



construction
machinery



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Consult features and technical specifications of our products, view pictures and download the pdf catalog through the IMER Group website!

> imergroup.com



SPARE PARTS WEBSITE

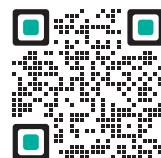
Find out how to easily order spare parts, download manuals and request assistance for all our products! Register now to access the new spare parts website!

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APP IMER CONNECT

IMER CONNECT is the app designed to facilitate the use of IMER machines by the operator and offer a smart experience of the company and its products. Download the app from Google Play and Apple Store!



SOCIAL CHANNELS



Imer Group



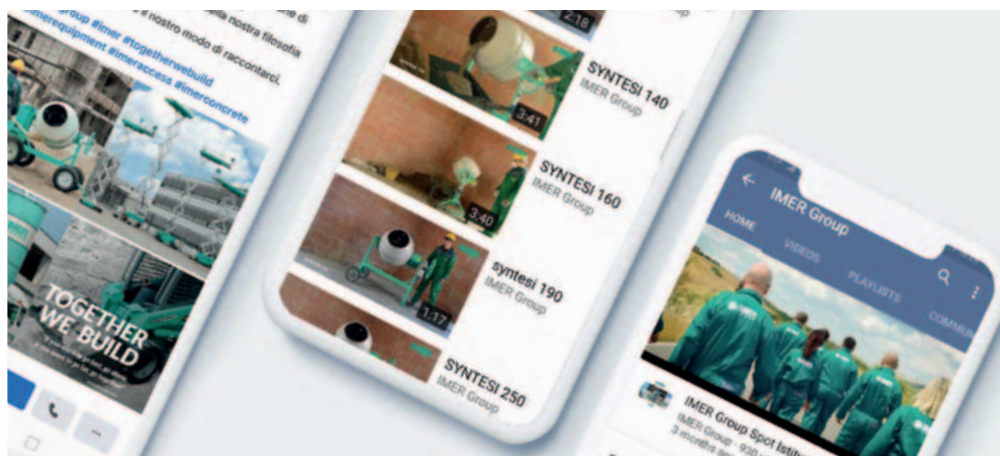
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LEGAL NOTICES

Data, descriptions and images of the products present in the catalog/price list are for illustrative purposes only and purely indicative. The products represented may therefore not be updated to the latest models of machines, accessories and equipment produced by IMER International S.p.A.

The images and descriptions of the products must not be understood as indications of use, maintenance, installation and set-up, for which reference must be made to the technical use and maintenance manuals.

THE GROUP

OUR MISSION

We build machines and equipment for the construction sector to make building site professionals work with the highest quality products, reducing the operator's physical effort and achieving higher performance. We build the future always aiming for innovation and with constant attention to safety, respect for people and protection for the environment.

THE STRENGTH OF A GROUP

With **over 700 employees**, today the Group has **5 production plants** and **5 foreign sales branches**. The IMER products cover all the building site's needs: from production, laying and transport of mortar and concrete to the handling of loads, from the cutting of materials and surfaces to soil compaction, from lifting of people to earthmoving.



IMER France - WORMS Entreprises

Power Generators
Paris, France



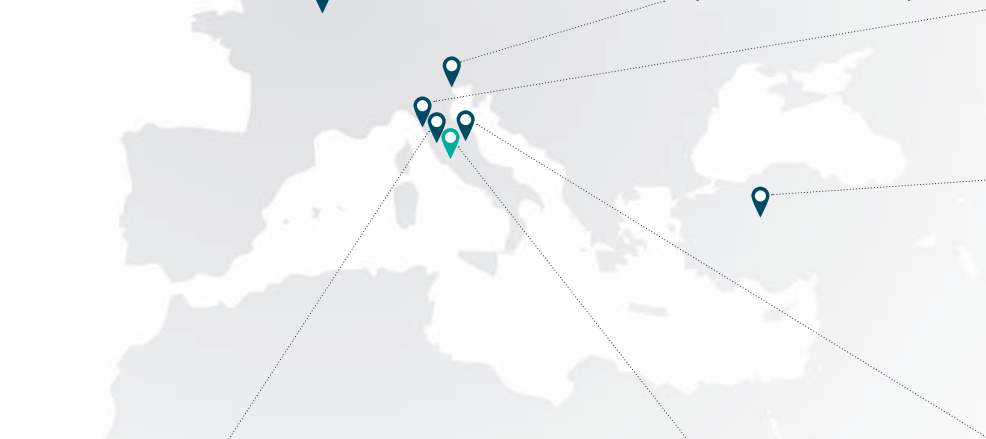
IMER Concrete

Batching Plant Solutions
Basaldella di Campoformido (Udine), Italy



KATO IMER

Earthmoving Machinery
San Gimignano (Siena), Italy



IMER - L&T

Truck Mixers
Aksaray, Turkey



IMER Access

Aerial Platforms
Pegognaga (Mantova), Italy



IMER Group Headquarters

Poggibonsi (Siena), Italy



IMER Equipment

Machinery for Building
Rapolano Terme (Siena), Italy



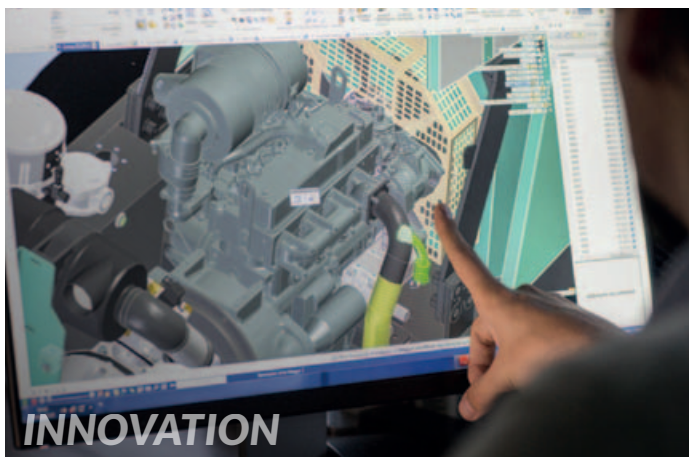
MANUFACTURING ORIENTED

We have always been and continue to be a company that produces.



SPECIALIZATION

We want to be specialists in each of our product lines.



INNOVATION

Each of our plants has a team of specialized designers.



VISIBILITY

Where there is a construction site, there is IMER.



SAFETY

Safety begins in our factories and continues at the construction site.



CUSTOMER SATISFACTION

We live the world's construction sites.

CONCRETE MIXERS

IMER MIXING SYSTEM

The Imer mixing system is developed through various distinguishing points: the type of largebased drum with reinforcement, the particular geometry of the mixing paddles and the low drum speed. The material mixed, analysed by the system of progressive screens, is homogeneous and well blended.

BOLTED MIXING PADDLES

The mixing paddles are bolted for easy replacement; the drum is more resistant to the risks of breakage, which are higher in correspondence with the welding spots in the case of welded paddles.

GEARMOTOR

The adoption of the gearmotor ensures protection against accidental overturning and offers maximum safety, eliminating all the possible risks typical of traditional machines.

SPECIAL BUSHINGS FOR RELIABLE TILTING

The arm rotation bushings for tilting the drum are made of special antifriction polyamide material fitted with grease nipple. They feature high resistance against wear and abrasion and ensure reliability and durability especially in continuous use.

MAXIMUM SAFETY FOR THE OPERATOR

All moving parts are adequately protected.

THERMAL PROTECTION

All machines with electric motor are fitted with IP 55 switch with no-volt coil. Thermal protection protects the motor against overload; the no-volt coil prevents the machine from being started again inadvertently after a power failure.

OUTSIDE CONTROLS "WITHIN REACH"

The electric switch and power plug are positioned directly in the tilting control area, so they are always easy to use.

STACKABLE FOR STORAGE

All the machines can be stacked to facilitate transport and storage operations.



HIGH RESISTANCE BELT

The motor drive belt is made of high-resistance Poly-V and is housed in the arm compartment of the drum suitably protected by a guard.

QUICK DRIVE BELT TENSIONING

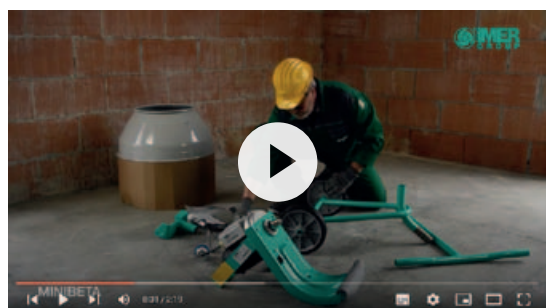
Tensioning the motor drive belt is easy and safe.



Watch the official IMER videos on our YouTube channel
to discover everything about our concrete mixers!

Use your smartphone to scan the code

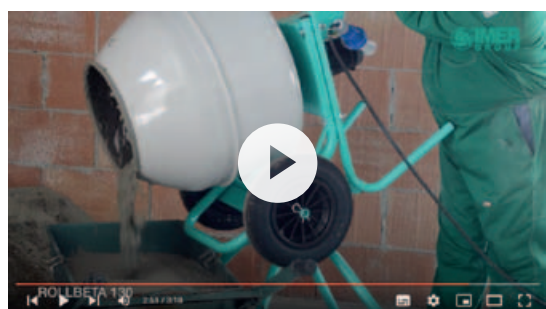
ASSEMBLY



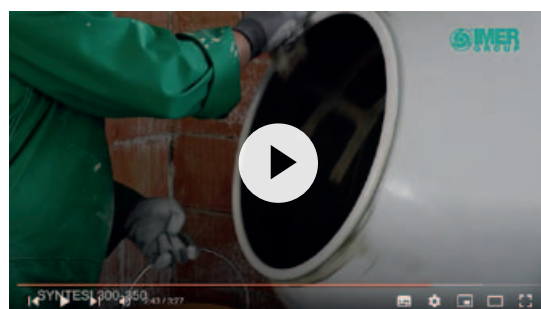
OPERATING



STARTING



CLEANING



Standard Equipment

- ✓ Single-phase 230V/50Hz motor (all models) - IP55 switch and no-volt coil
- ✓ Version with Worms EX170 4.2 kW petrol engine (Syntesi 190, 250, 300)
- ✓ Version with Worms EX170 4.2 kW / Honda 4 kW petrol engine or Yanmar 3.5 kW diesel engine (Syntesi 350)
- ✓ Transmission system with high resistance belt and steel gears in oil bath that are maintenance-free
- ✓ Movement towbar
- ✓ Poly drum version (HDPE), available on Syntesi 140

Applications

Designed and built to solve the typical problems of traditional concrete mixers. The transmission system inserted in the arm and the convenient worm screw tilting system make it noiseless and lightweight, and at the same time sturdy and reliable.

SYNTESI 140 with
STANDARD DOUBLE INSULATION ☐



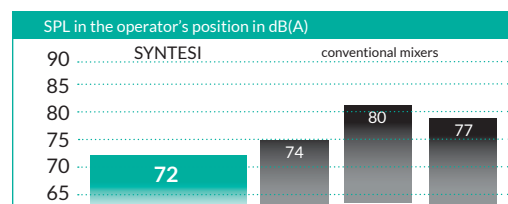
Syntesi 140 HDPE



Syntesi 140

Maximum silence

The new drive system reduces noise and makes the SYNTESI concrete mixers particularly noiseless.



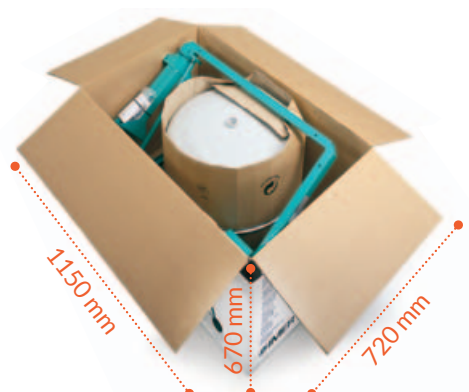
Syntesi 350

SYNTESI 140 SYNTESI 160 SYNTESI 190 SYNTESI 250 SYNTESI 300 SYNTESI 350

		SYNTESI 140	SYNTESI 160	SYNTESI 190	SYNTESI 250	SYNTESI 300	SYNTESI 350
Drum capacity/batch output*	l	138/~100	160/~115	190/~160	235/~190	314/~250	345/~280
Drum diameter	mm	610	610	702	702	823	823
Wheel dimensions	Ø mm	200x50	200x50	295x54	370x85	385x90	385x90
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph	230 / 50 Sph	230 / 50 Sph	230 / 50 Sph 230 / 60 Sph 110 / 50 Sph	230 / 50 Sph	230 / 50 Sph 110 / 50 Sph 115 / 60 Sph
Electric motor power rate	kW	0.3	0.3	1	1	1.4	1.4
Running current 230 V (110/115 V)	A	2.2	2.2	5	5 (12)	8	8 (14)
Petrol engine power	kW	-	-	4.2	4.2	4.2	4.2/4
El. motor/petrol eng. SPL in operator's position	dB(A)	72/-	72/-	72/85	72/85	72/85	72/85
El. motor/petrol eng. machine weight	kg	54/-	59/-	106/125	119/143	173/184	175/186
Machine dim. with electric motor w/l/h	mm	800/1330/1220	800/1330/1280	793/1465/1334	840/1465/1476	930/1610/1575	930/1610/1600
Machine dim. with petrol engine w/l/h	mm	-	-	793/1790/1334	840/1790/1476	930/1920/1575	930/1920/1600
Packing dim. w/l/h	mm	720/1150/670	720/1150/670	800/1580/1420	800/1580/1440	950/1700/1500	950/1700/1500
Max stackability**		3 (h 2200 mm)	3 (h 2200 mm)	2 (h 2520 mm)	2 (h 2540 mm)	2 (h 2600 mm)	2 (h 2600 mm)

(*) The mixing capacity varies depending on the type of material and inclination of the drum (**) Number of stackable pieces and total height including pallet

Shipment and storage



The Syntesi 140 is supplied already packed in a cardboard box.



The Syntesi 190, 250, 300 and 350 can be stacked for transport and storage

Version with petrol engine



Syntesi 190, 250, 300 and 350
Worms EX170 4.2 kW



Packaging Syntesi 140-160



Syntesi 160



Syntesi 190



Syntesi 250

MULTI-MIX 350

Portable 115V concrete mixer for mortar, stucco, grout or concrete

Standard Equipment

- ✓ Single-phase 115V/60Hz 1.4 kW electric motor
- ✓ IP55 switch and no-volt coil
- ✓ Transmission system with high resistance belt and steel gears in oil bath that are maintenance-free
- ✓ Towbar for transport around the jobsite (not towable on road)
- ✓ Heavy-duty construction mixing paddles, welded and screwed for added strength and a consistent mix
- ✓ Strong and reliable box steel frame
- ✓ Forklift pockets for easy movement

Applications

Portable, non-towable mixer for mortar, stucco, grout or concrete. Designed and built to mix large batches in a portable 115V traditional concrete mixer. The transmission system inserted in the arm and the convenient worm screw tilting system makes it noiseless and lightweight, and at the same time, sturdy and reliable.



MULTI-MIX 350

Drum capacity	l	345
Batch output*	l	~280
Drum diameter	mm	823
Wheel dimensions	Ø mm	385x90
Electric power supply	V / Hz	115 / 60 Sph
Electric motor power rate	kW	1.4
Running current	A	14
SPL in operator's position	kg	72
Machine weight	mm	175
Machine dim. w/l/h	mm	930/1610/1600
Packing dim. w/l/h	mm	950/1700/1500
Max stackability**		2 (h 2600 mm)

(*) The mixing capacity varies depending on the type of material and inclination of the drum.

(**) Number of stackable pieces and total height including pallet.

Standard Equipment

- ✓ Single-phase 230V/50Hz 1.4 kW electric motor
- ✓ Version with Honda GX 160 4 kW or Worms EX170 4.2 kW petrol engine
- ✓ Transmission system with high resistance belt and steel gears in oil bath that are maintenance-free
- ✓ Towbar for transport around the jobsite (not towable on road)
- ✓ 2 pneumatic wheels

Applications

Syntesi 350 LA is fitted with two pneumatic wheels for displacement. The towbar allows for easy handling on site (not towable on road). The worm screw tilting system protects against accidental overturning of the drum and reduces effort, while the gearbox warrants maximum silence.



SYNTESI 350 LA

Drum capacity/batch output*	l	345/280
Drum diameter	mm	823
Wheel dimensions	Ø mm	135/13"
Electric power supply	V / Hz	230 / 50 Sph
		230 / 60 Sph
		115 / 60 Sph
Electric motor power rate	kW	1.4
Running current	A	14.5
Petrol engine power	kW	4/4.2
El. motor/petrol eng. LP in operator's position	dB(A)	72/85
El. motor/petrol eng. machine weight	kg	175/186
Machine dim. with electric motor w/l/h	mm	930/1610/1600
Machine dim. with petrol engine w/l/h	mm	930/1920/1600
Packing dim. w/l/h	mm	950/1700/1500
Max stackability**		2 (h 2450 mm)

(*) The mixing capacity varies depending on the type of material and inclination of the drum.

(**) Number of stackable pieces and total height including pallet.



Shipment and storage

The Syntesi 350 LA can be stacked for transport and storage.

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor - Positioned in a sheltered compartment, protected from dust and atmospheric agents
- ✓ Version with Worms EX170 4.2 kW / Honda 2.9 kW petrol engine (Syntesi 190 R, Syntesi 250 R)
- ✓ Version with Worms EX170 4.2 kW / Honda 4 kW petrol engine or Yanmar 4 kW diesel engine (Syntesi 350 R)
- ✓ Transmission system with high resistance belt and steel gears in oil bath that are maintenance-free
- ✓ Towbar for road transportation up to 90 km/h (road towability is valid only in countries where this is allowed)
- ✓ 2 pneumatic wheels

Applications

Syntesi R is fitted with two pneumatic wheels and towbar for road transportation up to 90 km/h (road towability is valid only in countries where this is allowed). The worm screw tilting system protects against accidental overturning of the drum and reduces effort, while the gearbox warrants maximum silence.



Syntesi S350 R

		SYNTESI 190R	SYNTESI 250R	SYNTESI 350R
Drum capacity/batch output*	l	190/160	235/190	345/280
Drum diameter	mm	702	702	823
Wheel dimensions	Ø mm	2.50/8"	4.50/10"	135/13"
Electric power supply	V / Hz	230 / 50 Sph	230 / 50 Sph	230 / 50 Sph
Electric motor power rate	kW	1	1	1.4
Running current 230V	A	5	5	8
Petrol engine power	kW	4.2/2.9	4.2/2.9	4.2/4
El. motor/petrol eng. LP in operator's position	dB(A)	72/85	72/85	72/83
El. motor/petrol eng. machine weight	kg	128/144	160/176	224/232
Machine dim. with electric motor w/l/h	mm	1500/1610/1440	1500/1750/1580	1610/2270/1690
Machine dim. with petrol engine w/l/h	mm	1770/1610/1440	1770/1750/1580	1910/2270/1690
Packing dim. w/l/h	mm	750/1800/1300	750/1800/1300	900/2000/1500
Max stackability**		2 (h 2440 mm)	2 (h 2440 mm)	2 (h 2550 mm)

(*) The mixing capacity varies depending on the type of material and inclination of the drum.

(**) Number of stackable pieces and total height including pallet.

Standard Equipment

- ✓ Honda GX 160 4 kW petrol engine
- ✓ Transmission system with high resistance belt and steel gears in oil bath that are maintenance free
- ✓ Towbar for road transportation up to 90 km/h (road towability is valid only in countries where this is allowed)
- ✓ 2 pneumatic wheels

Applications

Road towable mixers for mortar, stucco, grout or concrete. Easy to use and to maintain, reliable and long-lasting. Fitted with two pneumatic wheels and towbar for road transportation up to 90 km/h (road towability is valid only in countries where this is allowed). The worm screw tilting system protects against accidental overturning of the drum and reduces effort, while the gearbox warrants maximum silence.



		WORKMAN II 250	WORKMAN II 350
Drum capacity/batch output	l	235/190	345/280
Drum diameter	mm	702	823
Wheel dimensions	Ø mm	4.50-10"	4.50-10"
Petrol engine power	kW	4	4
Petrol engine LP in operator's position	dB(A)	83	83
Petrol engine machine weight	kg	206	248
Machine dim. with petrol engine w/l/h	mm	914/1829/1397	953/1943/1422
Packing dim. w/l/h	mm	750/1900/1300	900/2100/1500
Max stackability**		2 (h 2440 mm)	2 (h 2550 mm)

(*) The mixing capacity varies depending on the type of material and inclination of the drum.

(**) Number of stackable pieces and total height including pallet.



Shipment and storage

34 units in 40 feet HC container

Standard Equipment

- ✓ Lombardini 15LD350 5.5 kW or Yanmar L48N 3.5 kW diesel engine
- ✓ Transmission system with high resistance belt and steel gears in oil bath that are maintenance-free
- ✓ Towbar for transport around the jobsite (not towable on road)
- ✓ 4 large-sized ALL TERRAIN pneumatic wheels (front steering)

Applications

Syntesi F is fitted with four large-sized pneumatic wheels for displacement. The towbar allows for easy handling on site (not towable on road). The worm screw tilting system protects against accidental overturning of the drum and reduces effort, while the gearbox warrants maximum silence.



Syntesi 350 FD
Lombardini 15LD350
Diesel engine, 5.5 kW

Syntesi 350 FDY
Yanmar L48N
Diesel engine, 3.5 kW

SYNTESI 350 FD/FDY		
Drum capacity/batch output*	l	345/280
Drum diameter	mm	823
Front wheels		4.50-10"
Rear wheels		135-13"
Int. combustion engine power	kW	5.5
LP in operator's position	dB(A)	87
Machine weight	kg	220
Machine dimensions w/l/h	mm	950/1920/1600
Packing dim. w/l/h	mm	1000/2000/1500
Max stackability**		2 (h 2500 mm)

(*) The mixing capacity varies depending on the type of material and inclination of the drum.
(**) Number of stackable pieces and total height including pallet.

Standard Equipment

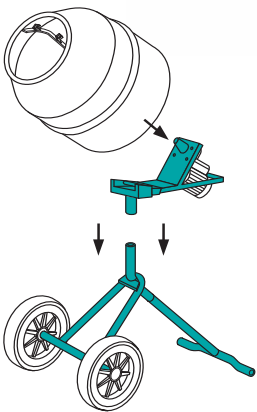
- ✓ Single-phase 230V/50Hz or 115V/60Hz electric motor
- ✓ Gearmotor in die-cast aluminium with gears in oil bath protected by a shatter-resistant plastic housing;
- ✓ Available in the versions with steel drum and poly drum (HDPE)
- ✓ IP 55 switch with no-volt coil and IP 67 plug
- ✓ Electric safety: built to EN 60204-1 double insulation norms, protected against spraying water (IP 55), overload and also against inadvertent starting again after a power failure.
- ✓ Steel mixing paddles
- ✓ Packing: cardboard

Applications

The simplicity of assembly/disassembly and a low noise level of 63 dB(A) make it particularly suitable for working indoors.

MINIBETA MINUTEMAN II

with STANDARD DOUBLE INSULATION



Simple and fast assembly

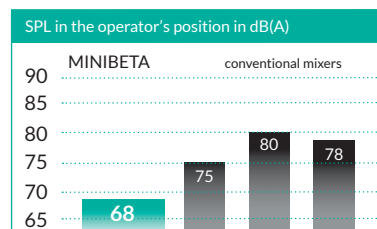
Assembly and disassembly of the MINIBETA is simple and takes just 3 minutes. After use it can be split into the 3 main components and put back in the box.

Maximum silence

The Minibeta is extremely quiet. The noise level of 63 dB(A) makes it possible to work indoors without causing bother.

Electrical safety

Fitted with double insulation, the Minibeta mixer is manufactured in accordance with Std. EN 60204-1 and is protected against spraying water (IP55) and also against overload and inadvertent starting again after a power failure.



	MINIBETA	MINUTEMAN II
Drum capacity	l	138
Batch output	l	~100
Drum diameter	mm	610
Wheel dimensions	Ø mm	250x60
Electric power supply	230 / 50 Sph	115 / 60 Sph
	230 / 60 Sph	
	110 / 50 Sph	
Electric motor power rate	kW	0.3
Running current 230 V (110/115 V)	A	(6)
SPL in operator's position	dB(A)	63
Machine weight	kg	55
Machine dim. w/l/h	mm	720/1300/1430
Packing dim. w/l/h	mm	670/670/670
Max stackability*	3 (h 2200 mm)	

(*) Number of stackable pieces and total height including pallet

ROLLBETA - WHEELMAN II

Small-sized concrete mixers

Standard Equipment

- ✓ Single-phase 230V/50Hz or 115V/60Hz electric motor
- ✓ Gearmotor with steel and technopolymer gears
- ✓ Electric safety: built to EN 60204-1 double insulation norms, protected against spraying water (IP 55) and against overload and inadvertent starting again after a power failure.
- ✓ Packing: cardboard
- ✓ Available in the versions with steel drum and poly drum HDPE

Optional Accessories

- ✓ Rotating pivoting support

Applications

It is the lightweight, compact concrete mixer easy to transport, ideal for small building sites or refurbishment work. Its construction features make it suitable for professional use.

