged ruler markings on the blade allows to measure and cut in one go.
- Jobsite offset scissors with micro-serrated blades for maximum durability and better grip.
- Jobsite offset scissors with 60°-offset head allows to keep hand above cutting material.

	Offset scissors	Straight scissors
Total length A (mm)	240	230
Blade length (mm)	115	95
Article Number	48224043	48224044
EAN Code	045242347476	045242347483



# METAL SNIPS

## METAL SNIPS

- Thumb and forefinger slots for increased comfort and less fatigue. Allows user to push through sheet metal with ease with less risk of cutting oneself.
- Serrated cutting edges prevent slippage when cutting.
- Less hand fatigue when cutting thicker materials. Design with compound leverage action.
- Torsion spring opens jaws automatic during cutting for faster cutting action and less fatigue work.
- Chrome plated rust protected forged blades for increased lifetime. Extra hardened to 65 HRC.
- Made from forged alloy steel for best durability – Cr Steel.
- One hand locking mechanism.
- Flush slimline design for non-snagging in material.
- Triple cutting direction identification – on the head, handle and by colour coded handle.
- Ergonomic and durable overmoulded grips add comfort and last longer.
- Aviation snips: For short, straight and shaped cuts. Ideal for narrow radius cuts and notch cuts.
- Offset snips: For long continuous straight or curved cuts. 45° offset keeps users hand away from the cutting material.
- Extra long aviation snips: for longer and straighter cuts in one go.



	Metal snips straight	Metal snips right	Metal snips left	Metal snips straight offset	Metal snips right offset	Metal snips left offset	Metal snips straight extra long	Metal snips left extra long
Cutting direction	Straight (yellow)	Right (green)	Left (red)	Straight (yellow)	Right (green)	Left (red)	Straight (yellow)	Left (offset)
Total length A (mm)	260	260	260	260	260	260	310	290
Edge length (mm)	31	31	31	37	30	30	76	63
Max. cutting capacity aluminium (mm)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Max. cutting capacity steel (mm)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Max. cutting capacity stainless steel (mm)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Article Number	48224030	48224020	48224010	48224032	48224022	48224012	48224037	48224038
EAN Code	045242251339	045242251315	045242251292	045242288144	045242288120	045242288137	045242332083	045242332090

# HOLLOWCORE NUT DRIVERS

## HOLLOWCORE™ MAGNETIC NUT DRIVERS



- Hollowcore™ unlimited depth in long bolts and threaded rod applications (patent pending).
- Magnetic retention driver heads for secure fitment in fastening applications.
- NEW TO WORLD universal driver head fits 4 x more fasteners - square, 12 point, 8 point, Hex.
- Removes rusted and stripped bolts.
- Color coded ID markings allow for quick tool identification on jobsite.
- Wrench ready Hex shanks deliver additional leverage.
- Chrome plated for maximum durability.
- Forged steel shanks provide longer life and more durability.

	Screw-driver Hex driver 5 mm	Screw-driver Hex driver 5.5 mm	Screw-driver Hex driver 6 mm	Screw-driver Hex driver 7 mm	Screw-driver Hex driver 8 mm	Screw-driver Hex driver 10 mm	Screw-driver Hex driver 13 mm
Size (mm)	5	5.5	6	7	8	10	13
For anchor rod thread size		M3	M3.5	M4	M5	M6	M8
Colour code	Black	Brown	Red	Orange	Yellow	Blue	Orange
Article Number	48222531	48222532	48222533	48222534	48222535	48222536	48222537
EAN Code	045242294428	045242294435	045242294442	045242294459	045242294466	045242294473	045242294480

# 10 IN 1 RATCHET MULTI-BIT SCREWDRIVER

## 10 IN 1 RATCHET MULTI-BIT SCREWDRIVER



- Ergonomic 152 mm long screwdriver with 1/4" Hex nut driver (in reception) and built in wire stripper and loop maker.
- Full metal high torque ratchet for 2 x driving speed and control.
- 88 mm long power groove bits, power tool compatibility.
- Precision hardened bit tips: durable driving tips for secure fitment and long life.
- Revolver style bit storage in handle.
- Chrome plated marine grade rust protected bits.