ROLLBETA WHEELMAN II

with STANDARD DOUBLE INSULATION 



Rollbeta



Rollbeta with poly drum (HDPE)



Rollbeta rotating pivoting support
(optional)

		ROLLBETA	WHEELMAN II
Drum capacity	l	134	134
Batch output	l	~100	~100
Drum diameter	mm	610	610
Wheel dimensions	Ø mm	370x60	370x60
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph 110 / 50 Sph	115 / 60 Sph
Electric motor power rate	kW	0.3	0.3
Running current 230 V (110/115 V)	A	2.8 (6)	(6)
SPL in operator's position	dB(A)	63	63
Machine weight	kg	46	46
Machine dim. w/l/h	mm	660/1170/920	660/1170/920
Packing dim. w/l/h	mm	660/730/700	660/730/700
Max stackability*		3 (h 2200 mm)	3 (h 2200 mm)

(*) Number of stackable pieces and total height including pallet

RIOBETA 140

Small-sized concrete mixer with high discharge

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor
- ✓ Gearmotor with steel and technopolymer gears
- ✓ Electric safety: built to EN 60204-1 double insulation norms, protected against spraying water (IP 55) and against overload and inadvertent starting again after a power failure.
- ✓ Packing: cardboard

Applications

Concrete mixer of reduced volume and high discharge. It allows to unload the material directly to the wheelbarrow (without the necessity to use the trestle). Easy access to the drum during the material loading. Easy to use in narrow spaces, with possibility of transport to the floor. Oversized solid wheels ensure the stability on any construction site.

RIOBETA 140

with STANDARD DOUBLE INSULATION 



RIOBETA 140

Drum capacity	l	134
Batch output	l	~100
Drum diameter	mm	610
Wheel dimensions	Ø mm	370x60
Electric power supply	V / Hz	230 / 50 Sph
Electric motor power rate	kW	0.3
Running current	A	2.8
SPL in operator's position	dB(A)	63
Machine weight	kg	52
Machine dim. w/l/h	mm	653/1489/1217
Packing dim. w/l/h	mm	720/1100/670
Max stackability*		3 (h 2200 mm)

(*) Number of stackable pieces and total height including pallet

MORTAR MIXERS

FORCED-DUTY PLANETARY MIXING SYSTEM

Forced speed planetary mixers are the best solution to mix premixed or predosed products in bags in an optimal way and with as little effort as possible. Ease and speed in loading the material, significant reduction in mixing time, unmatched homogeneity of the mixture.



GRID WITH SAFETY SENSOR

For operator safety, an electric device prevents rotation of the paddles when the drum grid is raised. The no-volt coil prevents starting the machine again inadvertently after a power failure. Moving mechanical parts are protected against accidental contact.

EASY MANEUVERABILITY

IMER mixers are equipped with removable handles for easy handling for small movements on the building site and for loading on the means of transport.

THERMAL PROTECTION

All the machines with electric motor are fitted with protection devices against overloads and inadvertent starting again after a power failure.

BROAD RANGE OF MIXABLE MATERIALS

IMER mixers can mix a broad range of both dry and wet materials, with low or high viscosity. The paddle cover head distributes the material evenly inside the drum.

GEARMOTOR WITH GEARS IN OIL BATH

The use of a sturdy gearmotor with gears in oil bath lowers the noise level, offering a high level of working comfort for the operator.

EASY DISCHARGE OF THE MATERIAL

Optimized outlet for an easy discharge of the material. The grid protects against accidental contact with the mixing paddles. IMER has adopted an effective patented system to manually scroll the conveyor if necessary, freeing the passage of the material. This is especially useful when using fiberreinforced products.

LEGS ADJUSTABLE IN HEIGHT

Due to the extensible legs it is possible to adjust the required discharge height and easily empty the batch into a wheelbarrow or plaster sprayer.

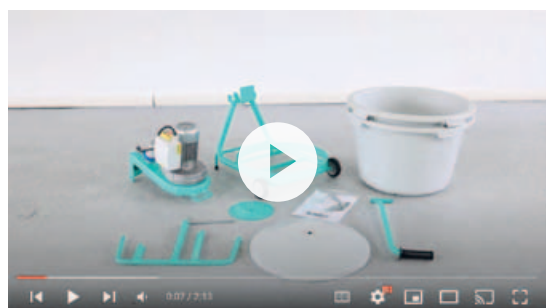




Watch the official IMER videos on our YouTube channel
to discover everything about our mortar mixers!

Use your smartphone to scan the code

ASSEMBLY



STARTING



OPERATING



ACCESSORIES



SPIN 15 A

Continuous cycle mixer for premixed products in bags

Standard Equipment

- ✓ Single-phase 230V / 50Hz gear cascade gearmotor
- ✓ Self-resetting motor thermal protector
- ✓ Electric control panel with on / off switch
- ✓ Thermal circuit breaker (motor protection) with manual reset
- ✓ Hopper with grate and bag breaker
- ✓ Removable mixing chamber
- ✓ Mixing shaft with Hardox® steel paddles
- ✓ Water system with micrometric flow regulator
- ✓ Self-priming stainless steel electric pump
- ✓ Water pump inlet pressure limiter
- ✓ 10 m water hose with quick couplings and 3/4" F quick connection
- ✓ Cardboard packaging

Optional Accessories

- ✓ Glues mixing kit
- ✓ Flow meter kit
- ✓ I-DUST grate

Applications

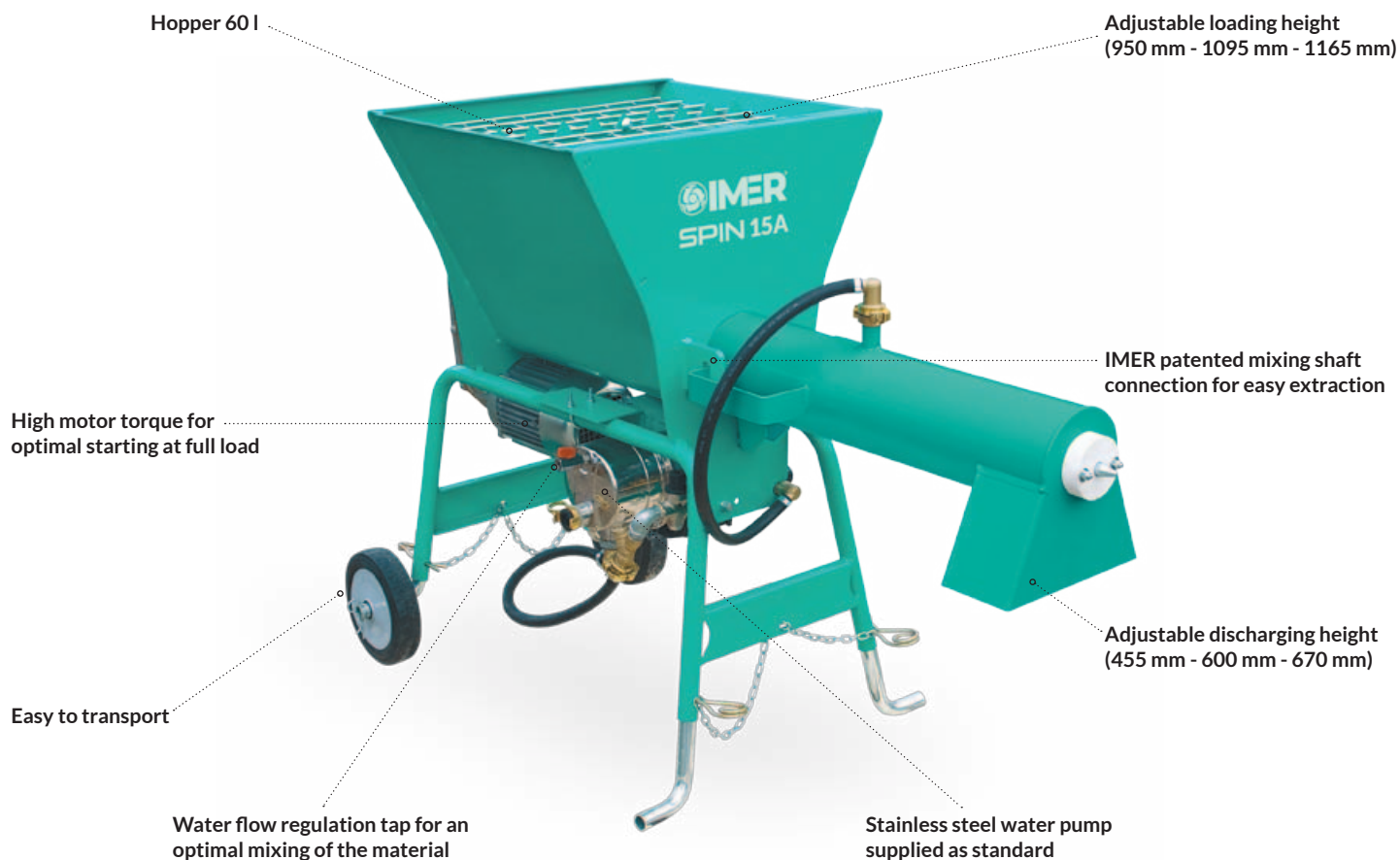
Ideal for quickly mixing premixed plasters, masonry mortars, selflevelling materials and traditional pre-mixed materials in bags. In combination with a plaster sprayer, it can form a single mixing and pumping unit.

The SPIN 15 A mixer, if provided with special optional kit, is particularly suitable for mixing glues for laying external insulation and tiles.



Spin 15 A Z-Clean

Z-Clean version with **SELF-CLEANING** rubber mixing chamber. The rubber pipe reduces the accumulation of residual material in the mixing chamber and allows easier and faster cleaning at the end of the work. The rubber material reduces noise emissions and increases the operator's comfort in closed environments.



3 positions adjustable height



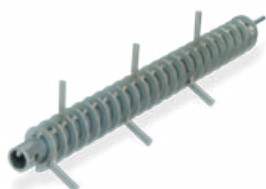
IMER patented parallel axes gearmotor with high efficiency that improves the transmission of the motion. The configuration with the motor under the hopper reduces the size and does not require maintenance and registration.



Patented IMER mixer coupling for an easy disassembling

High motor torque for optimum start-up with full load

Glues mixing kit (optional)



Flow meter kit (optional)



SPIN 15 A

Hopper capacity	l	60
Mixing performance*	l/min	17
Mixer/paddle speed	rpm	280
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph 115 / 60 Sph
Electric motor power rate	kW	1.4
Standard water pump	kW	0.45
SPL in operator's position	dB(A)	<65
Weight (with packing)	kg	85 (89)
Dimensions w/l/h	mm	701/1380/1165-950 (max-min)
Box dimensions w/l/h	mm	800/590/830
Max stackability**		2 (h 1900 mm)

(*) The data relating to the hourly mixing performance are non-binding indicative values, which may vary according to the consistency of the materials.

(**) Number of stackable pieces and total height including pallet.



SPIN 30 Plus

Continuous cycle mixer for premixed products in bags or in silos

Standard Equipment

- ✓ Three-phase 400V / 50Hz or single-phase 230V / 50Hz motor
- ✓ Self-resetting motor thermal protector
- ✓ Electric control panel with rotation inverter in the three-phase version
- ✓ Thermal magnetic switch with release coil
- ✓ Hopper with grate and bag breaker
- ✓ Removable mixing chamber
- ✓ Half-full wheels 370x60 mm
- ✓ Mixing shaft with Hardox® steel paddles
- ✓ Water system with micrometric flow regulator
- ✓ 10 m water hose with quick couplings and 3/4" F quick connection
- ✓ Self-priming electropump in stainless steel

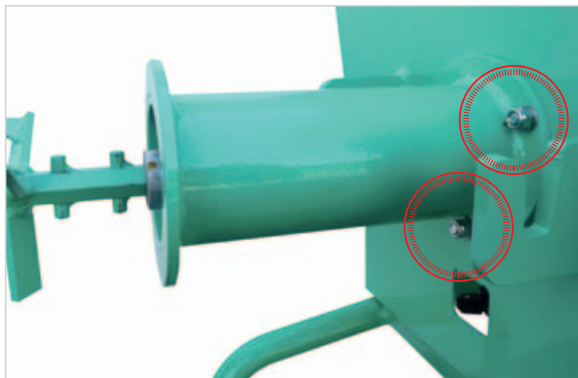
Optional Accessories

- ✓ Flow meter kit
- ✓ Single filter blower hood
- ✓ Double filter blower hood, oversized for hopper extension (+250 l)
- ✓ I-Dust grate

Applications

Ideal for quickly mixing premixed plasters, masonry mortars, selflevelling materials and traditional pre-mixed materials in bags. In combination with a plaster sprayer, it can form a single mixing and pumping unit.





Easily replaceable material conveyor



Safety sensor if the mixing chamber is opened



Tph Machine Control Panel

- Voltage presence light
- Phase inverter
- Differential switch
- Emergency button



Sph Machine Control Panel

- Voltage presence light
- Differential switch
- Emergency button

Flow meter kit
(optional)

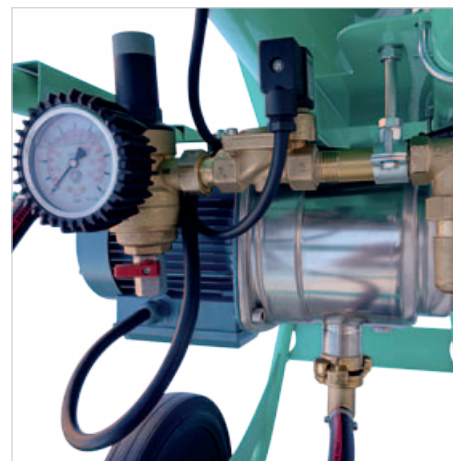


SPIN 30 PLUS

Hopper/tank capacity	l	110
Mixing performance*	l/min	35
Mixer/paddle speed	rpm	280
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph 230 / 50 Tph
Electric motor power rate	kW	2.2 (Sph) / 3 (Tph)
Standard water pump	kW	0.45
SPL in operator's position	dB(A)	<65
Weight (with packing)	kg	128 (153)
Machine dimensions w/l/h	mm	640/1800/1168
Packing dimensions w/l/h	mm	800/1200/1320
Max stackability**		1 (h 1320 mm)

(*) The data relating to the hourly mixing performance are non-binding indicative values, which may vary according to the consistency of the materials.

(**) Number of stackable pieces and total height including pallet.



Self-priming stainless steel
water pump and antioxidant
brass water system

MIX 60 PLUS

Compact mortar mixer

Standard Equipment

- ✓ Gearmotor with parallel shaft gears in oil bath
- ✓ Electric safety limit switch
- ✓ Switch with IP 55 no-volt coil and IP 67 plug
- ✓ Placing handle
- ✓ N. 2 standard shatter-resistant poly drums suitable for low temperatures **LONG LIFE**
- ✓ N. 1 universal paddle
- ✓ Packing: cardboard

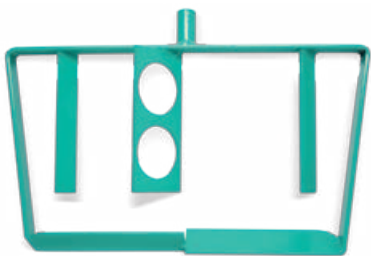
Optional Accessories

- ✓ Paddle for glues
- ✓ Kit with 5 drums **LONG LIFE**

Applications

Recommended for mixing premixed or traditional coarse materials with aggregates up to 6 mm.

Ideal for small building sites or refurbishment work. Lightweight, compact and very quiet, it is suitable for professional use.



Optional paddle for glues

MIX 60 PLUS		
Drum capacity	l	56
Mixing performance	l	47
Drum diameter	mm	580
Paddle speed	rpm	55
Electric power supply	V / Hz	230 / 50 Sph
		230 / 60 Sph
		110 / 50 Sph
		115 / 60 Sph
Electric motor power rate	kW	0.55
Running current 230 V (110/115 V)	A	3.6 (7)
SPL in operator's position	dB(A)	59
Machine weight (packing)	kg	30 (32)
Dimensions w/l/h (packing)	mm	599/664/758 (590/630/540)
Max stackability*		3 (h 1690 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Gearmotor with parallel shaft gears in oil bath
- ✓ Electric safety limit switch
- ✓ Switch with IP 55 no-volt coil and IP 67 plug
- ✓ Placing handle
- ✓ N. 2 standard shatter-resistant poly drums suitable for low temperatures **LONG LIFE**
- ✓ N. 1 3-action paddle
- ✓ Packing: cardboard

Optional Accessories

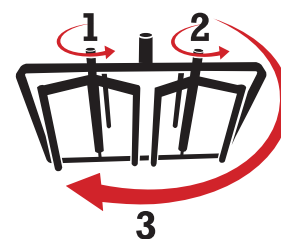
- ✓ Paddle for glues
- ✓ Kit with 5 drums **LONG LIFE**

Applications

Recommended for mixing thin grain or very fluid products. Ideal for all types of mortars, in particular technical mortars such as: mortars for concrete repair, fiber-reinforced mortars, smoothing compounds, glues, waterproofing and self-levelling materials.

Lightweight and easily transportable in any place, it is the ideal solution for use on renovation sites where space is limited. It is suitable for professional use.

It ensures homogeneous and no trapped air perfect mixing.



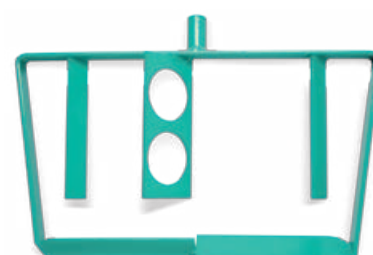
Exclusive IMER
3-movement mixing paddle



MIX-ALL

Drum capacity	l	56
Mixing performance	l	47
Drum diameter	mm	580
Paddle speed	rpm	55
Electric power supply	V / Hz	230 / 50 Sph
		230 / 60 Sph
		110 / 50 Sph
		115 / 60 Sph
Electric motor power rate	kW	0.55
Running current 230 V (110/115 V)	A	3.6 (7)
SPL in operator's position	dB(A)	59
Machine weight (packing)	kg	30 (32)
Dimensions w/l/h (packing)	mm	599/664/758 (590/630/540)
Max stackability*		3 (h 1690 mm)

(*) Number of stackable pieces and total height including pallet



Optional paddle for glues

MIX 80

Planetary mortar mixer with forced action

Standard Equipment

- ✓ Single-phase 230V/50Hz motor
Gearmotor in oil bath
- ✓ Electric safety grate opening
- ✓ Self-resetting motor thermal protector
- ✓ Switch with undervoltage remote control IP55 and plug IP67
- ✓ Grate with bag breaker blade
- ✓ Removable handles for handling
- ✓ Lifting hooks on 4 sides
- ✓ 4 Wheels for handling and loading on the means of transport
- ✓ I-Dust grate with connector tube for vacuum cleaner

Optional Accessories

- ✓ Rubber paddles kit

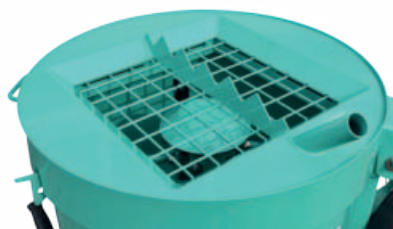


Applications

Small size, lightweight and easy loading in small transport vehicles. The I-DUST grid (standard), with connection for vacuum cleaner, limits the dust in the surrounding environment. Ideal for mixing premixed or predosed products in bags in an optimal way and with as little effort as possible. The homogeneity of the mixed product is unmatched, with total absence of lumps of cement in the case of mortars for floor screeds, or of lumps of fiber in the case of fiber-reinforced products. If necessary, Mix 80 can be used to mix traditional products, with the maximum mixing performance and homogeneity of the mixture.

Suitable for mixing:

- Premixed or traditional cement screed, also with the addition of fibers and / or additives
- Lightened screed pre-dosed with expanded clay with grain size < 10 mm (maximum 1 bag per cycle)
- Self-levelling anhydride / cement based screeds
- Cement / lime / gypsum based plasters
- Fiber-reinforced structural plasters also with the addition of additives
- Restorative plasters
- Traditional plasters
- Binders / mortars for injections
- Mortars for reinforcement
- Premixed / traditional masonry mortars
- Concrete with grain size < 8 mm
- Cementitious adhesives
- Mortars and stuccos
- Waterproofing seal



I-DUST grid with connection for vacuum cleaner: limits the dust in the surrounding environment.



The rotation direction of the paddles allows to disintegrate any lumps and resume normal mixing without direct manual intervention.

Equipped with 4 wheels and removable handles for easy handling for small movements but also when it is necessary to load the Mix 80 on the means of transport. It is also equipped with hooks for lifting on 4 sides.



MIX 80		
Drum capacity	l	80
Mixing performance	l	55
Drum diameter	mm	608
Max grain size	mm	8
Paddle speed	rpm	44
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph
Electric motor power rate	kW	1
Running current	A	6.5
SPL in operator's position	dB(A)	70
Load / discharge height	mm	1156 / 603
Machine weight (packing)	kg	106(120)
Dimensions w/l/h	mm	660/780/1238
Packaging dimensions w/l/h	mm	730/1280/930
Max stackability*		2 (h 1860 mm)

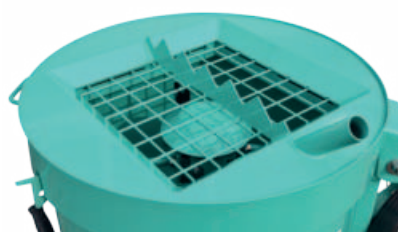
(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Single-phase 230V/50Hz motor
Gearmotor in oil bath
- ✓ Electric safety grate opening
- ✓ Self-resetting motor thermal protector
- ✓ Switch with undervoltage remote control IP55
and plug IP67
- ✓ Paddle rotation reversing gear
- ✓ Grate with bag breaker blade
- ✓ Lifting hooks positioned on 4 sides
- ✓ 4 wheels and removable handles, for handling and
loading on the means of transport
- ✓ Load / discharge height adjustable in two positions

Optional Accessories

- ✓ I-DUST grid with connection for vacuum cleaner
to limit the dust in the surrounding environment
- ✓ Rubber paddles kit
- ✓ Oversized wheels kit



Optional I-Dust grate.
The I-Dust grate limits the spread of dust in the surrounding environment while loading.



The rotation direction of the paddles allows to disintegrate any lumps and resume normal mixing without direct manual intervention.

Applications

Small size, lightweight and easy loading in small transport vehicles. The I-DUST grid (optional), with connection for vacuum cleaner, limits the dust in the surrounding environment. Ideal for mixing premixed or predosed products in bags in an optimal way and with as little effort as possible. The rotation direction of the paddles allows to disintegrate any lumps and resume normal mixing without direct manual intervention. If necessary, Mix 120 Plus can be used to mix traditional products, with the maximum mixing performance and quality of the mixture.

Suitable for mixing:

- Premixed or traditional cement screed, also with the addition of fibers and / or additives
- Lightened screed pre-dosed with expanded clay with grain size < 10 mm (2 bags per cycle)
- Thermal insulating screed (1 bag per cycle)
- Self-levelling anhydride / cement based screeds
- Cement / lime / gypsum based plasters
- Fiber-reinforced structural plasters also with the addition of additives
- Restorative plasters
- Traditional plasters
- Binders / mortars for injections
- Mortars for reinforcement
- Premixed / traditional masonry mortars
- Concrete with grain size < 8 mm
- Cementitious adhesives (large quantities)
- Mortars and stuccos for smoothing (large quantities)
- Waterproofing seal (large quantities)



MIX 120 PLUS

Drum capacity	l	120
Mixing performance	l	90
Drum diameter	mm	700
Max grain size	mm	8
Paddle speed	rpm	38
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph 110 / 50 Sph 115 / 60 Sph
Electric motor power rate	kW	1.4
Running current 230 V (110/115 V)	A	9 (14.5)
SPL in operator's position	dB(A)	70
Double load / discharge height	mm	1230/680 - 1160/610
Machine weight (packing)	kg	130 (139)
Dimensions w/l/h	mm	739/890/1282-1217 (max-min)
Packaging dimensions w/l/h	mm	780/870/1000
Max stackability*		2 (h 2000 mm)

(*) Number of stackable pieces and total height including pallet

MIX 200

Planetary mixer with forced action for premixed in bags and traditional mortars

Standard Equipment

- ✓ Single-phase 2.5 kW 2P 230V / 50Hz electric motor or Honda petrol engine GXV160 3.2 kW (2 kW cont.)
- ✓ Magnetothermic switch with IP55 minimum voltage coil and IP67 plug (electric version)
- ✓ I-DUST grate with connector tube for vacuum cleaner and bag breaker blade
- ✓ Electric safety grate opening
- ✓ Mixing paddles adjustable in height up to 18 mm
- ✓ Lifting hooks positioned on 4 sides and forklift guides
- ✓ Loading / unloading adjustable height in 3 positions 550/680/810 mm
- ✓ Oscillating discharge outlet to avoid clogging and facilitate cleaning
- ✓ Bonnet and hood fastening with silent and easy-to-use Valpa elastic closures
- ✓ Pneumatic wheels and axle with independent elastic suspension for excellent mobility on the building site
- ✓ Version approved for road towing (with optional light bar kit added)

Optional Accessories

- ✓ Light bar kit (required for road towing)
- ✓ Rubber paddles kit
- ✓ Outlet slide kit for loading on Step 120

Applications

Large capacity and excellent maneuverability thanks to the small size and road tires. The I-DUST grate (standard) limits the spread of dust in the surrounding environment while loading. Easy adjustment of the belt pull. Tested and reliable gearbox of MIX 120 Plus origin. The height of the legs adjustable in 3 positions allows to easily load and unload the material.

Suitable for mixing:

- Premixed or traditional cementitious screed, also with addition of fibers and / or additives
- Pre-dosed or traditional lightened screed, with expanded clay with grain size > 20 mm
- Colored rubber granulate for anti-trauma flooring
- Self-levelling anhydride / cement based screeds
- Thermal insulating cork or polystyrene based screeds
- Cement / lime / gypsum based plasters
- Fiber-reinforced structural plasters also with the addition of additives
- Restorative plasters
- Traditional plasters
- Binders / mortars for injections
- Polystyrene or cork based insulating plasters
- Fiber-reinforced mortars for reinforcement
- Premixed / traditional masonry mortars
- Filling concrete with 6 mm grain size
- Concrete for continuous draining flooring
- Mortars for heat protection
- Fireproofing



MIX 200

Drum capacity	l	200
Mixing performance	l	140
Drum diameter	mm	800
Paddle speed - electric / petrol	rpm	32 / 31
Motor power - electric / petrol	kW	2.5 / 3.2
Electric power supply	V / Hz	230 / 50 Sph 115 / 60 Sph
Motor power: electric motor / petrol engine	kW	2.5 (1.1) / 3.2
Running current 230 V (115 V)	A	15.9 (14.5)
SPL in operator's position - electric / petrol	dB(A)	70 / 88
Discharge height: max. - min.	mm	810-550
Machine weight: electric motor/petrol engine	kg	260/265
Dimensions with drawbar w/l/h	mm	1080/2525/1160
Dimensions for transport w/l/h	mm	1080/1410/1320
Max stackability*		2 (h 2280 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Three-phase 400V / 50-60Hz 3 kW or Single-phase 230V / 60Hz 4 kW electric motor (electric version)
- ✓ Honda GXV390 8.1 kW petrol engine (petrol version)
- ✓ Magnetothermic switch with IP55 minimum voltage coil and IP67 plug (electric version)
- ✓ I-DUST grate with connector tube for vacuum cleaner and bag breaker blade
- ✓ Electric safety grate opening
- ✓ Mixing paddles adjustable in height up to 20 mm
- ✓ Lifting hooks positioned on 4 sides and forklift guides
- ✓ Loading / unloading adjustable height in 3 positions 550/680/810 mm
- ✓ Oscillating discharge outlet to avoid clogging and facilitate cleaning
- ✓ Bonnet and hood fastening with silent and easy-to-use Valpa elastic closures
- ✓ Washing gun
- ✓ Jack for machine lifting
- ✓ Pneumatic wheels and axle with independent elastic suspension for excellent mobility on the building site
- ✓ Version approved for road towing (with optional light bar kit added)

Optional Accessories

- ✓ Light bar kit (required for road towing)
- ✓ Rubber paddles kit
- ✓ Outlet slide kit for loading on Step 120

Applications

New design and new frame structure. Large capacity and excellent maneuverability thanks to the reduced size and weight. The I-DUST grate (standard) limits the spread of dust in the surrounding environment while loading. The height of the legs adjustable in 3 positions allows to easily unload the material in any kind of container.

Suitable for mixing:

- Premixed or traditional cementitious screed, also with addition of fibers and / or additives
- Pre-dosed or traditional lightened screed, with expanded clay with grain size > 20 mm
- Colored rubber granulate for anti-trauma flooring
- Self-levelling anhydride / cement based screeds
- Thermal insulating cork or polystyrene based screeds
- Cement / lime / gypsum based plasters
- Fiber-reinforced structural plasters also with the addition of additives
- Restorative plasters
- Traditional plasters
- Binders / mortars for injections
- Polystyrene or cork based insulating plasters
- Fiber-reinforced mortars for reinforcement
- Premixed / traditional masonry mortars
- Filling concrete with 6 mm grain size
- Concrete for continuous draining flooring
- Mortars for heat protection
- Fireproofing



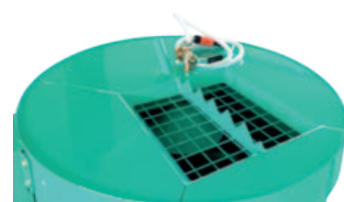
Jack supplied as standard for machine lifting.



Motor compartment covered and protected. IP55 control switch (electric version) located under the hood and accessible from the outside.



Electric safety device which stops the rotation of the mixing paddles automatically when the I-DUST grate is raised.



The I-DUST grate (standard) limits the spread of dust in the surrounding environment while loading.

MIX 360 R PLUS

Drum capacity	l	360
Mixing performance	l	200
Drum diameter	mm	950
Paddle speed: electric motor/petrol engine	rpm	35
Electric power supply	V / Hz	400 / 50 Tph 400 / 60 Tph 230 / 60 Sph
Motor power: electric motor/petrol engine	kW	3 (Tph) - 4 (Sph) / 8.1
Electric motor running current	A	7 (Tph) / 23 (Sph)
SPL in operator's position: electric motor/petrol engine	dB(A)	70 / 88
Discharge height: max. - min.	mm	810-550
Machine weight: electric motor/petrol engine	kg	357/360
Dimensions with drawbar w/l/h	mm	1187/2779/1400-1660 (min-max)
Dimensions for transport w/l/h	mm	900/1500/1600
Max stackability**		1 (h 1600 mm)

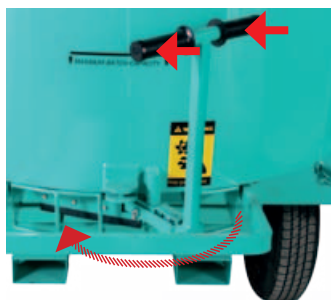
(*) Number of stackable pieces and total height including pallet

MIX 750

Planetary mixer with forced action for premixed mortars in bags or in silos and traditional mortars

Standard Equipment

- ✓ Three-phase 400V / 50-60Hz 4 kW electric motor (electric version)
- ✓ Honda GXV390 8.1 kW petrol engine (petrol version)
- ✓ Magnetothermic switch with IP55 undervoltage coil, plug IP67 (electric version)
- ✓ Mixing paddles with rotating satellite
- ✓ Grate with bag breaker blade
- ✓ Safety switch for opening the grate when the petrol engine is switched off
- ✓ Adjustable load and discharge height: 1390/570 mm - 1730/910 mm
- ✓ Washing gun
- ✓ Towbar not EU approved for roading
- ✓ Pneumatic wheels and axle with independent elastic suspensions
- ✓ Bidirectional guides for forklift
- ✓ Jack for machine lifting



Exclusive PAT "Push And Turn" hermetic closure system, which allows the discharge outlet to be opened and closed with minimal effort, ensuring hermetic sealing.



Bidirectional guide for forklift.

Applications

Forced action planetary mixer with rotary satellite. It is the ideal solution for mixing large quantities of premixed bagged products or material extracted from a silo in the shortest possible time. It is also suitable for mixing traditional products packed on site. It guarantees great capacity and reliability.

Suitable for mixing:

- Premixed or traditional cement screed, also with the addition of fibers and / or additives
- Pre-dosed or traditional lightened screed with expanded clay with grain size > 20 mm
- Colored rubber granulate for anti-trauma floors
- Self-levelling anhydride / cement based screeds
- Thermal insulating screeds based on cork or polystyrene
- Cement / lime / gypsum based plasters
- Fiber-reinforced structural plasters also with the addition of additives
- Restorative plasters
- Traditional plasters
- Binders / mortars for injections
- Insulating plasters based on polystyrene or cork
- Mortars for fiber-reinforced reinforcement
- Premixed / traditional masonry mortars
- Concrete with 16 mm grain size
- Concrete for continuous draining floors
- Fireproofing



Mixing system

The design of the mixing paddles and the rotational satellite provide homogeneous mixtures in short times even with particularly heavy materials. The double thickness steel bottom limits wear due to particularly abrasive materials.

The special central jet tube in the centre of the drum, above the rotating diffuser, distributes water over the whole surface of the material to speed up mixing, also limiting the dust in the air.



MIX 750

Drum capacity	l	750
Mixing performance	l	480
Drum diameter	mm	1300
Paddle speed: electric motor/petrol engine	rpm	35/36
Electric power supply	V / Hz	400 / 50 Tph 400 / 60 Tph
Motor power: electric motor/petrol engine	kW	4 / 8.1
Electric motor running current	A	9
SPL in operator's position: electric motor/petrol engine	dB(A)	70 / 88
Discharge height: max. - min.	mm	720-570
Machine weight: electric motor/petrol engine	kg	720/721
Dimensions with drawbar w/l/h	mm	1500/3220/1400
Dimensions for transport w/l/h	mm	1500/2230/1400
Max stackability**		2 (h 2500 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Low voltage electromechanical power plate with 15m of superflexible cable
- ✓ DC power supply unit
- ✓ Integrated electropump
- ✓ Nebulizer nozzle for water, with integrated control button
- ✓ Removable 2 L water tank
- ✓ 1 brown sponge for plasters with medium grain size
- ✓ 1 blue sponge for plasters with fine grain size
- ✓ 1 black plastic plate for rough
- ✓ Safety goggles
- ✓ ABS container with cover

Applications

Professional finishing machine for smoothing raw plasters or skim coats in general with water spray nozzle. Easy to use with minimal effort, it almost completely replaces the traditional manual plaster finishing, significantly increasing daily production.

Suitable for:

- Regular mortar / lime base coat plaster (up to 50 m² / h)
- Premixed cement / lime base coat plaster (up to 50 m² / h)
- Smoothing of regular mortar / premixed base coat plaster (up to 60 m² / h)
- Decorative finish with scratched effect (up to 60 m² / h)



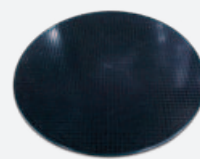
Accessories



Brown sponge for plasters with medium grain size
Recommended for smoothing skim coats on traditional and premixed base coat plaster



Blue sponge for plasters with fine grain size
Recommended for smoothing gypsum-based stuccos and fine-grained skim coats



Black plastic plate for rough
Recommended for smoothing rough base plaster and floor screeds

SPEEDY

Control unit power supply	VAC	230V/50 Hz
Power plate supply	VDC	42
Installed power	kW	0.8
Degree of protection	IP	44
Rotating power plate idle revolutions	rpm	80-120
Support plate diameter	mm	370
Water tank capacity	L	2
Low voltage cable length	m	15
Control unit dimensions w / l / h	mm	300/300/360
Packaging dimensions w / l / h	mm	400/600/440
Control unit weight	kg	13.3
Power plate weight	kg	5
Complete machine weight	kg	18.3

HOISTS

DRUM WITH TWO FIXED TURNS OF STEEL ROPE

To warrant higher machine reliability and longer life, the drum is built with a special patented device, which when the metal rope is completely unwound, keeps two turns always wound. This prevents straining the rope attachment point on the drum.

DRUM TRANSVERSE TO THE MOUNTING BRACKET

The steel rope cable drum is installed transverse to the mounting bracket. This improves smooth winding and eliminates dangerous accumulation of the rope on one side only, caused by flexing of the support structures.

CABLE SUPPORT FOR CLUTTER-FREE WORKSPACE

ELECTRIC CABLES WITH NEOPRENE SHEATH

The electric cables and the pendant control cable type H07RN-F are coated with Neoprene. This type of cables is advisable in on-site use, as it is highly resistant to mechanical stresses and atmospheric agents.

GEARMOTOR WITH GEARS IN OIL BATH

The gearmotor unit is made with helical-toothed steel gears in oil bath. The helical-toothed allows quieter running of the gearmotor, while the use of oil as lubricant offers higher protection and lengthens the life of the machine.

UPPER LIMIT SAFETY DEVICE

All hoists are fitted with upper limit safety device with positive drive that stops the upward movement of the load in the highest point. Sturdy dual lever limit switch system requiring no adjustments. Lever and limit switch mounted on the electrical panel making positioning errors impossible.

BARYCENTRIC LIFTING HOOK

FRONT HANDLE FOR MANUAL TRANSPORT

LIMIT SWITCH USABLE AS ADDITIONAL GRIP POINT

MOTOR PROTECTION CASING

RETRACTABLE FRAME LOCKING LEVER

The frame locking lever prevents dangerous rotation of the load during lifting or lowering operations, reducing risks for the operator and for damage to structures.

GUARANTEED AGAINST SELF-ENERGISING

The self-energising phenomenon, caused by a current failure during the downward movement at full load, tends to increase the speed up to compromising the hoist and support structure. All our hoists are guaranteed against this phenomenon and always keep the downward speed within permissible limits.

HOIST PROTECTION COVER

Hoist protection cover in tear-proof and waterproof polyester material, with three sets of straps (two lateral and one upper) to be easily fixed to the scaffold attachment or internal prop. Standard for all the NEO range hoists. Adaptable to all hoist models. It provides protection for the hoist when not in use.



Install your hoist
easily and **safely**
with the Argo kit!

Installation on scaffold attachment



Installation on internal prop



The ARGO lifting kit for hoists is the IMER solution for installing the hoist on scaffold attachment or internal prop.

With ARGO the operation can be carried out easily and in complete safety by a single person (for example when it is necessary to fix the hoist to scaffolding at height).

The kit is suitable for all NEO range hoists and previous models without an attachment point, and also for previous versions of internal prop without holes.



Kit composition:

- 1 Hoist lifting winch
- 1 Hoist swivelling extension for scaffold attachment
- 1 Hoist swivelling extension for internal prop
- 1 Attachment point for hoists previous to the NEO range
- 1 Drilling template for previous version of internal prop
- 2 Double ended wrenches 13x17
- 1 Waterproof polyester bag for kit carrying

Tot. weight: 15 kg

ES 150 NEO

Hoists with capacity 150 kg

Standard Equipment

- ✓ IP67 plug
- ✓ Trolley available for use with a gantry
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 1.5 m pendant control
- ✓ Scaffold clamps
- ✓ Self-braking motor with magnetic device
- ✓ Hoist protection cover

Applications

Ideal for operations that do not require frame extension. It can lift materials up to 150 kg.



150 kg



19 m/min



30 m



ES 150 NEO

Maximum capacity	kg	150
Av. full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	4
Rope length	m	31
Electric power supply	V / Hz	230 / 50 Sph 110 / 50 Sph
Motor power rate	kW	0.45
Motor speed	rpm	1310
Running current 230 V (110 V)	A	4.8 (14)
Machine weight	kg	39
SPL in operator's position	db(A)	<70
Dimensions w/l/h	mm	330/770/520
Packing dimensions w/l/h	mm	390/810/590

Standard Equipment

- ✓ Work positioning lever
- ✓ IP67 plug
- ✓ Trolley available for use with a gantry
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 pendant control
- ✓ Self-braking motor with magnetic device
- ✓ Bracket can be extended up to 1120 mm
- ✓ Hoist protection cover

Optional Accessories

- ✓ Scaffold attachment

Applications

It is ideal for lifting loads up to great heights because it has a high lifting speed (30 m/min). Maximum capacity remains unchanged for the entire arm extension so bulky materials can be lifted without the risk of striking against the structures.

Ideal for construction sites up to 40 m high.



150 kg



30 m/min



40 m



ET 150 NEO

Maximum capacity	kg	150
Av. full load lifting speed	m/min	30
Max. working height	m	40
Ø steel rope	mm	4
Rope length	m	41
Electric power supply	V / Hz	230 / 50 Sph
Motor power rate	kW	0.8
Motor speed	rpm	1380
Running current	A	7.1
Machine weight	kg	48
SPL in operator's position	db(A)	<72
Dimensions w/l closed (open)/h	mm	330/770(1170)/520
Packing dimensions w/l/h	mm	390/810/590

Standard Equipment

- ✓ Work positioning lever
- ✓ IP67 plug
- ✓ Trolley available for use with a gantry
- ✓ Upper limit safety device
- ✓ Multipin connector for changing the pendant control
- ✓ Self-braking motor with magnetic device
- ✓ Bracket can be extended up to 1120 mm
- ✓ Hoist protection cover

Optional Accessories

- ✓ Scaffold attachment
- ✓ Low voltage control 24V 50 m

Applications

The low noise level allows working without causing noise harmful to the operator's health and bothersome to others. TR VK 200 NEO has a high lifting speed (30 m/min) that allows to rapidly work on construction sites with great heights. **Ideal for construction sites up to 50 m high.**



200 kg



30 m/min



50 m



TR VK 200 NEO		
Maximum capacity	kg	200
Av. full load lifting speed	m/min	30
Max. working height	m	50
Ø steel rope	mm	4
Rope length	m	51
Electric power supply	V / Hz	230 / 50 Sph
Motor power rate	kW	1.1
Motor speed	rpm	1320
Running current	A	10.1
Machine weight	kg	48
SPL in operator's position	db(A)	<75
Dimensions w/l closed (open)/h	mm	390/770(1170)/520
Packing dimensions w/l/h	mm	390/810/590

Standard Equipment

- ✓ Work positioning lever
- ✓ IP67 plug
- ✓ Trolley available for use with a gantry
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 1.5 m pendant control
- ✓ Self-braking motor with magnetic device
- ✓ Hoist protection cover

Optional Accessories

- ✓ Scaffold attachment

Applications

Ideal for operations that do not require bracket extension.



200 kg



19 m/min



30 m



ET 200 NEO

Maximum capacity	kg	200
Av. full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	4
Rope length	m	31
Electric power supply	V / Hz	230 / 50 Sph 110 / 50 Sph
Motor power rate	kW	0.75
Motor speed	rpm	1380
Running current 230 V (110 V)	A	7.2 (14)
Machine weight	kg	42
SPL in operator's position	db(A)	<70
Dimensions w/l/h	mm	330/770/520
Packing dimensions w/l/h	mm	390/810/590

ETR 200 NEO

Hoists with telescopic frame – capacity 200 kg

Standard Equipment

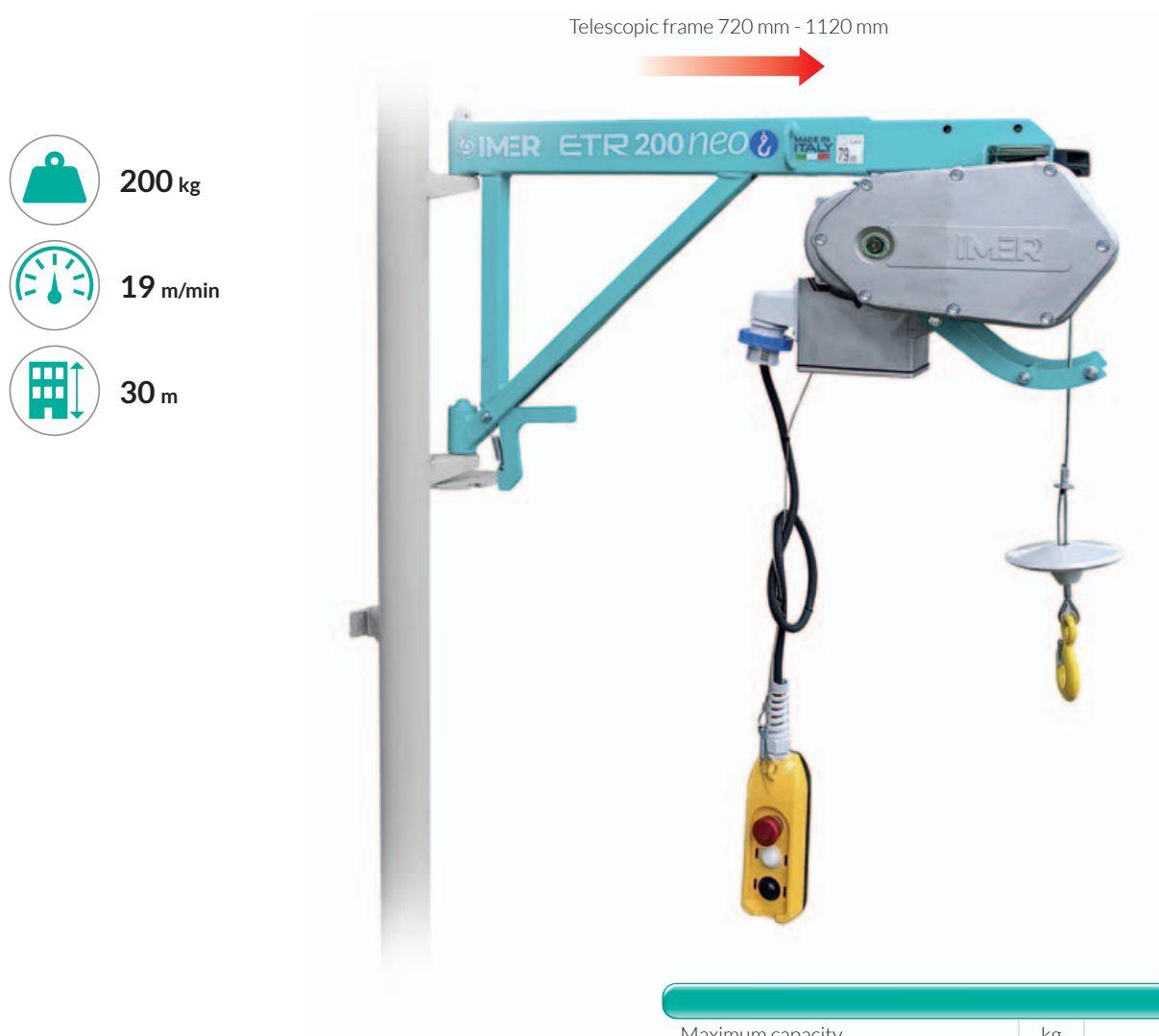
- ✓ Work positioning lever
- ✓ IP67 plug
- ✓ Trolley available for use with a gantry
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 1.5-m pendant control
- ✓ Self-braking motor with magnetic device
- ✓ Bracket can be extended up to 1120 mm
- ✓ Hoist protection cover

Optional Accessories

- ✓ Scaffold attachment

Applications

ETR 200 NEO lets you work with a bracket from 720 mm up to 1120 mm. Maximum capacity remains unchanged for the entire arm extension so bulky materials can be lifted without the risk of striking against the structures. The low noise level allows working without causing noise harmful to the operator's health and bothersome to others.



200 kg



19 m/min



30 m

ETR 200 NEO

Maximum capacity	kg	200
Av. full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	4
Rope length	m	31
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph
Motor power rate	kW	0.75
Motor speed	rpm	1380
Running current	A	7.2
Machine weight	kg	45
SPL in operator's position	db(A)	<70
Dimensions w/l closed (open)/h	mm	330/770(1170)/520
Packing dimensions w/l/h	mm	390/810/590

Standard Equipment

- ✓ Work positioning lever
- ✓ IP67 plug
- ✓ Trolley available for use with a gantry
- ✓ Upper limit safety device
- ✓ Self-braking motor with magnetic device
- ✓ Bracket can be extended up to 1120 mm
- ✓ Hoist protection cover

Optional Accessories

- ✓ Scaffold attachment
- ✓ 3-pushbutton IP65 pendant control 1.5 m
- ✓ 3-pushbutton IP65 pendant control 5 m
- ✓ 3-pushbutton IP65 pendant control 30 m - low voltage

Applications

The low noise level allows working without causing noise harmful to the operator's health and bothersome to others.

Telescopic frame 720 mm - 1120 mm



200 kg



19 m/min



30 m



TR 225 NEO

Maximum capacity	kg	200
Av. full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	4
Rope length	m	31
Electric power supply	V / Hz	230 / 50 Sph 110 / 50 Sph
Motor power rate	kW	0.75
Motor speed	rpm	1380
Running current 230 V (110 V)	A	7.2 (14)
Machine weight	kg	46
SPL in operator's position	db(A)	<70
Dimensions w/l closed (open)/h	mm	330/770(1170)/520
Packing dimensions w/l/h	mm	390/810/590

AP 120 SPRING

Scaffold winch - capacity 120 kg

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor
- ✓ Direct control with 3-pushbutton IP65 5-m pendant control with multipin connector
- ✓ Swivelling bracket
- ✓ Integrated stop system with lever/limit switch and load limiter functions
- ✓ Automatic cable tensioning system with pre-tensioned roller
- ✓ Enclosed frame with handles for easy moving on site
- ✓ Fixing system to the scaffolding which can be locked with a standard padlock (not supplied)
- ✓ Self-braking motor with magnetic device

Optional Accessories

- ✓ Scaffold attachment
- ✓ Flag anchor pin adapter swivel

Applications

The stop system integrated in the motorized unit with lever/limit switch and load limiter functions allows the winch to be mounted, as well as at the base of the structure, even at any height. Thanks to a special fixing system, the winch can be easily locked to the scaffolding with a standard padlock. The innovative automatic cable tensioning system with pre-tensioned roller allows better winding to avoid unwinding and loosening of the cable. Easy change of the pendant control thanks to the multipin connector. The enclosed frame guarantees protection for the motor and the cable winding drum. Two special handles in the frame structure make it easier to move the winch on site.



AP 120 SPRING		
Maximum capacity	kg	120
Av. full load lifting speed	m/min	30
Max. working height	m	40 (75*)
Ø steel rope	mm	4
Rope length	m	81
Electric power supply	V / Hz	230 / 50 Sph
Motor power rate	kW	0.8
Motor speed	rpm	1350
Running current	A	7.8
Machine weight	kg	50
Bracket weight	kg	11
SPL in operator's position	dB(A)	<72
Dimensions w/l/h	mm	364/640/440
Packing dimensions w/l/h	mm	410/660/450

(*) with winch mounted at height

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor
- ✓ Direct control with 3-pushbutton IP65 5-m pendant control
- ✓ Swivelling bracket
- ✓ Upper limit safety device
- ✓ Self-braking motor with magnetic device

Optional Accessories

- ✓ Scaffold attachment
- ✓ Flag anchor pin adapter swivel

Applications

It simplifies assembly operations and provides particular technical solutions which differentiate it from traditional hoists. After having put the hoist at the foot of the structure, during use it is sufficient to move the swivelling bracket into the desired position. Versatility and high resistance of the swivelling bracket to atmospheric agents: equipped with quick attachment, adaptors for various types of scaffolds and work positioning lever, it can be also applied at half-structure using the optional scaffold attachment.