	10 in 1 Ratchet Multi-Bit screwdriver - universal	10 in 1 Ratchet Multi-Bit screwdriver - Hex
Contents	PH1 / PH2 / PZ1 / PZ2 / TX15 / TX20 / Slotted 0.8 x 5.5 mm.	Hex 1.5 mm / Hex 2 mm / Hex 2.5 mm / Hex 3 mm / Hex 4 mm / Hex 5 mm / Hex 6 mm
Packed contents	12	12
Article Number	48222311	48229306
EAN Code	045242352135	045242467310

## STAPLE GUN

### STAPLE GUN



- Dual mode power switch: - Up to 75% more driving power. - High power drives staples flush in jobsite material. - Low power for driving control.
- 30 degree beveled driving edge: - Easy firing leverage and drives staples flush, even when stapler is held at an angle.
- Integrated staple puller: - Removes proud staples from work surface.
- Flush drive surface: - Allows users to safely drive staples with the rear of the tool.
- Belt clip: Easily store on pouch, belt, bag or ladder.
- Staples 6 / 8 / 10 / 12 / 14 mm (10.6 mm wide)
- Type 50 / Rapid No. 140 - Arrow T50 - Novus Type 11 G - Tacwise Type 140 - Stanley Type G
- Nails 12 / 16 mm (18 gauge / 1.02 mm thick)
- Arrow BN 1810 - Novus Typ J E - Stanley

#### Staple gun

Article Number	48221010
EAN Code	045242323807

## HAMMER TACKER

### HAMMER TACKER



- Up to 3 x longer life: - Longer tool life vs. leading competitor.
- Reinforced frame: - Durable construction survives repeated drops from 10 ft.
- Protected staple magazine: - Easy access for re-loading. - Protects magazine from damage. - Fast reloading and easy jam clearance.
- Integrated staple puller: Removes proud staples from work surface.
- Flush drive surface: - Allows users to safely drive staples with the rear of the tool.
- Staples 8 / 10 / 12 mm (10.6 mm wide)
- Type 50 / Rapid No. 53 - Arrow T50 - Novus Type 11 G - Tacwise Type 140 - Stanley Type G

#### Hammer tacker

Article Number	48221020
EAN Code	045242323814

## JOBSITE ORGANISER

<ATTRIB A="867" L="10"  
O="259944" P="261288" S="115"



- Jobsite organiser box with 10 compartments.
- Organisers stack and clip together.
- Lid seals every compartment - travel proof.
- Weather seal to prevent dust and water ingress.

#### Jobsite Organiser

Order quantity	3
Article Number	4932451416
EAN Code	4002395161904

## ELECTRICIANS POUCH

### ELECTRICIANS POUCH



- Robust construction, made from 1680D ballistic nylon.
- Double stitched, up to 4x stronger riveted seams.
- Integrated handle allows easy transport and provides an easy mounting point on common jobsite materials.
- Solid base allows bag to stand-up, even when fully loaded.
- Integrated belt loops allow bag to be worn on a tool belt.
- Center mounted metal D-rings allow bag to hang evenly from shoulder strap.
- Metal tape measure clip securely stores tape for easy access.

#### Electricians pouch

Article Number	48228100
EAN Code	045242333929

## ELECTRICIANS BELT

### ELECTRICIANS BELT



- Robust construction, made from 1680D ballistic nylon.
- Double stitched, up to 4x stronger riveted seams.
- Integrated handles allow easy transport of the pouch and provides easy mounting point on common jobsite materials.
- Padded, breathable belt for ultimate comfort and jobsite performance.
- Metal suspender attachments allow suspenders to be added.
- Metal tape measure clip securely stores tape for easy access.

Electricians belt	
Article Number	48228110
EAN Code	045242333936

## CONTRACTOR RIG

### CONTRACTOR RIG



- Robust construction, made from 1680D ballistic nylon.
- Double stitched, up to 4x stronger riveted seams.
- Padded 4-point harness distributes weight for all day comfort.
- Padded, breathable belt for ultimate comfort and jobsite performance.
- Integrated handle allows easy transport of the pouch and provides easy mounting point on common jobsite materials.
- Metal suspender attachments allow suspenders to be added.

Contractor rig	
Article Number	48228120
EAN Code	045242333974

## JOBSITE BACKPACK

### JOBSITE BACKPACK



- Durable construction, made from 1680D ballistic nylon.
- Hard moulded base allows bag to stand-up and provides ultimate all-weather protection.
- Padded, breathable straps for ultimate comfort and jobsite performance.
- Large storage - 35 pockets in total.
- Fold down front pocket for easier access and storage of larger items. Side water bottle pocket.
- Vertical tool wall maximises storage space while allowing for bulk storage space.
- Laptop pocket allows protected storage for laptops/tablets and personal goods.
- Exterior daisy chains allow clip on storage.

Jobsite backpack	
Article Number	48228200
EAN Code	045242333943

## ZIPPERED POUCHES - 3 PCS

### ZIPPERED POUCHES - 3 PCS



- Heavy duty zipper withstands jobsite abuse and is up to 2x more durable than competitive zippered pouches.
- Heavy duty canvas construction; breathable and durable for a lifetime of use.
- Water resistant stand up base protects contents from water damage and allows the bag to stand-up for easy viewing of contents.
- Integrated hand pocket provides quick access storage for the most commonly needed items.
- Webbing loop allows bags to be hooked together or to a bag.

Zippered pouches - 3 pcs	
Article Number	48228193
EAN Code	045242344611



Nothing but **HEAVY DUTY.**<sup>TM</sup>

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