150 kg



30 m/min

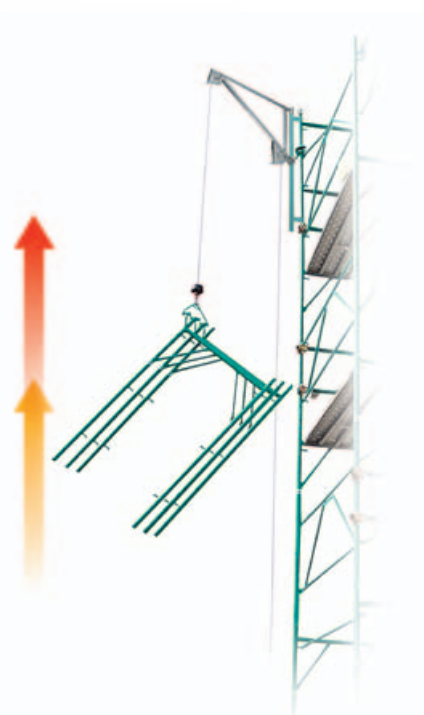


40 m



AP 150

Maximum capacity	kg	150
Av. full load lifting speed	m/min	30
Max. working height	m	40
Ø steel rope	mm	4
Rope length	m	81
Electric power supply	V / Hz	230 / 50 Sph
Motor power rate	kW	0.8
Motor speed	rpm	1350
Running current	A	7.1
Machine weight without bracket	kg	50
SPL in operator's position	dB(A)	<72
Dimensions w/l/h	mm	355/570/330
Packing dimensions w/l/h	mm	410/540/350



AIRONE 200 NEO

Hoists with telescopic arm – capacity 200 kg

Standard Equipment

- ✓ Work positioning lever
- ✓ IP67 plug
- ✓ Prearrangement for all IMER supports (gantry excluded)
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 1-m pendant control
- ✓ Self-braking motor with magnetic device
- ✓ Hoist protection cover

Optional Accessories

- ✓ Scaffold attachment

Applications

The special machine configuration makes it easy to install thanks to better weight distribution for the operator. The raised loading point simplifies the passing of materials through windows. Airone 200 NEO have an extensible arm up to 1100 mm. Maximum capacity remains unchanged for the entire extension so bulky material can be lifted without the risk of striking the structures.

-  200 kg
-  19 m/min
-  30 m



AIRONE 200 NEO		
Maximum capacity	kg	200
Av. full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	4
Rope length	m	31
Electric power supply	V / Hz	230 / 50 Sph
Motor power rate	kW	0.75
Motor speed	rpm	1380
Running current	A	7.5
Machine weight	kg	45
SPL in operator's position	db(A)	<72
Dimensions w/l closed (open)/h	mm	330/850(1100)/520
Packing dimensions w/l/h	mm	390/810/590

Standard Equipment

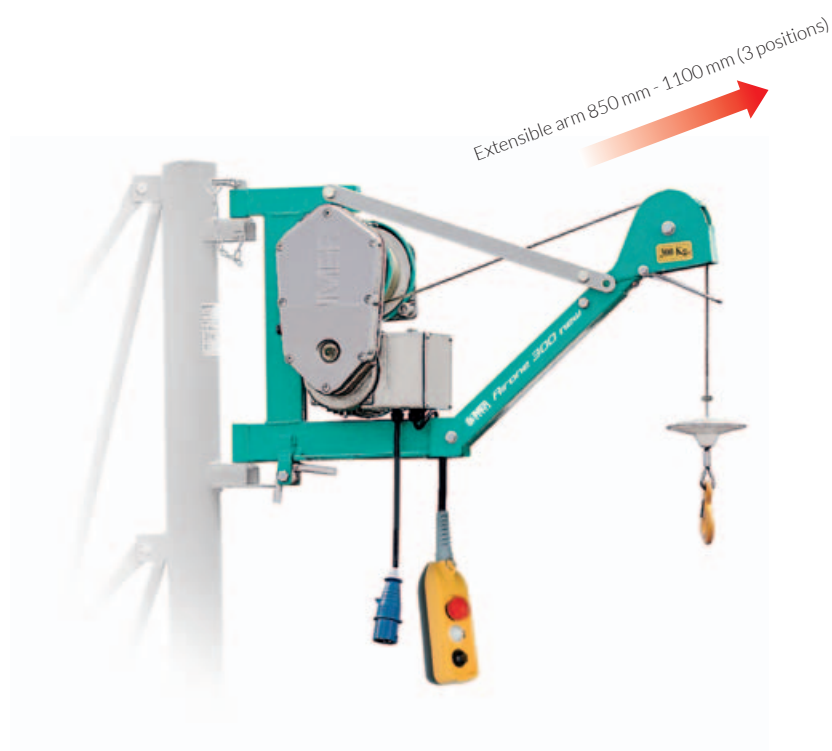
- ✓ Work positioning lever
- ✓ IP67 plug
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 1-m pendant control
- ✓ Self-braking motor with magnetic device

Optional Accessories

- ✓ Prop
- ✓ Ballast container

Applications

The special machine configuration makes it easy to install thanks to better weight distribution for the operator. The raised loading point simplifies the passing of materials through windows. Airone 300 New have an extendible arm up to 1100 mm. Maximum capacity remains unchanged for the entire extension so bulky material can be lifted without the risk of striking the structures.



300 kg



19 m/min



30 m



AIRONE 300 NEW

Maximum capacity	kg	300
Av. full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	5
Rope length	m	31
Electric power supply	V / Hz	230 / 50 Sph
Motor power rate	kW	1.1
Motor speed	rpm	1320
Running current	A	10
Machine weight	kg	55
SPL in operator's position	dB(A)	<72
Dimensions w/l closed (open)/h	mm	330/850(1100)/620
Packing dimensions w/l/h	mm	390/820/550



Column prop for Airone 300 New

The Airone 300 New has the possibility of a specific optional column prop for hoists with max. capacity of 300 kg.

ET 300 NEO

Single-phase gantry hoists – capacity 300 kg

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor
- ✓ IP67 plug
- ✓ Frame with 4 aluminium wheels
- ✓ Upper limit safety device
- ✓ Direct controls with 3-pushbutton 1.5-m pendant control
- ✓ Positioning brake
- ✓ Self-braking motor with magnetic device

Optional Accessories

- ✓ 300 kg gantry

Applications

It ensures maximum reliability and durability. The gearmotor is built with helical-toothed steel gears in oil bath.



300 kg



19 m/min



30 m



ET 300 NEO		
Maximum capacity	kg	300
Av. full load lifting speed	m/min	19
Max. working height	m	30
Ø steel rope	mm	5
Rope length	m	31
Electric power supply	V / Hz	230 / 50 Sph 110 / 50 Sph
Motor power rate	kW	1.1
Motor speed	rpm	1320
Running current 230 V (110 V)	A	12 (18)
Machine weight	kg	50
SPL in operator's position	db(A)	<72
Dimensions w/l/h	mm	330/780/380
Packing dimensions w/l/h	mm	390/810/590

Standard Equipment

- ✓ Single-phase 230V/50-60Hz electric motor
- ✓ IP67 plug
- ✓ Frame with 4 steel wheels
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 1.5-m pendant control
- ✓ Positioning brake
- ✓ Self-braking motor with magnetic device

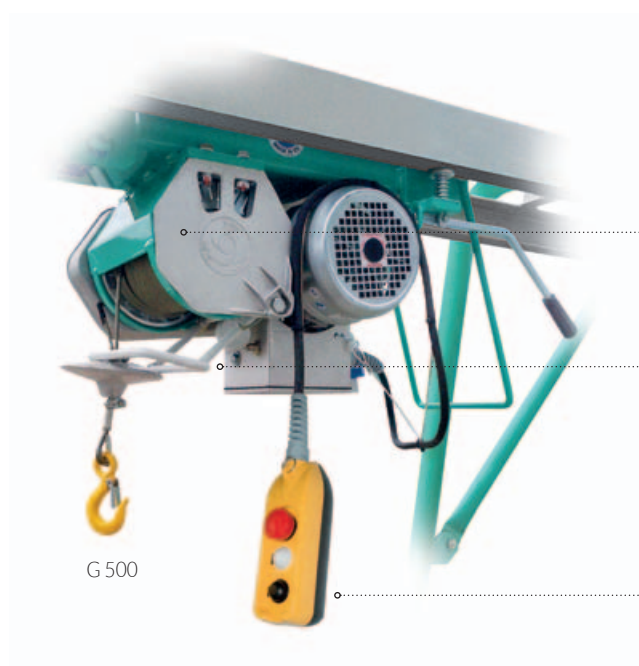
Optional Accessories

- ✓ 500 kg gantry (G 500)
- ✓ 1000 kg gantry (G 1000)

Application

Thanks to their sturdy structure and powerful motor, G 500 and G 1000 are particularly suitable for heavy duty use on site.

Electric Motor SINGLE-PHASE



G 500

Gearmotor in oil bath

Safety lever/limit switch

IP65 pendant control

500 kg (G 500)
1000 kg (G 1000)



17 m/min (G 500)
8.5 m/min (G 1000)



42 m (G 500)
21 m (G 1000)



SINGLE-PHASE

SINGLE-PHASE

G 500

G 1000*

		G 500	G 1000*
Maximum capacity	kg	500	1000
Av. full load lifting speed	m/min	17	8.5
Max. working height	m	42	21
Ø steel rope	mm	6	6
Rope length	m	43	43
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph 110 / 50 Sph	230 / 50 Sph 230 / 60 Sph
Motor power rate	kW	1.5	1.5
Motor speed	rpm	1320	1320
Running current 230 V (110 V)	A	12 (23)	12
Machine weight	kg	71	75
SPL in operator's position	dB(A)	<72	<72
Dimensions w/l/h	mm	382/800/410	382/800/410
Packing dimensions w/l/h	mm	400/820/440	400/820/440

*Available only for non-EU Countries



G 1000

ET 500 TF ET 1000

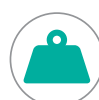
Three-phase gantry hoists - capacity 500/1000 kg

Standard Equipment

- ✓ Three-phase 400V/50-60Hz electric motor
- ✓ IP67 plug
- ✓ Frame with 4 steel wheels
- ✓ Upper limit safety device
- ✓ Direct control with 3-pushbutton IP65 1.5-m pendant control
- ✓ Positioning brake
- ✓ Self-braking motor with magnetic device

Optional Accessories

- ✓ 500 kg gantry (ET 500 TF)
- ✓ 1000 kg gantry (ET 1000)
- ✓ Kit rope pulley assembly and trolley attachment system for transformation 500 kg hoist to 1000 kg hoist (ET 500 TF)



(ET 500 TF) **500 kg**
(ET 1000) **1000 kg**



(ET 500 TF) **20 m/min**
(ET 1000) **10 m/min**



(ET 500 TF) **42 m**
(ET 1000) **21 m**



ET 500 TF



ET 1000

		THREE-PHASE	THREE-PHASE
		ET 500 TF*	ET 1000*
Maximum capacity	kg	500	1000
Av. full load lifting speed	m/min	20	10
Max. working height	m	42	21
Ø steel rope	mm	5	6
Rope length	m	43	43
Electric power supply	V / Hz	400 / 50 Tph 400 / 60 Tph	400 / 50 Tph 400 / 60 Tph
Motor power rate	kW	2.2	2.2
Motor speed	rpm	1320	1320
Running current	A	7	7
Machine weight	kg	71	75
SPL in operator's position	dB(A)	<72 (1.5 m)	<72
Dimensions w/l/h	mm	380/800/410	382/800/410
Packing dimensions w/l/h	mm	380/810/420	400/820/440

*Available only for non-EU Countries

Scaffold attachment for hoist / winch

For better distribution of the stress on the scaffold caused by using the hoist. Equipped with plate for locking the work positioning lever.

For hoist

Max. capacity: 200 kg
(150 kg with hoist with telescopic frame and swivelling extension)

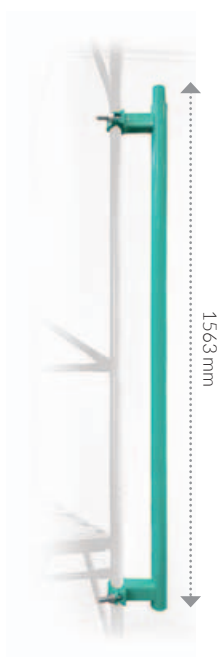
Weight: 18 kg



For AP Series winches

Max. capacity: 150 kg

Weight: 15 kg

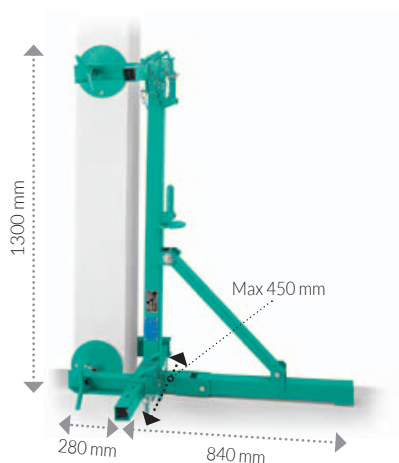


Window prop

Useful at construction sites or for refurbishment jobs with little work space. Easy and quick installation, without using assembly tools.

Max. capacity: 200 kg

Weight: 44 kg



Internal adjustable prop

For using the hoists indoors or where there are no external scaffolding structures; height adjustable from a min. of 2.45 m to a max. of 3.3 m.

Conversion kit internal-external

(to be combined with the internal adjustable prop): to install hoists outdoors where there are no overhanging support points of support; equipped with ballast container.

Max. capacity: 200 kg

(150 kg with hoist with telescopic frame and swivelling extension)

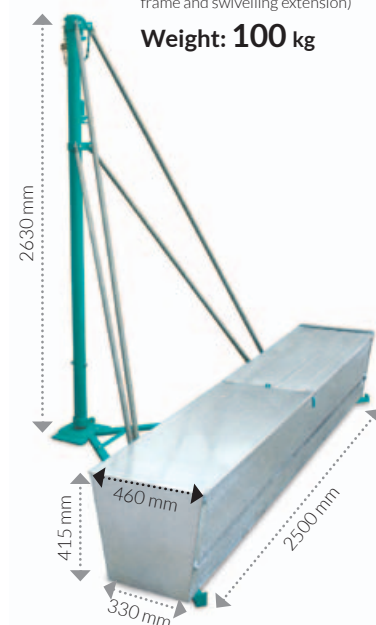
Weight: 44 kg



Max. capacity: 200 kg

(150 kg with hoist with telescopic frame and swivelling extension)

Weight: 100 kg



Handle for hoist

Useful for transporting the hoist on the construction site.

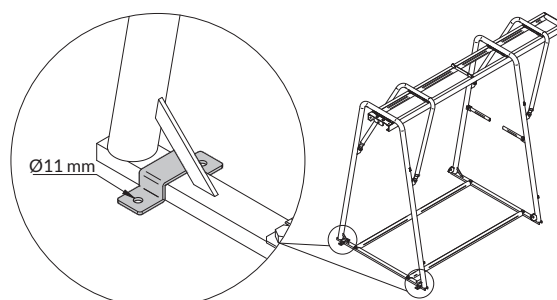
Suitable for the TR-ET-E-ETR series (models previous to the NEO range).

Weight: 0.65 kg



Fixing kit for gantry 300-500 kg

For mounting the 300 kg and 500 kg gantries on a floor in place of the ballasts in the event that these are not usable for reasons of space.

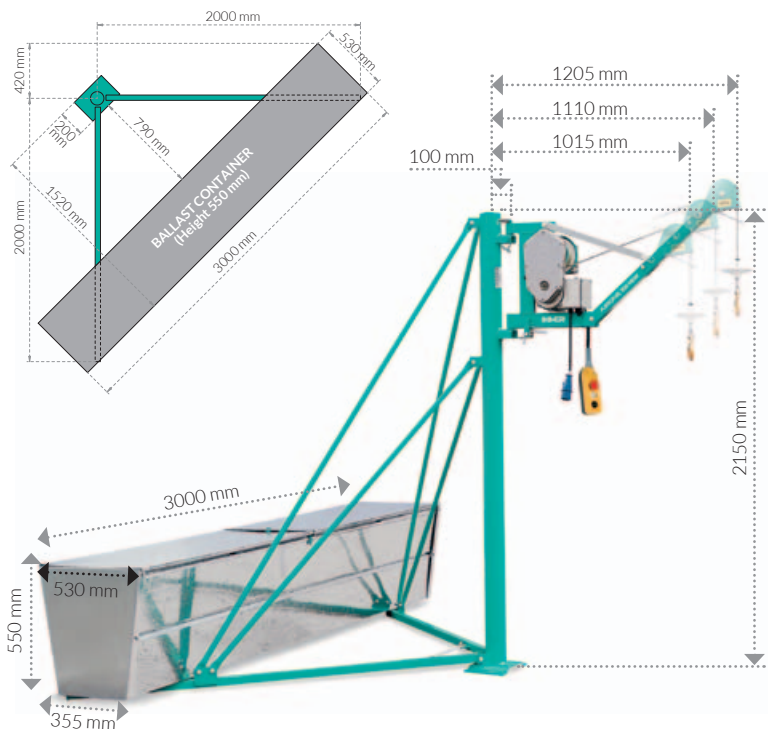


ACCESSORIES for HOISTS

Prop and ballast container for AIRONE 300 NEW

Max. capacity: 300 kg

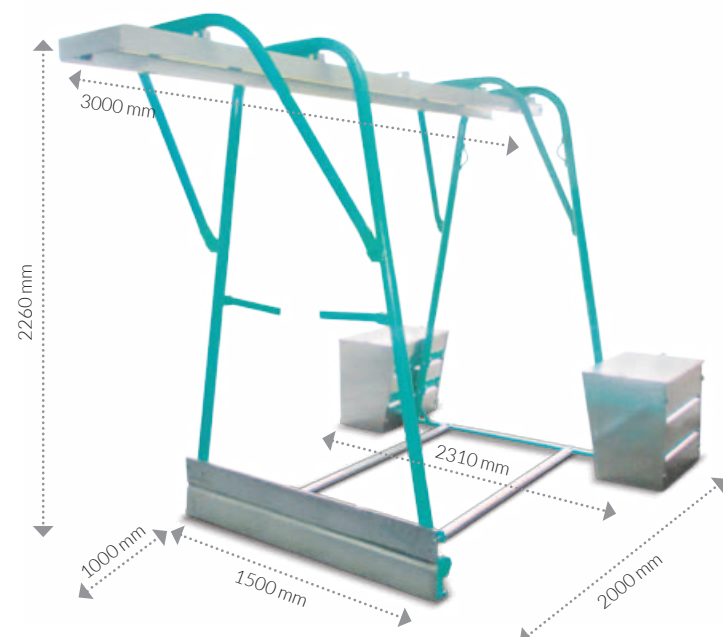
Tot. weight (prop + ballast container): 140 kg



Gantries with capacity 300 kg and 500 kg

Suitable for all IMER hoists, except for Airone 200 and Airone 300

Max. capacity: 300 kg / 500 kg

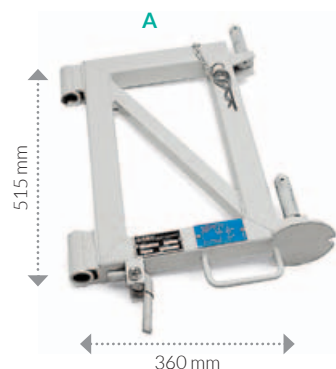


Swivelling extensions

- For prop/scaffold attachment with work positioning lever (A)
 - For clamp attachment with work positioning lever (B)
- For lifting bulky material with fixed bracket hoists, allowing the loading distance to be increased 360 mm, with carrying capacity reduced to 150 kg; for increasing the loading distance with extendible bracket hoists up to 1,480 mm, with carrying capacity reduced to 150 kg.

Max. capacity: 150 kg

Weight: 13 kg

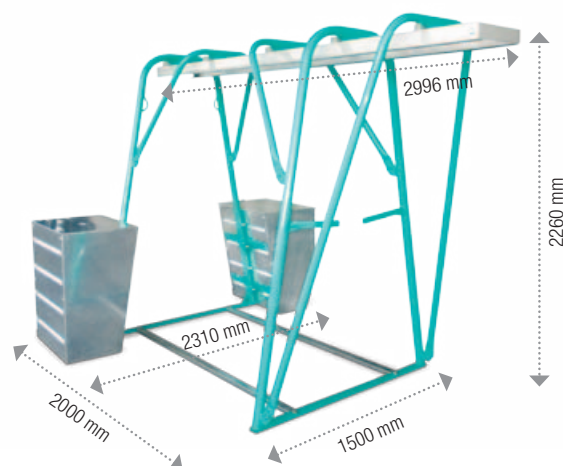


Max. capacity: 150 kg

Weight: 7 kg



Gantry with capacity 1000 kg



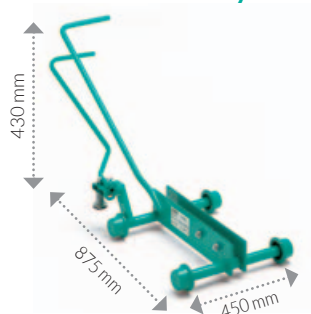
**AVAILABLE ONLY FOR
NON-EU COUNTRIES**

Transformation kit for 500 kg gantry to 1000 kg gantry



Hoist trolley

Weight: **8 kg**



Three-way scaffold frame lifting hook

Max. capacity: **60 kg**

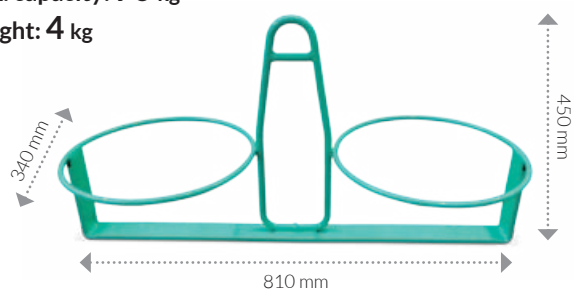
Weight: **3 kg**



Two-bucket carrier

Max. capacity: **70 kg**

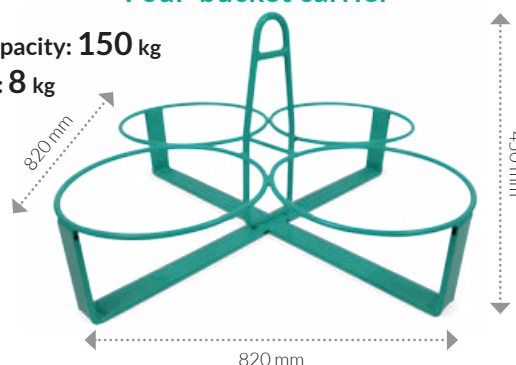
Weight: **4 kg**



Four-bucket carrier

Max. capacity: **150 kg**

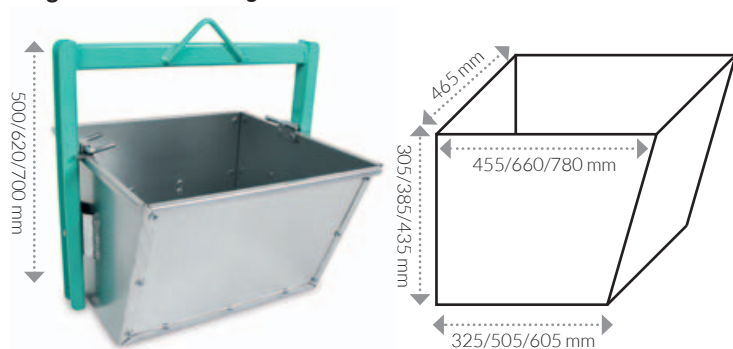
Weight: **8 kg**



Wedge-shaped bucket 45/90/120 litres

Max. capacity: **150/200/300 kg**

Weight: **12/15/19 kg**



Scaffold clamps

Max. capacity: **200 kg**

Weight: **25 kg**



Lifting kit for hoists ARGO

For installing the hoist on scaffold attachment or internal prop. Suitable for all NEO range hoists and previous models without an attachment point, and also for previous versions of internal prop without holes.

Tot. weight: **15 kg**



Hoist protection cover

Tear-proof and waterproof, with three sets of straps to be easily fixed to the scaffold attachment or internal prop.

Standard for all the NEO range hoists. Adaptable to all hoist models.



TILE, MASONRY & SLAB SAWS

WEAR-RESISTANT CUTTING SURFACE

The cutting surface is normally the part most subject to wear and corrosion. Stainless steel (C350 iPower) and anodised extruded aluminium (COMBI 200 VA and COMBI 250 VA) completely eliminate the risk of corrosion and guarantee high resistance to wear. The holes and fretting of the aluminium on the cutting surface facilitate the flow of water to the tray and eliminate the suction effect of the material.

MAXIMUM CUTTING ACCURACY

In order to guarantee the maximum cutting accuracy, the sliding bar is made of extruded aluminium or steel section bars depending on the models. The runner parts of the cutting head are formed of wheels mounted on sealed ball bearings. This system offers very smooth running and maximum cutting accuracy.

ELECTRIC WATER PUMP

IMER saws are fitted with an electric pump that ensures a constant flow of water to the cutting blade. The water flow is regulated through a special tap to allow correct blade cooling and optimise cutting.

45° CUTTING

All the machines have the possibility of 45° cutting. In COMBI and C350 iPower models, the sliding bar can be sloped in a few seconds. In M400 Smart and Masonry 750 Plus models, a support for 45° cutting can be applied on the cutting surface.

VERSATILITY

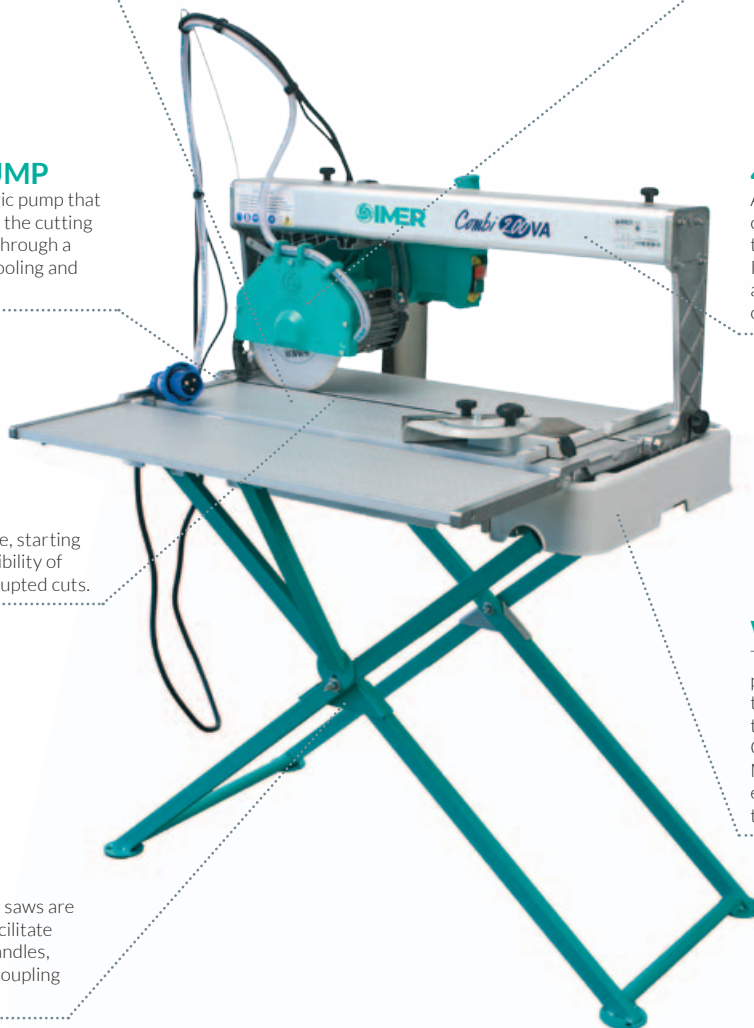
All the machines of the Combi range, starting from the 200 model, have the possibility of vertical cutting for making uninterrupted cuts.

EASY HANDLING

Depending on the models, all IMER saws are provided with various devices to facilitate machine handling and transport: handles, wheels, guides for the forklift and coupling points for taking from above.

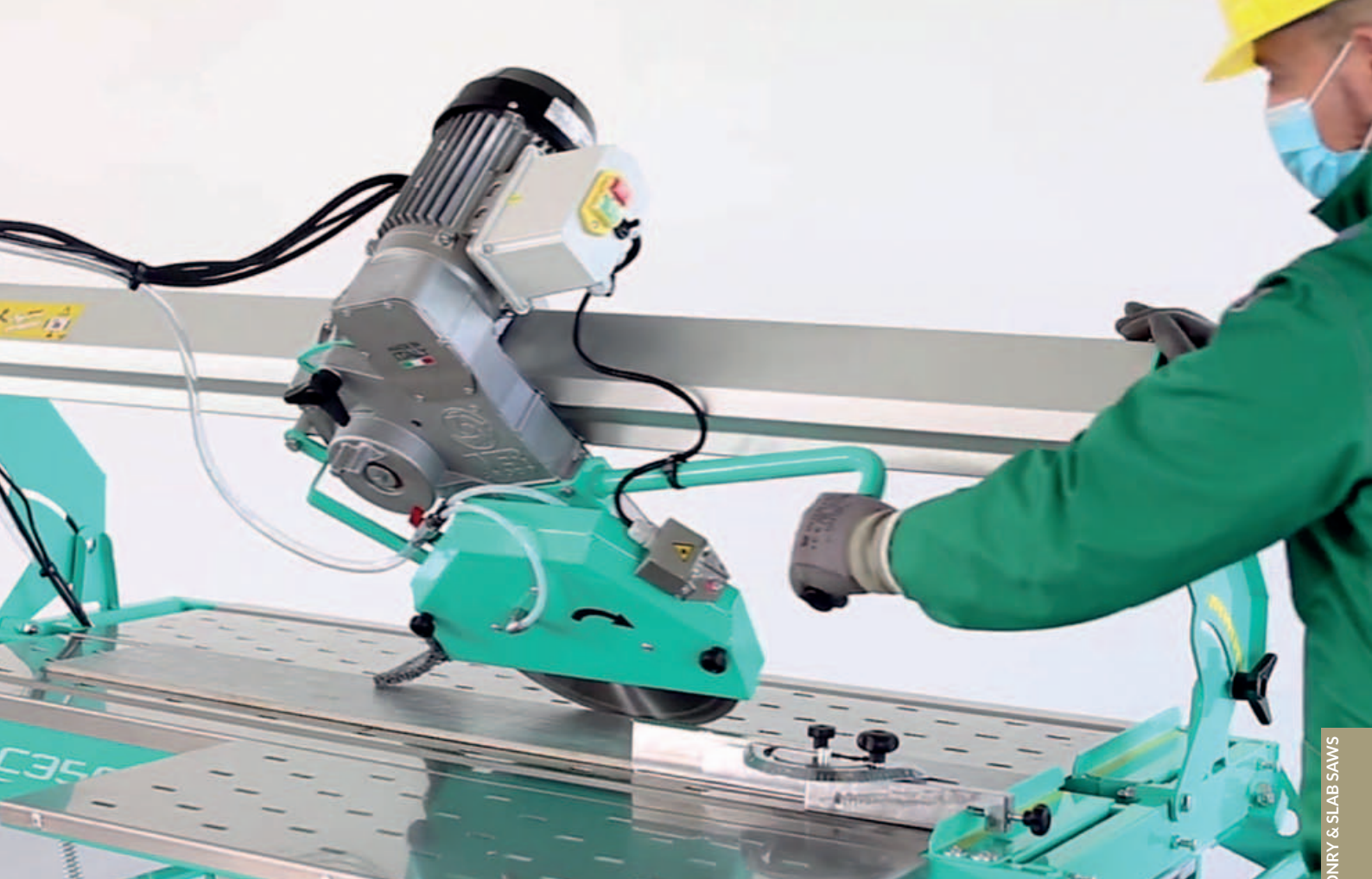
WATER RECOVERY TRAY

The water recovery tray is made of plastic to prevent any possibility of corrosion. Thanks to the lightweight material used, the tray is also easy to remove from the machine for cleaning. In the COMBI 200 VA, COMBI 250 VA, C350 iPower, M400 Smart and Masonry 750 Plus models, emptying can be carried out without removing the tray from the machine.



PACKING

To reduce the risks of damage during transport and to facilitate handling and storage operations, all the machines are delivered with cardboard packing.



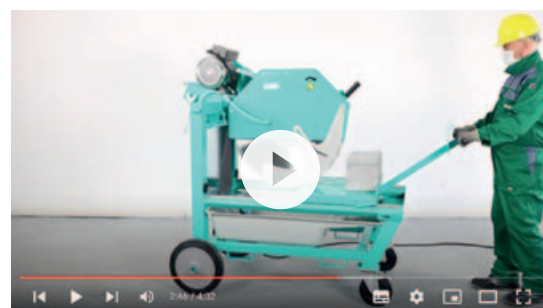
Watch the official IMER videos on our YouTube channel
to discover everything about our saws!

Use your smartphone to scan the code

ASSEMBLY



OPERATING



APPLICATIONS



ACCESSORIES



COMBI 200 VA

Water-cooled tile saw - blade Ø 200 mm

Standard Equipment

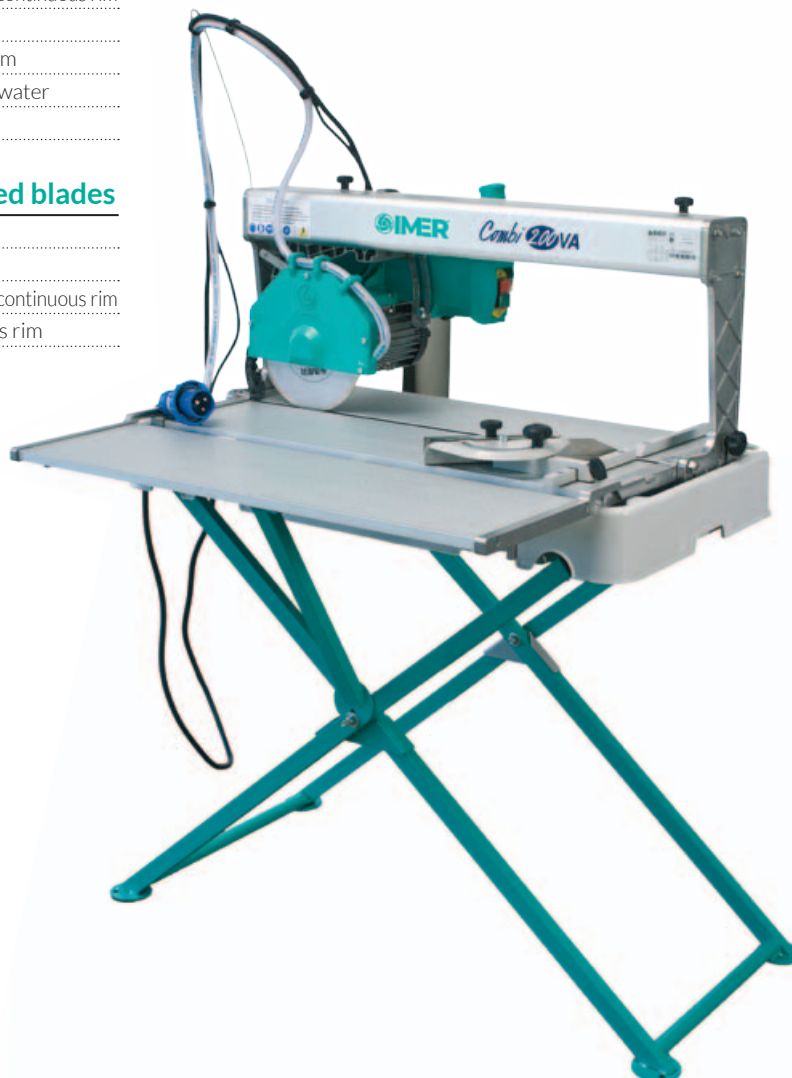
- ✓ Single-phase 230V/50Hz electric motor, 1.5 kW with thermal protection and minimum voltage coil
- ✓ IP 55 switch
- ✓ IP 67 plug
- ✓ Cutting guide
- ✓ Diamond blade Ø 200 mm PREMIUM for hard gres tiles - continuous rim
- ✓ Protractor with large support surface
- ✓ Anodised extruded aluminium cutting surface 240 mm
- ✓ Shatter-resistant plastic tray to contain and recover water
- ✓ Stand

Optional Accessories and recommended blades

- ✓ Side cutting surface
- ✓ Tile locking tool
- ✓ Diamond blade Ø 200 mm PREMIUM for hard gres tiles - continuous rim
- ✓ Diamond blade Ø 200 mm FLEX for tiles - continuous rim

Applications

It is the small portable tile saw with lots of power. Lightweight, compact and handy to use, it is ideal for installers. It offers high cutting capacity: the blade is suitable for all types of material to be cut. Cuts (90°) vertically to the support surface or cuts in tilted position between 90° and 45° (depth adjustment is maintained in all positions). Side cutting surface optional to extend cutting by 240 mm, maintaining stability, due to a bracket bolted onto the stand.



High cutting capacity



Direct transmission



Cutting at 45°

COMBI 200 VA

Blade/bore diameter	ø mm	200/25.4
Cutting length with (w/out) plunging blade	mm	600(500)
Cutting depth 90° 1 pass/2 passes	mm	43/55
Cutting surface dimensions	mm	700x420
Electric power supply	V / Hz	230 / 50 Sph
		110 / 50 Sph
		115 / 60 Sph
Motor power rate	kW	1
Motor speed	rpm	2800
Running current 230 V (110/115 V)	A	6.85 (11.4)
Water pump		IP67, flow rate 13 l/min
Water recovery tray capacity	l	28
Machine dimensions	mm	490/900/480
Packing dimensions	mm	500/950/530
Stand dimensions	mm	480/1060/750
Machine weight (with packing)	kg	33.6 (38)
Stand weight	kg	8.6
Optional surface weight (with packing)	kg	2.34 (4.1)
Side surface bracket weight	kg	0.7
SPL in operator's position	dB(A)	86
Max. stackability*		3 (h 1750 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor, 1.5 kW with thermal protection and minimum voltage coil
- ✓ IP 55 switch
- ✓ IP 67 plug
- ✓ Cutting guide
- ✓ Diamond blade Ø 250 mm PREMIUM for hard gres tiles - continuous rim
- ✓ Protractor with large support surface
- ✓ Anodised extruded aluminium cutting surface
- ✓ Shatter-resistant plastic tray to contain and recover water
- ✓ Stand with two rubber wheels

Optional Accessories and recommended blades

- ✓ Side cutting surfaces
- ✓ Rip guide
- ✓ Tile locking tool
- ✓ Diamond blade Ø 250 mm PREMIUM for hard gres tiles - continuous rim
- ✓ Diamond blade Ø 250 mm FLEX for tiles - continuous rim

Applications

It is ideal for cutting ceramic, stone materials, bricks and stone. Lightweight and compact, it ensures maximum cutting precision thanks to its user-friendly structure and the accessories that come with it. It offers high cutting capacity: the blade is suitable for all types of material to be cut. Cuts (90°) vertically to the support surface or cuts in tilted position between 90° and 45° (depth adjustment is maintained in all positions). Side cutting surface optional to extend cutting, maintaining stability, due to a bracket bolted onto the stand.



TILE, MASONRY & SLAB SAWS

COMBI 250 VA

Blade/bore diameter	Ø mm	250/25.4
Cutting length	mm	785/660 (with/without plunging blade)
Cutting depth 1 pass	mm	66
Cutting depth 2 passes	mm	105
Cutting surface dimensions	mm	500x850
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph 110 / 50 Sph 115 / 60 Sph
Motor power rate	kW	1.5
Motor speed	rpm	2800
Running current 230 V (110/115 V)	A	9.4 (15.4)
Water pump		IP67, flow rate 13 l/min
Water recovery tray capacity	l	36
Machine dimensions	mm	565/1050/480
Packing dimensions	mm	610/1090/525
Stand dimensions	mm	545/1060/750
Machine weight (with packing)	kg	38 (43)
Stand weight	kg	8.8
Optional surface weight (with packing)	kg	2.6 (4.5)
Side surface bracket weight	kg	0.7
SPL in operator's position	dB(A)	86
Max. stackability*		3 (h 1750 mm)

(*) Number of stackable pieces and total height including pallet



High cutting capacity



Optional side surface



Cutting at 45°



Rip guide

COMBI 250-1000 VA

Water-cooled tile saw - blade Ø 250 mm

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor, 1.5 kW with thermal protection and minimum voltage coil
- ✓ IP 55 switch
- ✓ IP 67 plug
- ✓ Laser pointer
- ✓ Cutting guide
- ✓ Diamond blade Ø 250 mm PREMIUM for gres hard porcelain - continuous rim
- ✓ Protractor with large support surface
- ✓ Anodised extruded aluminium cutting surface
- ✓ Shatter-resistant plastic tray to contain and recover water
- ✓ Stand with two rubber wheels

Optional Accessories and recommended blades

- ✓ Side cutting surface
- ✓ Rip guide
- ✓ Tile locking tool
- ✓ Diamond blade Ø 250 mm PREMIUM for gres hard porcelain - continuous rim
- ✓ Diamond blade Ø 250 mm FLEX for ceramic - continuous rim

Applications

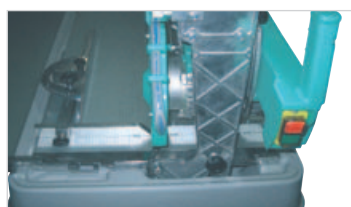
For a quality cut even on large tiles: 300x600 mm, 900x900 mm and over. Max. cutting length 1000 mm.

They offer high cutting capacity: the blade is suitable for all types of material to be cut. Cuts (90°) vertically to the support surface or cuts in tilted position between 90° and 45° (depth adjustment is maintained in all positions).

Side cutting surface allows to extend cutting, maintaining stability, due to a bracket bolted onto the stand. The machine can mount up to 2 side cutting surfaces and is shipped in a box with stand included.




only 40 kg
without stand



OFF button incorporated in the handle



Standard protractor



Cutting at 45°



Standard laser pointer

COMBI 250-1000 VA

Blade/bore diameter	ø mm	250/25.4
Cutting length (with/without plunging blade 2 passes)	mm	930/1030
Cutting depth 1 pass	mm	66
Cutting depth 2 passes	mm	105
Cutting surface dimensions	mm	500x1115
Electric power supply	V / Hz	230 / 50 Sph
		230 / 60 Sph
		110 / 50 Sph
		115 / 60 Sph
Motor power rate	kW	1.5
Motor speed	rpm	2800
Running current 230 V (110/115 V)	A	9.4 (15.4)
Water pump		IP67, flow rate 13 l/min
Water recovery tray capacity	l	40
Machine dimensions	mm	636/1420/619
Packing dimensions	mm	669/1454/654
Stand dimensions	mm	545/1060/750
Machine weight (with packing)	kg	53 (65)
Stand weight	kg	16
Optional surface weight (with packing)	kg	6.2 (6.7)
SPL in operator's position	dB(A)	86
Max. stackability*		3 (h 2190 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor, 1.5 kW with thermal protection and minimum voltage coil
- ✓ IP 55 switch
- ✓ IP 67 plug
- ✓ Laser pointer
- ✓ Cutting guide
- ✓ Diamond blade Ø 250 mm PREMIUM for gres hard porcelain - continuous rim
- ✓ Protractor with large support surface
- ✓ Anodised extruded aluminium cutting surface
- ✓ Shatter-resistant plastic tray to contain and recover water
- ✓ Stand with two rubber wheels
- ✓ Side cutting surface
- ✓ Tile locking tool

Optional Accessories and recommended blades

- ✓ Side cutting surface
- ✓ Rip guide
- ✓ Tile locking tool
- ✓ Diamond blade Ø 250 mm PREMIUM for gres hard porcelain - continuous rim
- ✓ Diamond blade Ø 250 mm FLEX for ceramic - continuous rim

Applications

For a quality cut even on large tiles: 300x600 mm, 900x900 mm and over. Max. cutting length 1500 mm.

They offer high cutting capacity: the blade is suitable for all types of material to be cut. Cuts (90°) vertically to the support surface or cuts in tilted position between 90° and 45° (depth adjustment is maintained in all positions).

Side cutting surface allows to extend cutting, maintaining stability, due to a bracket bolted onto the stand. The machine can mount up to 2 side cutting surfaces and is shipped in a box with stand included.



TILE, MASONRY & SLAB SAWS

COMBI 250-1500 VA			
Blade/bore diameter	Ø mm	250/25.4	
Cutting length (with/without plunging blade 2 passes)	mm	1430/1530	
Cutting depth 1 pass	mm	66	
Cutting depth 2 passes	mm	105	
Cutting surface dimensions	mm	500x1615	
Electric power supply	V / Hz	230 / 50 Sph	
		230 / 60 Sph	
		110 / 50 Sph	
		115 / 60 Sph	
Motor power rate	kW	1.5	
Motor speed	rpm	2800	
Running current 230 V (110/115 V)	A	9.4 (15.4)	
Water pump		IP67, flow rate 13 l/min	
Water recovery tray capacity	l	55	
Machine dimensions	mm	636/1920/619	
Packing dimensions	mm	669/1954/654	
Stand dimensions	mm	545/1560/750	
Machine weight (with packing)	kg	75 (91)	
Stand weight	kg	17	
Optional surface weight (with packing)	kg	8.0 (8.6)	
SPL in operator's position	dB(A)	86	
Max. stackability*		3 (h 2190 mm)	

(*) Number of stackable pieces and total height including pallet



Handle for long cuts



OFF button incorporated in the handle



Standard protractor



Cutting at 45°



Standard laser pointer

C350 IPOWER

Water-cooled saw with sliding cutting head – blade Ø 350 mm

Standard Equipment

- ✓ Single-phase 230V/50Hz electric motor 2.5 kW
- ✓ IP 55 circuit breaker with no-volt coil
- ✓ IP 67 plug
- ✓ Laser Pointer
- ✓ Blade Ø 350 mm FLEX for bricks/roof tiles/blocks - sectors
- ✓ Large protractor
- ✓ Cutting surface in stainless steel
- ✓ Shatter - resistant plastic tray to contain and recover water
- ✓ Handles and wheels for manual handling and loading on vehicles
- ✓ Folding legs

Optional Accessories and recommended blades

- ✓ Oversized wheels kit
- ✓ Blade Ø 350 mm FLEX for tiles - continuous rim
- ✓ Blade Ø 350 mm PREMIUM for hard gres tiles - continuous rim
- ✓ Blade Ø 350 mm FLEX for bricks/roof tiles/blocks - sectors
- ✓ Blade Ø 350 mm PREMIUM for granite/stone - sectors s. laser

CUTTING LENGTH **120 cm**



C350 IPOWER

Blade/bore diameter	ø mm	350/25.4
Max. cutting length (plunge cutting)	mm	1050 (1200)
Max. cutting depth, 1/2 runs	mm	120/250
Cutting surface dimensions	mm	1390x696
Work table height	mm	785
Electric power supply	V / Hz	230 / 50 Sph 230 / 60 Sph
Motor power rate	kW	2.5
Motor speed	rpm	2800
Running current	A	15
Water recovery tray capacity	l	40
Machine dimensions w/l/h head down (head up)	mm	60/1746/1410(1535)
Packing dimensions w/l/h	mm	746/1770/1080
Machine weight (packed)	mm	113 (133)
Max. stackability*		2 (h 2400 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Single-phase electric motor: 230V/60Hz 2.2 kW or 115V/60 Hz 1.5 kW
- ✓ IP55 plug
- ✓ Diamond blade Ø 350 mm for brick/roof tiles/blocks - segments
- ✓ Shatter-resistant plastic tray to contain and recover water
- ✓ Transport handle and wheels for manual handling and loading
- ✓ Folding legs
- ✓ Arm guard
- ✓ Exclusive IMER arm adjustment and locking system
- ✓ Wooden cutting surface
- ✓ Carriage anti-overturning system
- ✓ Large protractor

Optional Accessories and recommended blades

- ✓ Support for cutting at 45°
- ✓ Blade Ø 350 mm FLEX for tiles - continuous rim
- ✓ Blade Ø 350 mm PREMIUM for hard gres tiles - continuous rim
- ✓ Blade Ø 350 mm FLEX for bricks/roof tiles/blocks - segm.
- ✓ Blade Ø 350 mm PREMIUM for granite/stone - segm.

Applications

The Smart Cut 350 14" saw is designed for cutting bricks, stone materials and stones. The tilting cutting head allows for higher speed in performing special cuts like grooves, profiles and cut-outs.



SMART CUT 350 14"

Blade/bore diameter	Ø mm	350/25.4
Max. cutting length	mm	500
Cutting depth, 1/2 passes	mm	107/204
Cutting surface dimensions	mm	510x410
Work table height	mm	847
Electric power supply	V / Hz	230 / 60 Sph 115 / 60 Sph
Motor power rate 230 V (115 V)	kW	2.2 (1.5)
Motor speed	rpm	3400
Running current 230 V (115 V)	A	11.7 (14.4)
Water recovery tray capacity	l	40
Machine dimensions w/l/h	mm	722/1186/850
Packing dimensions w/l/h	mm	750/1200/1000
Machine weight with packing	mm	102
Max. stackability*		2 (h 2000 mm)

(*) Number of stackable pieces and total height including pallet

M400 SMART

Water-cooled saw for slabs - blade Ø 350/400 mm

Standard Equipment

- ✓ Single-phase 230V/50Hz - 2.5 kW electric motor
- ✓ IP 67 plug
- ✓ Blade Ø 400 mm, universal-sectors
- ✓ Shatter-resistant plastic tray to contain and recover water
- ✓ Transport handle and wheels for manual handling and loading
- ✓ Folding legs
- ✓ Arm guard
- ✓ Exclusive IMER arm adjustment and locking system
- ✓ Wooden cutting surface
- ✓ Carriage anti-overturning system
- ✓ Large protractor
- ✓ Submersible water pump (single-phase 230V/50Hz)

Optional Accessories and recommended blades

- ✓ Support for cutting at 45°
- ✓ Oversized wheels kit
- ✓ Blade Ø 350 mm FLEX for tiles - continuous rim
- ✓ Blade Ø 350 mm PREMIUM for granite/stone - segm.
- ✓ Blade Ø 350 mm FLEX for bricks/roof tiles/blocks - segm.
- ✓ Diamond blade Ø 400 mm brick/roof tiles/blocks - segm.

Applications

M400 Smart is designed for cutting bricks, stone materials and stones. Thanks to the interchangeable blade (Ø 350 or 400 mm), it adapts to the many needs of a building site. The tilting cutting head allows for higher speed in performing special cuts like grooves, profiles and cut-outs.



M400 SMART

Blade/bore diameter	Ø mm	350-400/25.4
Max. cutting length (plunge cutting)	mm	750
Max. cutting length	mm	500 (block h 130 mm)
Max. cutting depth, Ø 350 blade 1/2 passes	mm	107/204
Max. cutting depth, Ø 400 blade 1/2 passes	mm	129/250
Cutting surface dimensions	mm	510x410
Work table height	mm	847
Electric power supply	V / Hz	230 / 50 Sph
Motor power rate	kW	2.5
Motor speed	rpm	2800
Running current	A	11.2
SPL in operator's position	dB(A)	86
Water recovery tray capacity	l	40
Machine dimensions w/l/h with lowered/fully raised head	mm	722/1186/1293(1390)
Packing dimensions w/l/h	mm	732/1196/895
Machine weight (with packing)	mm	77 (97)
Max. stackability*		2 (h 2000 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Three-phase 400V/50Hz - 4 kW electric motor
- ✓ IP 67 plug
- ✓ Shatter-resistant plastic tray to contain and recover water
- ✓ Transport handle and wheels for manual handling and loading
- ✓ Folding legs
- ✓ Arm guard
- ✓ Exclusive IMER arm adjustment and locking system
- ✓ Wooden cutting surface
- ✓ Carriage anti-overturning system
- ✓ Large protractor
- ✓ Submersible water pump (single-phase 230V/50Hz)
- ✓ Carriage pushing handle

Optional Accessories and recommended blades

- ✓ Oversize wheels kit
- ✓ Blade Ø 600 mm PREMIUM for blocks - segm./roof tiles/bricks

Applications

Masonry 600 has considerable engine power and great structure resistance, with a low weight. Equipped with folding legs and wheels for handling, the machine can be easily moved by one person. The plastic tank is easy, quick to empty from water and from cutting residues, so you always have an efficient and clean machine without wasting time. Ideal for cutting concrete blocks, stone materials, bricks, stones, roof tiles.



MASONRY 600

Blade/bore diameter	Ø mm	600/25.4
Max. cutting length (plunge cutting)	mm	750
Max. cutting length	mm	460 (block h 200 mm)
Max. cutting depth, Ø 600 blade 1/2 passes	mm	215/300
Cutting surface dimensions	mm	510x410
Work table height	mm	847
Electric power supply	V / Hz	400 / 50 Tph
Motor power rate	kW	4
Motor speed	rpm	1330
Running current	A	9.5
SPL in operator's position	dB(A)	95
Water recovery tray capacity	l	40
Machine dimensions w/l/h with lowered/fully raised head	mm	722/1186/1465(1595)
Packing dimensions w/l/h	mm	732/1196/980
Machine weight (with packing)	mm	92 (112)
Max. stackability*		2 (h 2160 mm)

(*) Number of stackable pieces and total height including pallet

MASONRY 750 PLUS

Water-cooled saw for large-sized blocks and slabs - blade Ø 750 mm

Standard Equipment

- ✓ Three-phase 400V/50Hz (5.5 kW) or single-phase 230V/50Hz (2.2 kW) electric motor
- ✓ IP 67 plug
- ✓ Shatter-resistant plastic tray to contain and recover water, easily removable for cleaning
- ✓ Guide rails for forklift and hooking points for lifting
- ✓ 4 wheels: 2 front 200x50 mm swiveling with brake system and 2 rear 370x60 mm
- ✓ Cutting height adjustment knob from 0 to 300 mm
- ✓ Easily accessible mobile carriage, with locking system for transport
- ✓ Carriage pushing handle 46 cm width
- ✓ Side curtains for the containment and recovery of nebulized water during cutting

Optional Accessories and recommended blades

- ✓ Protractor
- ✓ Blade lateral guards
- ✓ Additional table
- ✓ Support for 45° cutting
- ✓ Diamond blade Ø 750 mm PREMIUM bricks / blocks segm.
- ✓ Diamond blade Ø 750 mm PREMIUM Poroton / stone segm.

Applications

For cutting large materials like structural stone blocks, cement blocks and stone facing. The cutting height is adjustable from 0 to 300 mm. The sturdy structure and the powerful motor of the Masonry 750 Plus ensure excellent efficiency. The single-phase version is a particularly efficient and versatile machine, for working also in places where there is no 400V/50Hz three-phase power supply. The carriage is stable and not subject to deformation thanks to the fixing in the sliding rail with a 6 mm thick steel profile. The 46 cm wide carriage handle allows greater operator's comfort. The two sturdy rear wheels 370x60 mm make the machine more manageable in the movements.

CUTTING HEIGHT **30 cm**



46 cm wide carriage handle for greater operator's comfort.



Sturdy rear wheels 370x60 mm making the machine more manageable in the movements.



Transmission with three toothed belts and keyed pulleys.



Water pump with raised support to prevent sludge suction.

MASONRY 750 PLUS

Blade/bore diameter	ø mm	750/25.4
Cutting length with lowered/raised blade	mm	500/560
Max. cutting height	mm	300
Working surface height	mm	675
Electric power supply	V / Hz	230 / 50 Sph
		230 / 60 Sph
		400 / 50 Tph
		400 / 60 Tph
		220 / 60 Tph
Motor power rate 230V/50Hz / Running current	kW/A	2.2 / 13.8
Motor power rate 400V/50Hz / Running current	kW/A	5.5 / 11.6
Motor speed 230V/50Hz (blade)	rpm	1420 (976)
Motor speed 400V/50Hz (blade)	rpm	1440 (1440)
Tray capacity	l	80
Machine weight for transport	kg	202
SPL in operator's position	dB(A)	95
Machine dimensions w/l/h	mm	850/1550/1600
Packing dimensions w/l/h	mm	840/1450/1600
Max. stackability*		1 (h 1600 mm)

(*) Number of stackable pieces and total height including pallet.

Standard Equipment

- ✓ Three-phase 400V/50Hz (3 kW) or single-phase 230V/50Hz (2.5 kW) electric motor
- ✓ IP55 switch
- ✓ IP 67 plug
- ✓ Adjustable cutting height (H 110 VR PLUS)
- ✓ Steel blade with Widia plates Ø 350 mm x 3.5 - Z = 32 teeth
- ✓ Wide main cutting surface 700x1000 mm
- ✓ Additional snap-mounted rear table
- ✓ Protractor
- ✓ Piece pusher
- ✓ Hooking points for lifting
- ✓ Split pin for locking the blade shaft
- ✓ Complete transparent polycarbonate blade guard

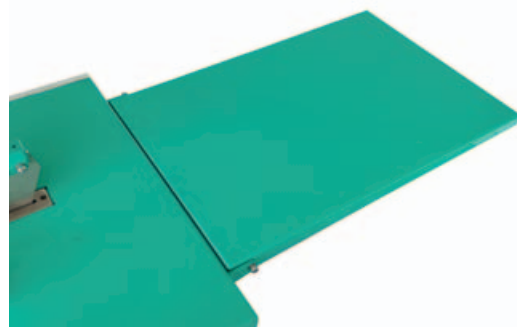
Optional Accessories

- ✓ Wheels and handles kit



Applications

Suited to many applications and needs of wood carpentry cutting at the construction site. The adjustable cutting height (H 110 VR PLUS) and installed power (single-phase and three-phase motors) make it possible to work on wooden planks, site panels and wooden or laminar structural works. Transmission with two trapezoidal belts to reach a max. 110-mm cutting height without transferring motor vibrations to the blade.



Additional rear table (for long pieces), which can be snapped on without the help of any support.

H 110 VF PLUS

H 110 VR PLUS

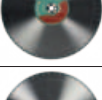
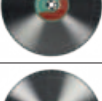
Blade/bore diameter	Ø mm	350/25.4	350/25.4
Blade cutting thickness	mm	3.5	3.5
Cutting depth	mm	110	0 to 110
Cutting surface dimensions	mm	700x1000	700x1000
Size of additional cutting surface	mm	500x740	500x740
Electric power supply	V / Hz	230 / 50 Sph 400 / 50 Tph	230 / 50 Sph 400 / 50 Tph
Motor power rate	kW	2.5 (Sph) / 3 (Tph)	2.5 (Sph) / 3 (Tph)
Blade speed	rpm	2520	2520
Running current	A	15.9 (Sph) / 6.4 (Tph)	15.9 (Sph) / 6.4 (Tph)
SPL in operator's position dB(A)	dB(A)	95	95
Machine weight	kg	90	90
Machine dimensions w/l/h	mm	720/1740/1030	720/1740/1030
Dimensions for transport w/l/h	mm	900/1100/1030	900/1100/1030
Max stackability*		3 (h 1900 mm)	3 (h 1900 mm)

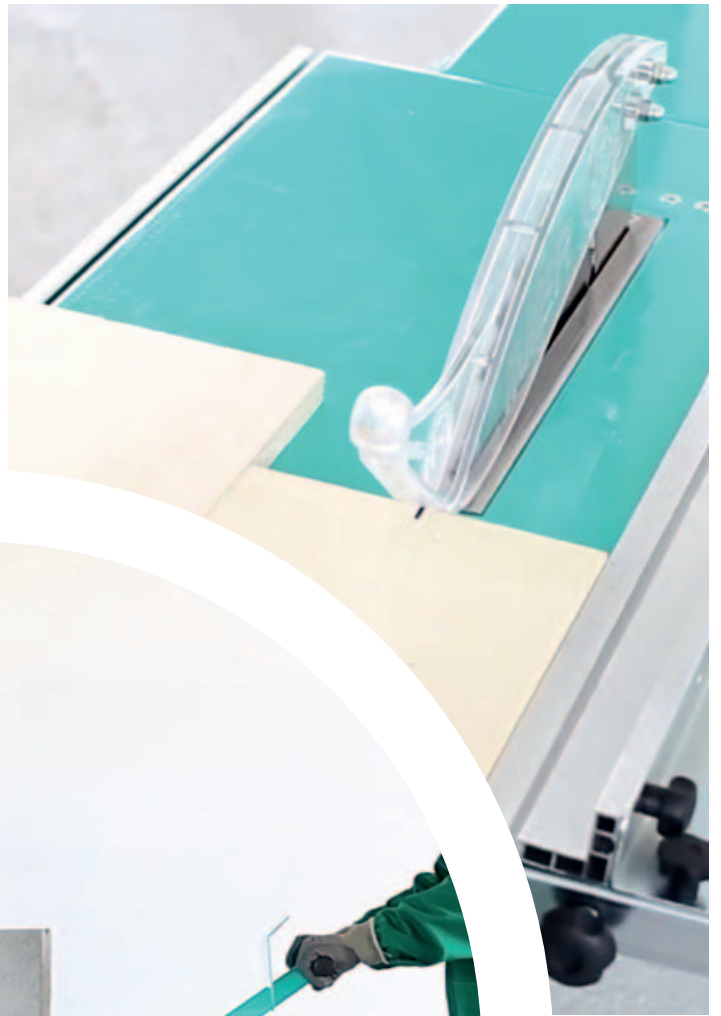
(*) Number of stackable pieces and total height including pallet.



The H 110 VR PLUS is equipped with a lever for adjusting the cutting height from 0 to 110 mm.

Diamond Blades SERIES 3000 (for saws)

	DIAMETER 200	Diamond blade Ø 200 mm FLEX for tiles - continuous rim
		Diamond blade Ø 200 mm PREMIUM for hard gres tiles - continuous rim
	DIAMETER 250	Diamond blade Ø 250 mm FLEX for tiles - continuous rim
		Diamond blade Ø 250 mm PREMIUM for hard gres tiles - continuous rim
		Diamond blade Ø 250 mm FLEX for bricks / roof tiles / blocks - segm.
		Diamond blade Ø 250 mm PREMIUM for granite / stone - segm.
	DIAMETER 350	Diamond blade Ø 350 mm FLEX for tiles - continuous rim
		Diamond blade Ø 350 mm PREMIUM for hard gres tiles - continuous rim
		Diamond blade Ø 350 mm PREMIUM for granite / stone - segm.
		Diamond blade Ø 350 mm FLEX for bricks / roof tiles / blocks - segm.
	DIAMETER 400	Diamond blade Ø 400 mm PREMIUM for granite / stone - segm.
	DIAMETER 500	Diamond blade Ø 500 mm PREMIUM for granite / stone / blocks - segm.
	DIAMETER 600	Diamond blade Ø 600 mm PREMIUM for roof tiles / blocks - segm.
	DIAMETER 700	Diamond blade Ø 700 mm PREMIUM for roof tiles / blocks - segm.
	DIAMETER 750	Diamond blade Ø 750 mm PREMIUM for roof tiles / blocks - segm.
		Diamond blade Ø 750 mm PREMIUM for Poroton / stone - segm.



FLOOR SAWS

FAST SYSTEM FOR LOCKING/UNLOCKING THE HANDWHEEL (PATENTED)

Fast system for locking/unlocking the handwheel that allows to keep the cutting depth set.

DOUBLE VIBRATION DAMPING SYSTEM

Vibration damping both of the blade and the engine through vibration dampers mounted on the engine plate and under the support of the handle. Increased ergonomics and comfort for the operator.

INDICATOR OF THE CUTTING DEPTH

EASY TO HANDLE

When the machine is fully up, the 2 wheels' axes become very narrow. The resulting perfect balance allows to easily move the machine with minimal effort.

AUTOMATIC PARKING BRAKE (PATENTED)

Braking system connected to the lifting wheel of the blade. It acts based on the height of the machine.

CUT GUIDING ROD

Cut guiding rod fixed on two points for better stability and precision.

LIFTING HOOK

Placed under the water tank for the transport of the machine.

WATER TANK (30 LITRES)

Made in Polyethylene, with large capacity (30 litres), fixed with quick joint system. Easy positioning and extraction.

TRANSMISSION BY POLY-V BELT

Quick system to reset the belt tension through the belt tensioner.

HIGH STIFFNESS OF THE CHASSIS

Welded steel chassis with stiffening ribs for an increased stiffness of the structure. The cutting precision is maintained in every working condition.

EASILY REMOVABLE BLADE GUARD

Easily removable blade guard for quick replacement of the cutting blade. Impact protection device for the water connection is integrated on the carpentry.





TERRA 450

Floor saw

Standard Equipment

- ✓ Honda GX 390 petrol engine, 8.7 kW
- ✓ Kohler CH440 petrol engine, 10.5 kW
- ✓ Yanmar L100N Diesel engine, 7.4 kW
- ✓ Removable water tank 30 l
- ✓ Water connection
- ✓ Adjustable handle bar with integrated vibration damping system
- ✓ Cutting depth adjustment system
- ✓ Removable blade guard for cleaning and maintenance
- ✓ **Cutting blade Ø 450 mm asphalt**

Applications

Lightweight, compact and easy to handle. For small repair and maintenance works of industrial floors or roadways.



Recommended blades Ø 450 mm



Cement



Asphalt

TERRA 450			
Engine Power	Honda	kW	8.7
	Kohler		10.5
	Yanmar		7.4
Max. engine speed Honda/Yanmar		rpm	3850
Max. engine speed Kohler		rpm	3600
Starting		-	manual
Forward drive		-	manual
Blade/bore diameter		mm	450/25.4
Max. cutting depth		mm	165
Max. blade speed		rpm	2900
Max. blade peripheral speed		m/sec	68
Lp in operator's position		dB(A)	91
Machine weight	Honda/Kohler	kg	130
	Yanmar		148
Packed machine weight	Honda/Kohler	kg	140
	Yanmar		158
Dimensions with mounted blade and lifted rod w/l/h		mm	610x1347x1226
Packing dimensions w/l/h		mm	670x1205x1224
Max. stackability*			2 (h 2400 mm)

(*) Number of stackable pieces and total height including pallet

Standard Equipment

- ✓ Honda GX 390 petrol engine, 8.7 kW
- ✓ Kohler CH440 petrol engine, 10.5 kW
- ✓ Yanmar L100N Diesel engine, 7.4 kW
- ✓ Removable water tank 30 l
- ✓ Water connection
- ✓ Adjustable handle bar with integrated vibration damping system
- ✓ Cutting depth adjustment system
- ✓ Removable blade guard for cleaning and maintenance
- ✓ **Cutting blade Ø 500 mm asphalt**

Applications

For cutting large concrete and asphalt surfaces.



TERRA 500

Engine Power	Honda	kW	8.7
	Kohler		10.5
	Yanmar		7.4
Max. engine speed Honda/Yanmar		rpm	3850
Max. engine speed Kohler		rpm	3600
Starting		-	manual
Forward drive		-	manual
Blade/bore diameter		mm	500/25.4
Max. cutting depth		mm	190
Max. blade speed		rpm	2900
Max. blade peripheral speed		m/sec	75
Lp in operator's position		dB(A)	91
Machine weight	Honda/Kohler	kg	130
	Yanmar		148
Packed machine weight	Honda/Kohler	kg	140
	Yanmar		158
Dimensions with mounted blade and lifted rod w/l/h		mm	610x1376x1235
Packing dimensions w/l/h		mm	670x1205x1224
Max. stackability*			2 (h 2400 mm)

(*) Number of stackable pieces and total height including pallet

Recommended blades Ø 500 mm



Cement



Asphalt

MINI-DUMPERS

SIMPLE AND INTUITIVE CONTROLS

The control console is simple and intuitive. The control lever protection bar is a convenient armrest for the operator, while the control levers are connected directly to the control valve to ensure an accurate, progressive response.

PETROL / DIESEL / ELECTRIC ENGINES

Taurus models are available with various engines: petrol, diesel or electric. In the electric models, the high-density lithium cell batteries allow a high charging capacity, guaranteeing zero emissions and maximum productivity.

FOLDABLE FOOTPLATE

The foldable footplate (optional for Taurus 500) is spring-damping to prevent vibrations from being transmitted to the body. The footplate conveniently folds out of the way when the machine is operated from the ground to prevent accidental contact with the operator's legs. When the machine is driven with the operator on board, the footplate is automatically locked in the open position to protect it from being closed accidentally.

STCS TRACK TENSIONING

The innovative STCS (Self Tension Crawler System) track system ensures the rubber tracks are always perfectly tensioned, easily adjusted via a bolt on the lower carriage.

HIGH DISCHARGE (HT MODEL)

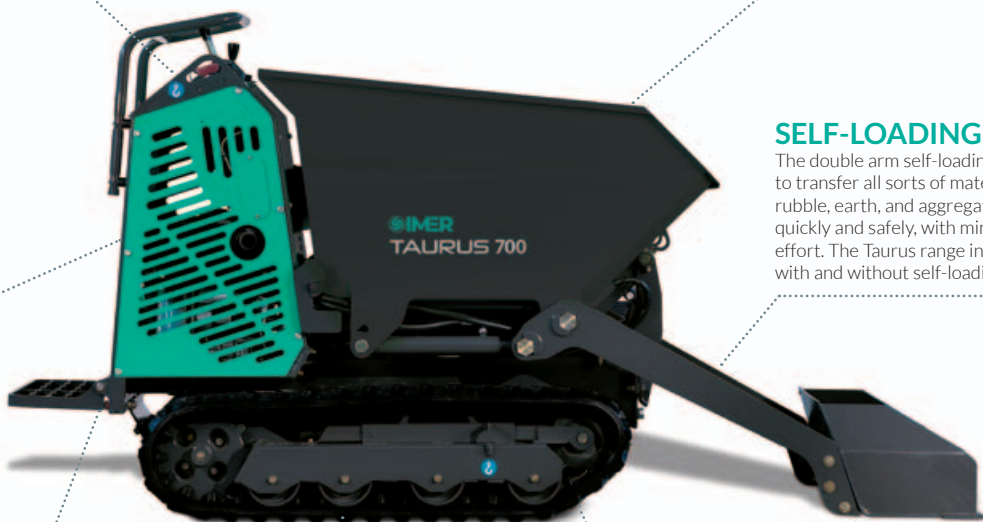
The Taurus 700 HT model is ideal for transporting and handling materials. The "hi-tip" kit helps to empty the skip from above in the desired points, directly on the truck and in the appropriate collection bins. The position of the raised skip makes the machine suitable for working on flat or moderately uneven surfaces.

SELF-LOADING SHOVEL

The double arm self-loading shovel allows to transfer all sorts of material, such as rubble, earth, and aggregate, into the skip quickly and safely, with minimum operator effort. The Taurus range includes models with and without self-loading shovel.

EXTENDABLE UNDERCARRIAGE

In the models where it is provided, the extendable undercarriage from 760 to 1060 mm with hydraulically adjustable width guarantees greater stability on sloping, uneven or particularly soft terrain.





TAURUS 500

Mini-dumper 500 kg

Standard Equipment

- ✓ Skip fitted to mount self-loading shovel
- ✓ Sealed wheel bearings to prevent ingress of dirt
- ✓ Hardened driving wheels for longer life
- ✓ STCS (Self Tension Crawler System)

Applications

The Taurus 500 mini-dumper is a highly agile and versatile machine, ideal for transporting and moving various kinds of materials around the building and road construction sites and in places that are difficult to access. Thanks to the 690 mm undercarriage with large-size sprocket and 3 rollers on either side, Taurus 500 is perfectly at home on all kinds of terrain, including steep gradients. The travel speed of 0-2.5 km/h guarantees maximum operating capability and top grade performance.

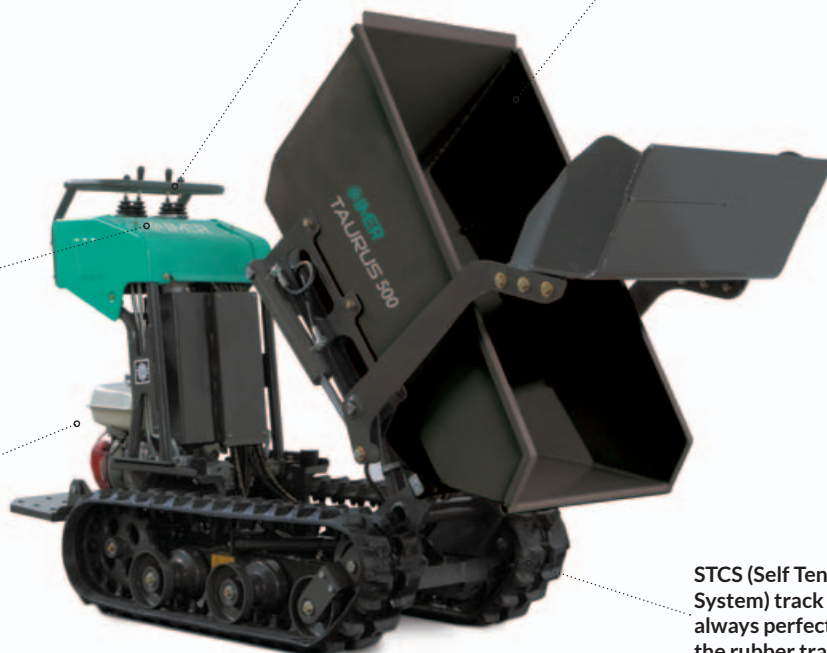


Simple and user-friendly control panel

Extremely compact dimensions and limited weight

Manual parking brake

The amount of oil in the machine's hydraulic circuit is such to allow long intervals between servicing



STCS (Self Tension Crawler System) track system ensuring always perfect tensioning of the rubber tracks



Loading bed with opening sides

The loading bed is suitable for transporting construction materials and bulky materials, transporting and unloading materials for the consolidation of roads, with the possibility of unloading even partially in the needed points without having to carry out any positioning maneuvers.



Engine

The Taurus 500 mini-dumper has a Honda 4.7 kW petrol engine with pull-cord starter.



Safety and Standards

The engine is a low noise version which meets established noise pollution standards. The engine is mounted on vibration dampers to significantly reduce the amount of vibration transmitted.



Limited Weight

The Taurus 500 mini-dumper has a total weight of only 345 kg, complete with skip and self-loading shovel. Designed to satisfy all worksite requirements.



Full accessibility

The amount of oil in the machine's hydraulic circuit is such to allow long intervals between servicing. All parts requiring inspection and servicing are easily accessible.



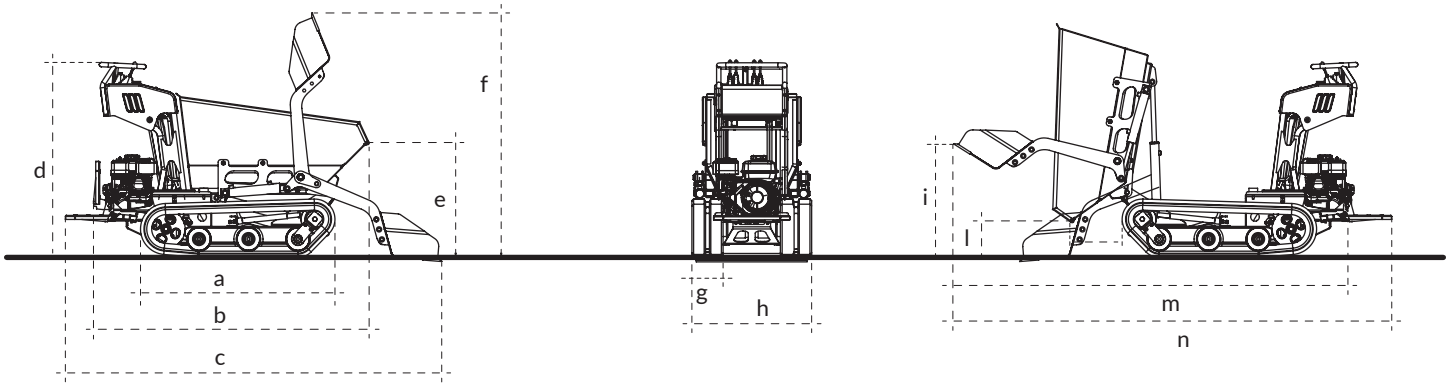
STCS track tensioning

The innovative STCS (Self Tension Crawler System) track system ensures the rubber tracks are always perfectly tensioned, easily adjusted via a bolt on the lower carriage.



Parking brake

The manual parking brake prevents the drive from running by mechanically locking the LH wheel.



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n
1141	1589	2167	1132	674	1433	180	690	671	220	2371	2533

TAURUS 500		
C-B5 CP-B5 A-B5		
Engine		Honda GX200 petrol
Engine power	kW / rpm	4.7 / 3600
Starter		pull-cord
Operating load	kg	500
Skid capacity	m ³	0.22
Speed	km / h	0 / 2.5
Max allowed slope when empty (guide with operator on the ground, where applicable)		20° - 36% *
Max allowed slope when loaded (guide with operator on the ground, where applicable)		11° - 20% *
Loading bed dimensions with closed sides l/w/h (with opening sides l/w)	mm	900/620/200 (1120/1150)
Controls		DCS (Direct Control System)
Hydraulic tank capacity	l	15
Traction motor		Orbital
Machine weight with tipping bucket	kg	290
Machine weight with tipping bucket and self-loading shovel	kg	345
Machine weight with loading bed with opening sides	kg	305

(*) Variable based on the configuration

CODE	DESCRIPTION
1108024	TAURUS 500 C-B5 Honda GX200 petrol engine, tipping bucket
1108004	TAURUS 500 CP-B5 Honda GX200 petrol engine, tipping bucket and self-loading shovel
1108052	TAURUS 500 A-B5 Honda GX200 petrol engine, loading bed with opening sides

Accessories

CODE	DESCRIPTION
1108012	Foldable footplate kit TAURUS 500
1108150	Self-loading shovel TAURUS 500
1108151	Loading bed with opening sides TAURUS 500

TAURUS 700

Mini-dumper 700 kg

Standard Equipment

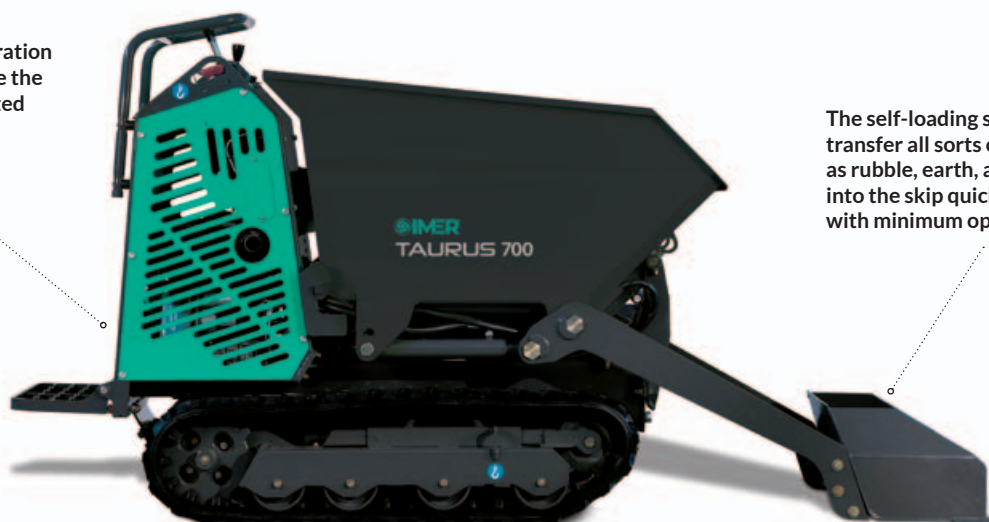
- ✓ Skip fitted to mount self-loading shovel
- ✓ Sealed wheel bearings to prevent ingress of dirt
- ✓ Hardened driving wheels for longer life
- ✓ STCS (Self Tension Crawler System)
- ✓ Shovel arms with double attachment yoke
- ✓ Hydraulic quick-coupling for shovel system release
- ✓ Steel bearings with greasing points at pivot points
- ✓ Removable engine bonnet for better access for checks, servicing and refuelling
- ✓ Standard 14 L / min flow rate power take-off
- ✓ Exhaust pipe with elbow to discharge towards the ground
- ✓ Foldable non-slip footplate kit

Applications

The Taurus 700 mini-dumper is the ideal solution for the transportation and handling of various types of material on site and in places where access is difficult. It is completely at ease on any terrain, including tough slopes, steps and ramps. Two travel speeds ensure maximum operating efficiency even on very large sites. The reduced noise level enhances operator comfort and makes the machine suitable for use even in urban centres.



Engine with reduced noise emissions and mounted on vibration dampers to significantly reduce the amount of vibrations transmitted



The self-loading shovel can transfer all sorts of material, such as rubble, earth, and aggregate, into the skip quickly and safely, with minimum operator effort



Engine options

The Taurus 700 mini-dumper is equipped with a Honda 6 or 8.2 kW petrol engine, with recoil or electric start, or a Yanmar 7.4 kW diesel engine, with electric start, for reduced fuel consumption and longer operating. Taurus 700 is equipped as standard with a hydraulic power take-off providing a flow rate of 14 litres/min. The engine is completely protected and enclosed between fixed side panels and a removable front bonnet.

Tackles any slope

Thanks to the large undercarriage, the large driving sprocket and 4 track rollers per side, Taurus 700 is completely at ease on any terrain, including tough slopes, steps and ramps.



Designed with the operator in mind

The steering handle is mounted on dampers to reduce the vibration transmitted to the arms and upper body, ensuring total operator comfort. Even the structure of the spring-damping footplate prevents vibrations from being transmitted to the body. The footplate conveniently folds out of the way when the machine is operated from the ground to prevent accidental contact with the operator's legs. When the machine is driven with the operator on board, the footplate is automatically locked in the open position to protect it from being closed accidentally.

Simple, intuitive controls

The control console is simple and intuitive. The control lever protection bar is a convenient armrest for the operator, while the control levers are connected directly to the control valve to ensure an accurate, progressive response.



250 L Concrete mixer kit

The perfect accessory for mixing small batches of concrete for construction and transporting them to the place of use. Excellent for renovation projects calling for small quantities of concrete in various positions, also widely spaced.



Loading bed with opening sides

The version with loading bed reaches a surface of 1240 x 1290 mm. The loading bed is suitable for transporting construction materials and bulky materials, transporting and unloading materials for the consolidation of roads, with the possibility of unloading even partially in the needed points without having to carry out any positioning maneuvers.

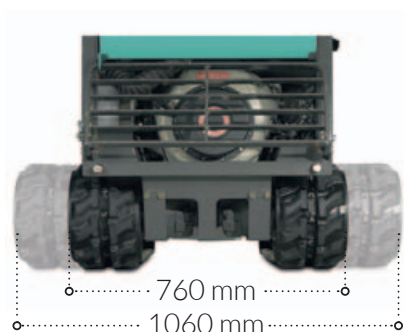


Front levelling blade

The front blade is a multifunctional interchangeable accessory suitable for levelling soils and conglomerates. The possibility of being inclined on both sides by 30° and the horizontal tilting with spring return make it particularly suitable for clearing of snow. The accessory is equipped with two sliding supports which enable it to be detached from the mini-dumper without the need for additional lifting equipment.

TAURUS 700

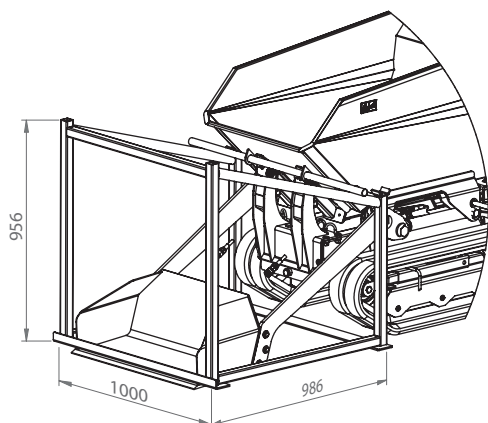
Mini-dumper 700 kg



Extendable undercarriage

Accessory assembly-disassembly kit

Specific optional equipment for assembly and disassembly of accessories in the absence of appropriate lifting systems.

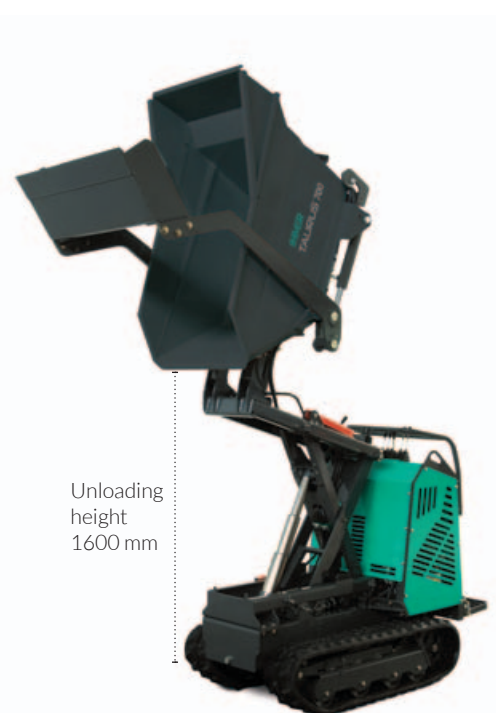


Honda hour meter/rev counter kit

Standard on Taurus 700 petrol and diesel versions. This kit enables the operator to view the engine rpm when the engine is running. When the engine is stopped, the hour meter is displayed.

Hi-Flow Kit

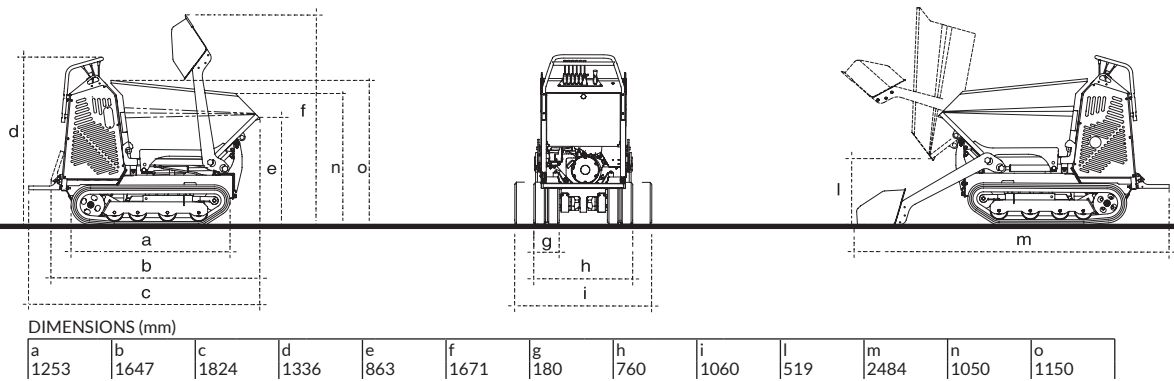
Additional kit of hydraulic components, which allows an increased one-way flow rate of around 26 l/min for auxiliary hydraulic services. When fitted with this kit, Taurus 700 can be used when stationary with a wide range of tools: hand operated hydraulic auger, demolition hammer, hydraulic drill, pump for muddy water.



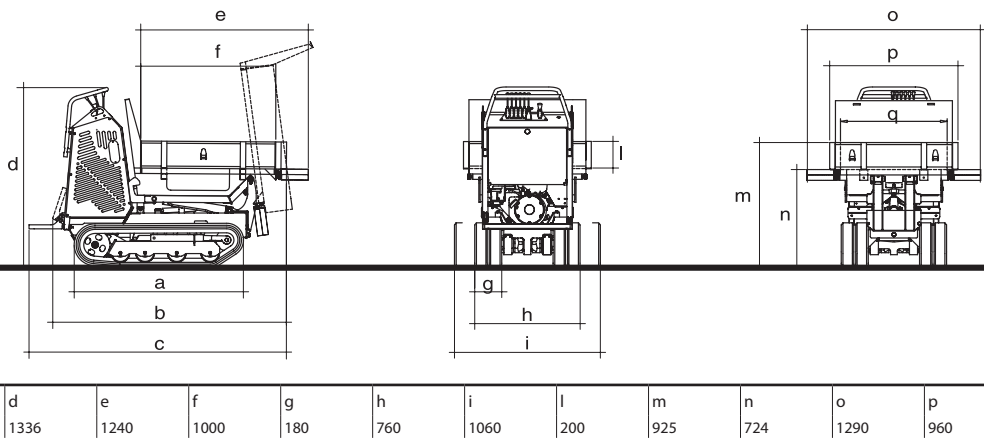
HT model with high discharge

The Taurus 700 HT model is ideal for transporting and handling materials. The "hi-tip" kit helps to empty the tipping bucket from above where desired, directly on the truck and into specific skips.

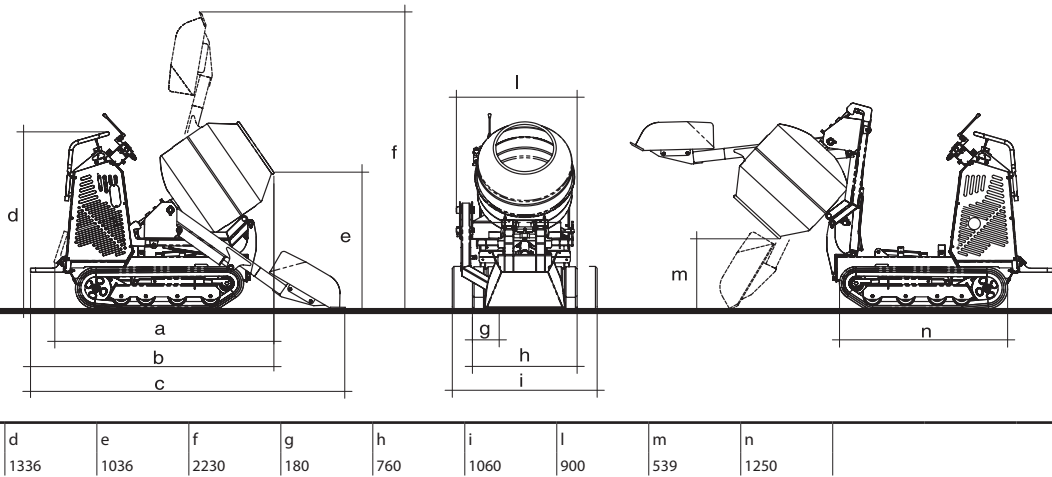
TAURUS 700 / tipping bucket with self-loading shovel



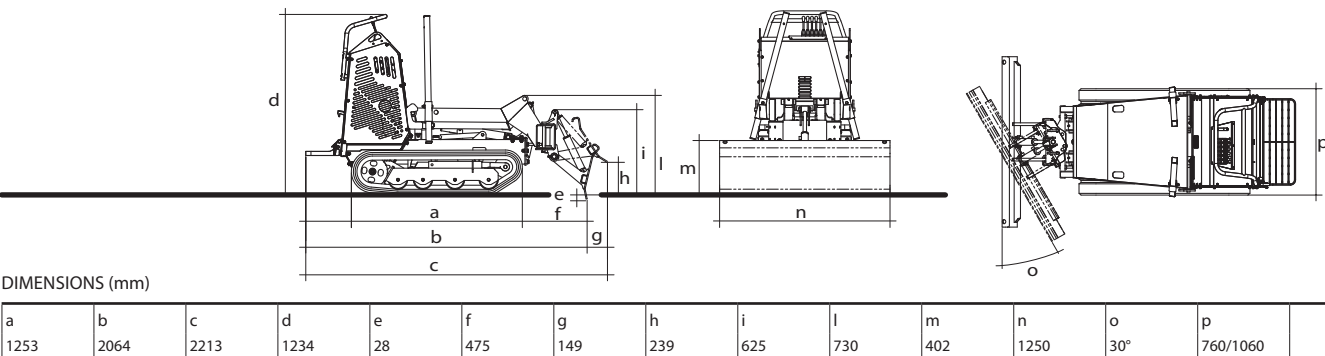
TAURUS 700 / loading bed with opening sides



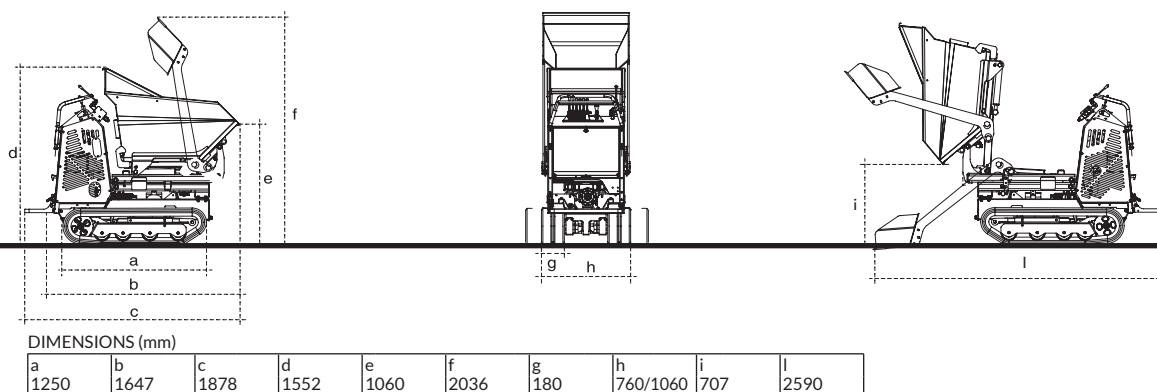
TAURUS 700 / concrete mixer with self-loading shovel



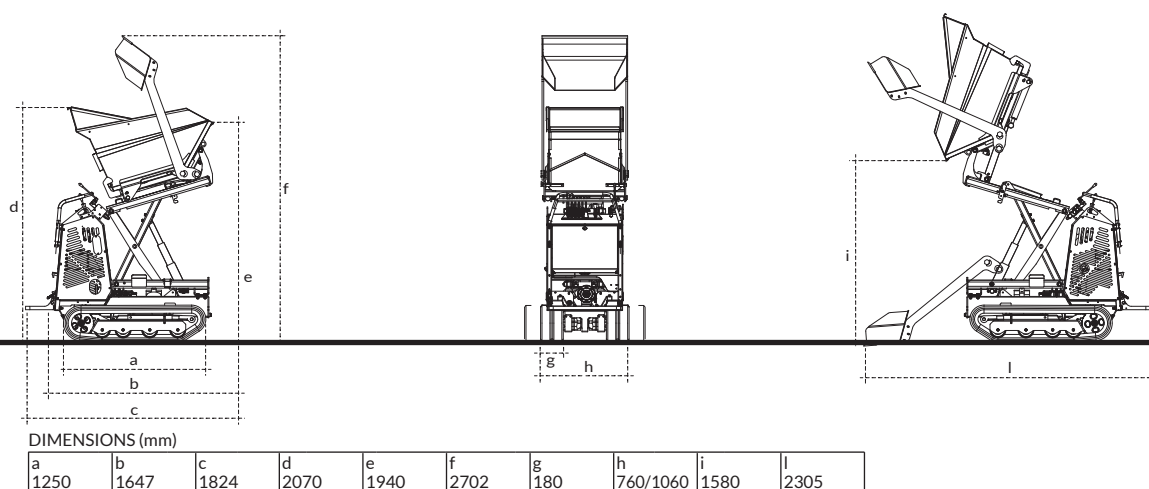
TAURUS 700 / levelling blade



TAURUS 700 HT / tipping bucket with self-loading shovel



TAURUS 700 HT / raised tipping bucket with self-loading shovel



		TAURUS 700			TAURUS 700 HT
		Petrol - 8 HP	Petrol - 11 HP	Diesel - 10 HP	Petrol - 11 HP Diesel - 10 HP
		C-B8 CE-B8 CP-B8 CPE-B8 A-B8 AE-B8	C-B11AE CE-B11AE CP-B11AE CPE-B11AE A-B11AE AE-B11AE	C-D10AE CE-D10AE CP-D10AE CPE-D10AE A-D10AE AE-D10AE	CE-B11AE CPE-B11AE CPE-D10AE
Engine		Honda GX270 petrol	Honda GX390 petrol	Yanmar L100 diesel	Honda GX390 petrol / Yanmar L100 diesel
Engine power	kW / rpm	6 / 3600	8.2 / 3600	7.4 / 3600	8.2 / 3600 (petrol) 7.4 / 3600 (diesel)
Operating load	kg	700	700	700	700
Skid capacity	mc	0.33	0.33	0.33	0.33
Hydraulic extension (in models with extendable undercarriage)	mm	760 / 1060	760 / 1060	760 / 1060	760 / 1060
Speed	km / h	2.3 / 3.2	2.3 / 3.2	2.3 / 3.2	2.3 / 3.2
Max allowed slope when empty (guide with operator on the ground, where applicable)		20° - 36% *	20° - 36% *	20° - 36% *	15° - 26% *
Max allowed slope when loaded (guide with operator on the ground, where applicable)		11° - 20% *	11° - 20% *	11° - 20% *	7° - 12% *
Concrete mixer kit (drum capacity/yield capacity)	l	250 / 190	250 / 190	250 / 190	250 / 190
Loading bed dimensions with closed sides l/w/h (with opening sides l/w)	mm	990/790/200 (1240/1290)	990/790/200 (1240/1290)	990/790/200 (1240/1290)	-
Controls		DCS (Direct Control System)	DCS (Direct Control System)	DCS (Direct Control System)	DCS (Direct Control System)
Hydraulic tank capacity	l	17	17	17	17
Traction motor		Orbital	Orbital	Orbital	Orbital
Batteries	V / Ah	-	12 / 60	12 / 60	12 / 60
Machine weight with tipping bucket (with extendable undercarriage)	kg	488 (538)	508 (558)	530 (580)	675 (petrol) / 697 (diesel)
Machine weight with tipping bucket and self-loading shovel (with extendable undercarriage)	kg	558 (608)	578 (628)	600 (650)	740 (petrol) / 762 (diesel)
Machine weight with loading bed with opening sides (with extendable undercarriage)	kg	505 (555)	525 (575)	547 (597)	-

(*) Variable based on the configuration

CODE	DESCRIPTION
TAURUS 700 PETROL HONDA GX270 8HP	
1108022	TAURUS 700 C-B8 Honda GX270 petrol engine, tipping bucket
1108002	TAURUS 700 CP-B8 Honda GX270 petrol engine, tipping bucket and self-loading shovel
1108088	TAURUS 700 A-B8 Honda GX270 petrol engine, loading bed with opening sides
TAURUS 700 PETROL HONDA GX270 8HP extendable undercarriage	
1108089	TAURUS 700 CE-B8 Honda GX270 petrol engine, tipping bucket, extendable undercarriage
1108090	TAURUS 700 CPE-B8 Honda GX270 petrol engine, tipping bucket and self-loading shovel, extendable undercarriage
1108091	TAURUS 700 AE-B8 Honda GX270 petrol engine, loading bed with opening sides, extendable undercarriage
TAURUS 700 PETROL HONDA GX390 11HP electric start	
1108077	TAURUS 700 C-B11AE Honda GX390 petrol engine, electric start, tipping bucket
1108001	TAURUS 700 CP-B11AE Honda GX390 petrol engine, electric start, tipping bucket and self-loading shovel
1108078	TAURUS 700 A-B11AE Honda GX390 petrol engine, electric start, loading bed with opening sides
TAURUS 700 PETROL HONDA GX390 11HP electric start, extendable undercarriage	
1108086	TAURUS 700 CE-B11AE Honda GX390 petrol engine, electric start, tipping bucket, extendable undercarriage
1108021	TAURUS 700 CPE-B11AE Honda GX390 petrol engine, electric start, tipping bucket and self-loading shovel, extendable undercarriage
1108085	TAURUS 700 AE-B11AE Honda GX390 petrol engine, electric start, loading bed with opening sides, extendable undercarriage
TAURUS 700 DIESEL YANMAR L100N 10HP electric start	
1108068	TAURUS 700 C-D10AE Yanmar L100N diesel engine, electric start, tipping bucket
1108000	TAURUS 700 CP-D10AE Yanmar L100N diesel engine, electric start, tipping bucket and self-loading shovel
1108072	TAURUS 700 A-D10AE Yanmar L100N diesel engine, electric start, loading bed with opening sides
TAURUS 700 DIESEL YANMAR L100N 10HP electric start, extendable undercarriage	
1108073	TAURUS 700 CE-D10AE Yanmar L100N diesel engine, electric start, tipping bucket, extendable undercarriage
1108074	TAURUS 700 CPE-D10AE Yanmar L100N diesel engine, electric start, tipping bucket and self-loading shovel, extendable undercarriage
1108075	TAURUS 700 AE-D10AE Yanmar L100N diesel engine, electric start, loading bed with opening sides, extendable undercarriage
TAURUS 700 HT high discharge, electric start, extendable undercarriage	
1108084	TAURUS 700 HT CE-B11AE Honda GX390 petrol engine, electric start, tipping bucket, extendable undercarriage, HI-TIP high discharge
1108023	TAURUS 700 HT CPE-B11AE Honda GX390 petrol engine, electric start, tipping bucket and self-loading shovel, extendable undercarriage, HI-TIP high discharge
1108076	TAURUS 700 HT CPE-D10AE Yanmar L100N diesel engine, electric start, tipping bucket and self-loading shovel, extendable undercarriage, HI-TIP high discharge

Accessories

CODE	DESCRIPTION
1108158	Self-loading shovel for concrete mixer TAURUS 700
1108011	250L concrete mixer and self-loading shovel kit TAURUS 700
1108155	Hi-Flow kit TAURUS 700
1108010	Accessories mounting kit TAURUS 700

Accessories TAURUS 700 HT

CODE	DESCRIPTION
1108155	Hi-Flow kit TAURUS 700
1107720	HI-TIP accessories mounting kit TAURUS 700 HT

CODE	DESCRIPTION
1108156	Front levelling blade kit TAURUS 700
1108160	Tipping bucket TAURUS 700
1108161	Self-loading shovel TAURUS 700
1107721	Loading bed with opening sides TAURUS 700

CODE	DESCRIPTION
1108157	Self-loading shovel TAURUS 700 HT
1108015	250L concrete mixer and self-loading shovel kit TAURUS 700 HT

TAURUS 1000

Mini-dumper 1000 kg

Standard Equipment

- ✓ Skip fitted to mount self-loading shovel
- ✓ Skip with rounded corners to facilitate material unloading
- ✓ Hardened driving wheels for longer life
- ✓ STCS (Self Tension Crawler System)
- ✓ Shovel arms with double attachment yoke
- ✓ Hydraulic quick-coupling for shovel system release
- ✓ Tipping accessories support frame; rapid accessories changeover
- ✓ Inclinator to check the working slope
- ✓ Steel bearings with greasing points at pivot points
- ✓ Standard up to 26 l / min flow rate power take-off
- ✓ Bi-directional/mono-directional power take-off for demolition hammer/concrete mixer
- ✓ Exhaust pipe with elbow to discharge towards the ground
- ✓ Cartridge air filter with visual clog indicator
- ✓ Combined water/oil cooler
- ✓ Larger foldable footplate kit for stable and safe use

Applications

Taurus 1000 is a super versatile minidumper, thanks to the large number of accessories such as the skip for construction, the concrete mixer kit, the unloading bed with trilateral unloading and the multitools arm for the bucket, the hammer, the grass cutter. The wide availability and easy interchangeability of accessories make Taurus 1000 a unique model for every kind of work on construction site. The machine is equipped with transmission hydrostatic with two independent circuits with piston pump variable displacement axial engines and axial piston hydraulic motor with two displacements for each track. The parking brake mechanical with negative hydraulic control ensures stopping of the machine even on steep slopes.

The ergonomic position of the hydraulic servo-commands allows the operator to drive the machine safely on difficult terrain.



Standard power take-off with one-way or two-way motion and flow rate increased up to 26 L / min. It is possible to use it with accessories such as the concrete mixer or the multitools arm kit, or with various hydraulic and manual tools such as hammer, pumps and drill.

The central oscillating rollers provide a larger support surface and greater comfort compared to the fixed rollers.



Engine

Taurus 1000 features a Yanmar TNM68 Tier 4 diesel 13.8 kW engine, with electric start. The diesel fuel filter is equipped with a water separator and a cartridge air filter with clog indicator, which protect the engine from damage or premature wear.



Safety and Standards

In compliance with the existing regulations, safety is ensured by an engine with contained emissions mounted on dampers to minimise vibrations transmitted to the supporting frame, and by the engine compartment insulated with panelling to prevent accidental contact with hot or moving surfaces.



Ideal for steep slopes

Thanks to the length of the tracks and to the 4 roll support on both sides, the machine is able to easily and safely move loads even on impracticable ground at full load up to a maximum slope of 20°.



Operator and Comfort

The steering handle is mounted on dampers to reduce the vibration transmitted to the arms and upper body, ensuring total operator comfort. Even the structure of the spring-damping footplate prevents vibrations from being transmitted to the body. The footplate conveniently folds out of the way when the machine is operated from the ground to prevent accidental contact with the operator's legs. When the machine is driven with the operator on board, the footplate is automatically locked in the open position to protect it from being closed accidentally.



User-Friendly Control Console

The control console is well placed and easily accessible. All function indicators are protected but clearly visible to the operator from any position. The electrical panel is separated from the dashboard.



Version with tipping bucket and self-loading shovel

The ideal solution for transporting and moving bulk materials in general such as demolition rubble, from confined spaces to the point of collection, building materials from the unloading or storage positions to points of use that cannot be reached with other types of vehicles. The operation can be performed also by just one operator. The self-loading shovel can transfer into the skip rubble, earth, aggregate and anything else quickly, safely and without any effort for the operator.

Version with trilateral unloading bed with opening sides

The version with unloading bed, in addition to having opening sides, allows the bed to be tipped on all 3 sides, ensuring maximum versatility. The trilateral bed is suitable for transporting construction materials and bulky materials, transporting and unloading materials for the consolidation of roads, with the possibility of unloading even partially in the needed points without having to carry out any positioning maneuvers. Not suitable for transporting sand or fine compost.



Wide range of accessories



350 L Concrete mixer kit

Excellent for renovation projects calling for small quantities of concrete in various positions, also widely spaced. The mixing operation, which can be performed by just one operator, can proceed also during travel, resulting in significant savings in labour and execution times.



Brushcutter HY L800

This accessory is ideal for shredding and chopping tall grass, straw, leaves, vine shoots and orchard prunings of small diameter. The cutting height can be regulated by means of a roller and adjustable front wheels.



Snow blower

To remove snow from roads, paths, pavements, forecourts, industrial sites, etc. The accessory is equipped with a working height adjustment system, consisting of lateral slides in order to allow the minimum ground clearance of the augers.

TAURUS 1000

Mini-dumper 1000 kg



Version with Multitools Arm

The special multitools arm allows a wide range of uses of Taurus 1000: a unique machine configurable in different ways to suit all types of construction site work, thanks to the availability and the interchangeability of a large number of accessories.

AVAILABLE ACCESSORIES



BUCKET

The bucket with a width of 940 mm and a capacity of 0.1 m³ facilitates the collection of the material and ensures large versatility in lifting and transport operations.

DIMENSIONS

Arm with bucket: 1840 x 940 x 1393 mm (D x W x H)

Unloading height: 1580 mm

WEIGHT

Multitools arm kit weight: 230 kg

Bucket weight: 45 kg

Weight Taurus 1000 with multitools arm kit and bucket: 965 kg

Struck capacity 0.09 m³ / heaped capacity 0.1 m³



BRUSHCUTTER THME60

Accessory suitable for shredding small and medium sized grassy and woody material. Adjustable cutting height.

DIMENSIONS

Brushcutter working width: 780 mm

WEIGHT

Multitools arm kit weight: 230 kg

Brushcutter weight: 88 kg

Weight Taurus 1000 with multitools arm kit and brushcutter: 1000 kg



HYDRAULIC HAMMER

The ideal accessory for carrying out all professional demolition work in relatively small spaces. Suitable for demolishing concrete, rock and for cutting asphalt.

DIMENSIONS

Total machine length with hammer in horizontal position: 3263 mm

Total machine length with hammer in vertical position: 2099 mm

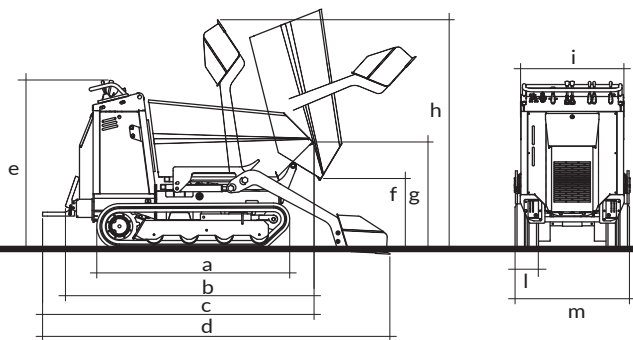
WEIGHT

Multitools arm kit weight: 230 kg

Hydraulic hammer weight: 100 kg

Weight Taurus 1000 with multitools arm kit and hydraulic hammer: 1010 kg

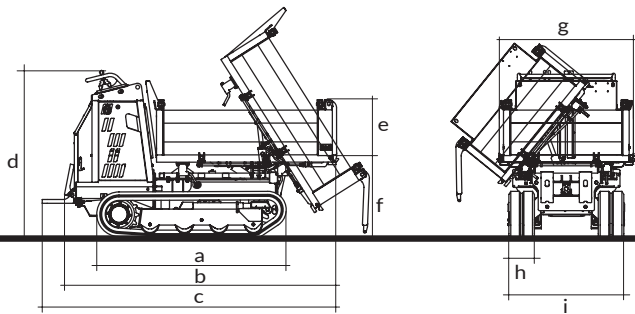
TAURUS 1000 / tipping bucket with self-loading shovel



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	
1485	1915	2130	2710	1320	550	830	1795	790	200	900	

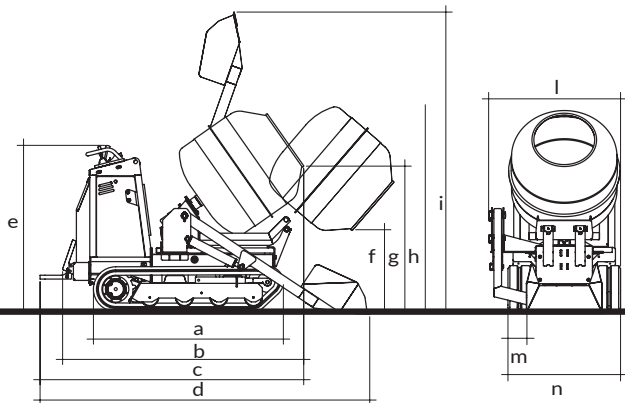
TAURUS 1000 / trilateral unloading bed



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	
1485	2125	2340	1320	350	655	1050	200	900	

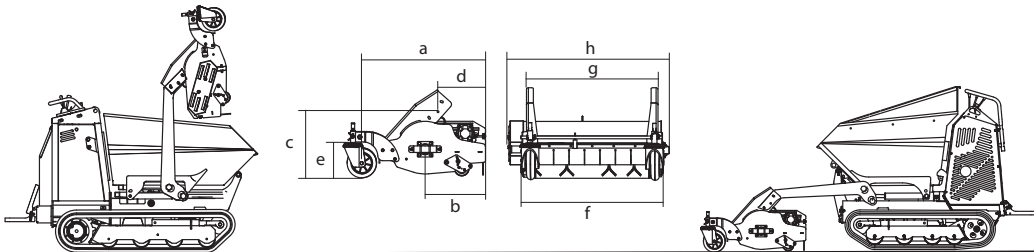
TAURUS 1000 / concrete mixer with self-loading shovel



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l	m	n	
1485	1880	2095	2605	1320	660	1155	1580	2345	1040	200	900	

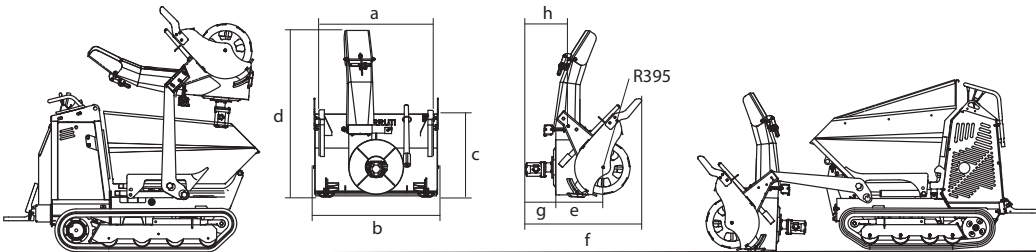
TAURUS 1000 / tipping bucket with brushcutter



DIMENSIONS (mm)

a	b	c	d	e	f	g	h
812	370	403	291	189	800	765	900

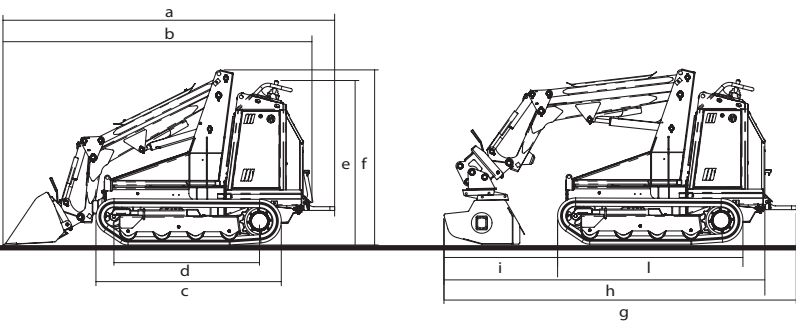
TAURUS 1000 / tipping bucket with snow blower



DIMENSIONS (mm)

a	b	c	d	e	f	g	h
766	905	603	1220	351	851	220	313

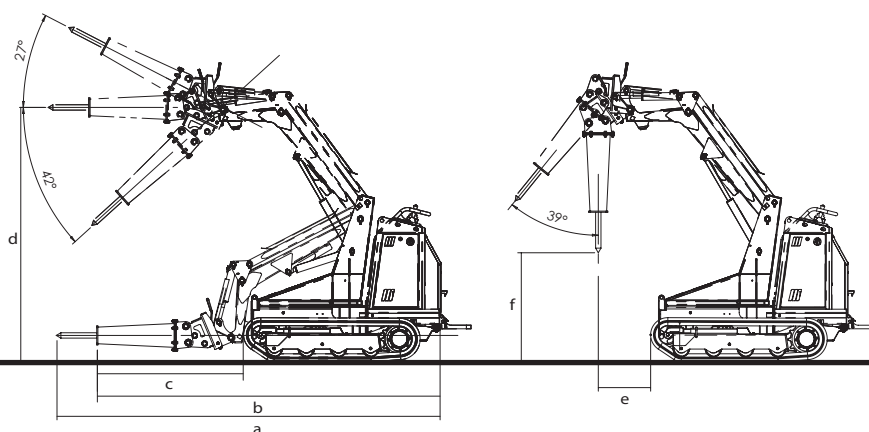
TAURUS 1000 / multitools arm with bucket/brushcutter



DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	l
2655	2473	1485	1165	1316	1401	2820	2568	909	1485

TAURUS 1000 / multitools arm with hydraulic hammer



DIMENSIONS (mm)

a	b	c	d	e	f
3263	2923	1234	2136	440	915

TAURUS 1000		
		C-D19AE CP-D19AE A-D19AE MT-D19AE
Engine		Yanmar TNM68 diesel
Engine power	kW / rpm	13.8 / 3600
Electric start		yes
Operating load	kg	1000
Skid capacity	mc	0.5
Speed	km / h	4
Max allowed slope when empty (guide with operator on the ground, where applicable)		20° - 36% *
Max allowed slope when loaded (guide with operator on the ground, where applicable)		11° - 20% *
Concrete mixer kit (drum capacity/yield capacity)	l	350 / 280
Trilateral unloading bed dimensions l/w/h	mm	1300/970/350
Controls		Servo-assisted hydraulic control
Hydraulic tank capacity	l	19
Traction motor		Wheel drive (axial motor + reduction gear) with brake motor (parking)
Batteries	V / Ah	12 / 60
Machine weight with tipping bucket	kg	830
Machine weight with tipping bucket and self-loading shovel	kg	900
Machine weight with trilateral unloading bed	kg	930

(*) Variable based on the configuration

CODE	DESCRIPTION
1108140	TAURUS 1000 C-D19AE Yanmar TNM68 diesel engine, electric start, tipping bucket
1108141	TAURUS 1000 CP-D19AE Yanmar TNM68 diesel engine, electric start, tipping bucket and self-loading shovel
1108142	TAURUS 1000 A-D19AE Yanmar TNM68 diesel engine, electric start, trilateral unloading bed
1108143	TAURUS 1000 MT-D19AE Yanmar TNM68 diesel engine, electric start, multitools arm

Accessories

CODE	DESCRIPTION
1108180	Accessories mounting kit TAURUS 1000
1108147	Self-loading shovel kit TAURUS1000 (to be assembled on tipping bucket)
1108148	Tipping bucket and self-loading shovel kit TAURUS 1000
1108146	Tipping bucket kit TAURUS 1000

Accessories TAURUS 1000 MT multitools arm

CODE	DESCRIPTION
1108183	Multitools arm kit TAURUS 1000 (with addition of the accessories listed below)
1108186	Bucket width 940 mm TAURUS 1000 MT
1108187	Brushcutter THME60 TAURUS 1000 MT

CODE	DESCRIPTION
1108185	350L concrete mixer and self-loading shovel TAURUS 1000
1108182	Trilateral unloading bed TAURUS 1000
1108170	Brushcutter HY L800 TAURUS 1000 (**)
1108171	Snow blower HY L900 TAURUS 1000 (**)
(**) It can only be mounted with the self-loading shovel if not already installed on the mini-dumper.	

CODE	DESCRIPTION
1108188	Hammer SH950 TAURUS 1000 MT
1108189	Hammer/brushcutter holder kit TAURUS 1000 MT to be used with code 1108187 / 1108188

TAURUS 500 ELECTRIC

Mini-dumper 500 kg - electric, lithium batteries

ZERO EMISSIONS

Standard Equipment

- ✓ Skip fitted to mount self-loading shovel
- ✓ Sealed wheel bearings to prevent ingress of dirt
- ✓ Hardened driving wheels for longer life
- ✓ STCS (Self Tension Crawler System)
- ✓ Lithium (NCM/NCA) 4kWh 80Ah 50V rated batteries (2 battery packs)
- ✓ Portable battery charger 25A/50V (external to the machine)
- ✓ Display with charge level indicators



Applications

Zero emissions and maximum productivity. It is the ideal solution for any type of construction site requiring compact units and rigid limitations in terms of respect for the environment. The mini-dumper Taurus 500 Electric is equipped with two interchangeable battery packs, making it always available to work on any construction site, without long breaks necessary for charging. Automatic idle and intelligent speed control ensure efficiency by maximizing productivity. Low level of noise and vibration. Lower operating costs compared to corresponding machines with internal combustion engines (no filters, engine oil and spark plugs).

3 speeds

Three electric speeds selectable based on the type of work to be done.

Display on the console

It allows to check the battery charge percentage and the main machine parameters.

Autoidle function

The automatic idle function, which can be deactivated if necessary, decreases the engine revolutions in stall or low load conditions to reduce battery consumption.



TAURUS 500 ELECTRIC		
		C-Electric CP-Electric A-Electric
Engine		E-Power
Engine power	kW/rpm	3 (Peak) / 3000
Operating load	kg	500
Skid capacity	mc	0.22
Max travel speed	km / h	2
Max allowed slope when empty (guide with operator on the ground, where applicable)		20° - 36%*
Max allowed slope when loaded (guide with operator on the ground, where applicable)		11° - 20%*
Loading bed dimensions with closed sides l/w/h (with opening sides l/w)	mm	900/620/200 (1120/1150)
Controls		DCS (Direct Control System)
Hydraulic tank capacity	l	15
Batteries		Lithium (NCM/NCA) 4kWh 80Ah 50V rated (std. 2 battery packs)
Battery charger		25A/50V
Charge time	h	2
Battery duration (with Duty Cycle K1)	h	2.5
Speed control		3 speed selector
Traction motor		Orbital
Machine weight with tipping bucket	kg	330
Machine weight with tipping bucket and self-loading shovel	kg	385
Machine weight with loading bed with opening sides	kg	345

(*) Variable based on the configuration

Lithium batteries

- 2 interchangeable and removable batteries, with high charging capacity and fast charging
- Low weight and maintenance-free
- Machine operation even with 1 battery
- Integrated battery charger on board with plug for connection to 230V/50Hz mains and LED to indicate charging in progress
- Full operation even at very low temperatures thanks to the internal heating circuit of the batteries
- BMS electronic system (Battery Management System) with display for diagnostics
- IP 67 rating of insulation from external agents



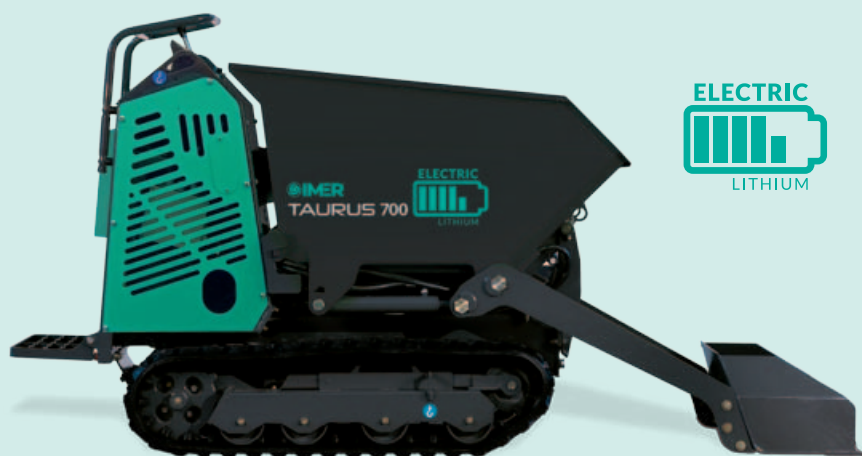
Accessories

CODE	DESCRIPTION
1108050	TAURUS 500 C-Electric Lithium batteries, tipping bucket
1108051	TAURUS 500 CP-Electric Lithium batteries, tipping bucket and self-loading shovel
1108053	TAURUS 500 A-Electric Lithium batteries, loading bed with opening sides

CODE	DESCRIPTION
1108152	Lithium battery 2kWh 40Ah 50V
1108153	Battery charger 25A/50V
1108192	LED spotlight
1108154	Splitter kit for simultaneous battery charging

Standard Equipment

- ✓ Skip fitted to mount self-loading shovel
- ✓ STCS (Self Tension Crawler System)
- ✓ Lithium (NCM/NCA) 6kWh 120Ah 50V rated batteries (3 battery packs)
- ✓ Portable battery charger 25A/50V (on board the machine) with LED indicator
- ✓ Display with charge level / working hours indicators
- ✓ Shovel arms with double attachment yoke
- ✓ Hydraulic quick-coupling for shovel system release
- ✓ Removable engine bonnet for better access for checks, servicing and refuelling
- ✓ Standard 14 L / min flow rate power take-off
- ✓ Foldable non-slip footplate kit



Applications

Maximum reliability and respect for the environment. Extreme efficiency to reduce management costs, low noise and vibration levels, zero emissions. It is the ideal solution for moving material inside closed places and in poorly ventilated environments where it is essential to work without gases, fumes and noises. The mini-dumper Taurus 700 Electric is equipped with three interchangeable battery packs, which increase its autonomy. Automatic idle and intelligent speed control ensure efficiency by maximizing productivity. Lower operating costs compared to the corresponding machines with internal combustion engines (no filter, engine oil and spark plugs).

6 speeds (3x2)

Three electric speeds and two hydraulic speeds selectable based on the type of work to be done.

Display on the console

It allows to check the battery charge percentage and the main machine parameters.

Autoidle function

The automatic idle function, which can be deactivated if necessary, decreases the engine revolutions in stall or low load conditions to reduce battery consumption.

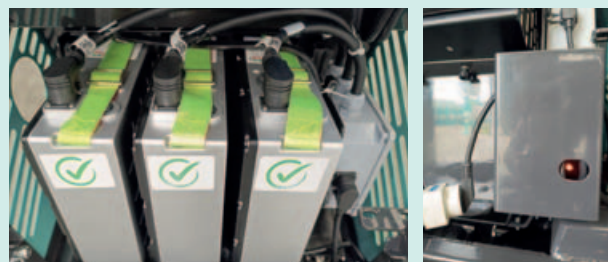


TAURUS 700 ELECTRIC		
		C-Electric CP-Electric A-Electric
Engine		E-Power
Engine power	kW/rpm	3 (Peak) / 3000
Operating load	kg	700
Skid capacity	mc	0.33
Max travel speed	km / h	3
Max allowed slope when empty (guide with operator on the ground, where applicable)		20° - 36%*
Max allowed slope when loaded (guide with operator on the ground, where applicable)		11° - 20%*
Loading bed dimensions with closed sides l/w/h (with opening sides l/w)	mm	990/790/200 (1240/1290)
Controls		DCS (Direct Control System)
Hydraulic tank capacity	l	17
Batteries		Lithium (NCM/NCA) 6kWh 120Ah 50V rated (std. 3 battery packs)
Battery charger		25A/50V
Charge time	h	3
Battery duration (with Duty Cycle K1)	h	2.5
Speed control		3x2 speed selector
Traction motor		Orbital
Machine weight with tipping bucket	kg	532
Machine weight with tipping bucket and self-loading shovel	kg	597
Machine weight with loading bed with opening sides	kg	547

(*) Variable based on the configuration

Lithium batteries

- 3 interchangeable and removable batteries, with high charging capacity and fast charging
- Low weight and maintenance-free
- Machine operation even with 1 or 2 batteries
- Integrated battery charger on board with plug for connection to 230V/50Hz mains and LED to indicate charging in progress
- Full operation even at very low temperatures thanks to the internal heating circuit of the batteries
- BMS electronic system (Battery Management System) with display for diagnostics
- IP 67 rating of insulation from external agents



Accessories

CODE	DESCRIPTION
1108060	TAURUS 700 C-Electric Lithium batteries, tipping bucket
1108061	TAURUS 700 CP-Electric Lithium batteries, tipping bucket and self-loading shovel
1108087	TAURUS 700 A-Electric Lithium batteries, loading bed with opening sides
1108095	TAURUS 700 HT CPE-Electric Lithium batteries, tipping bucket and self-loading shovel, extendable undercarriage, HI-TIP high discharge

CODE	DESCRIPTION
1108152	Lithium battery 2kWh 40Ah 50V
1108153	Battery charger 25A/50V
1108192	LED spotlight
1108154	Splitter kit for simultaneous battery charging

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