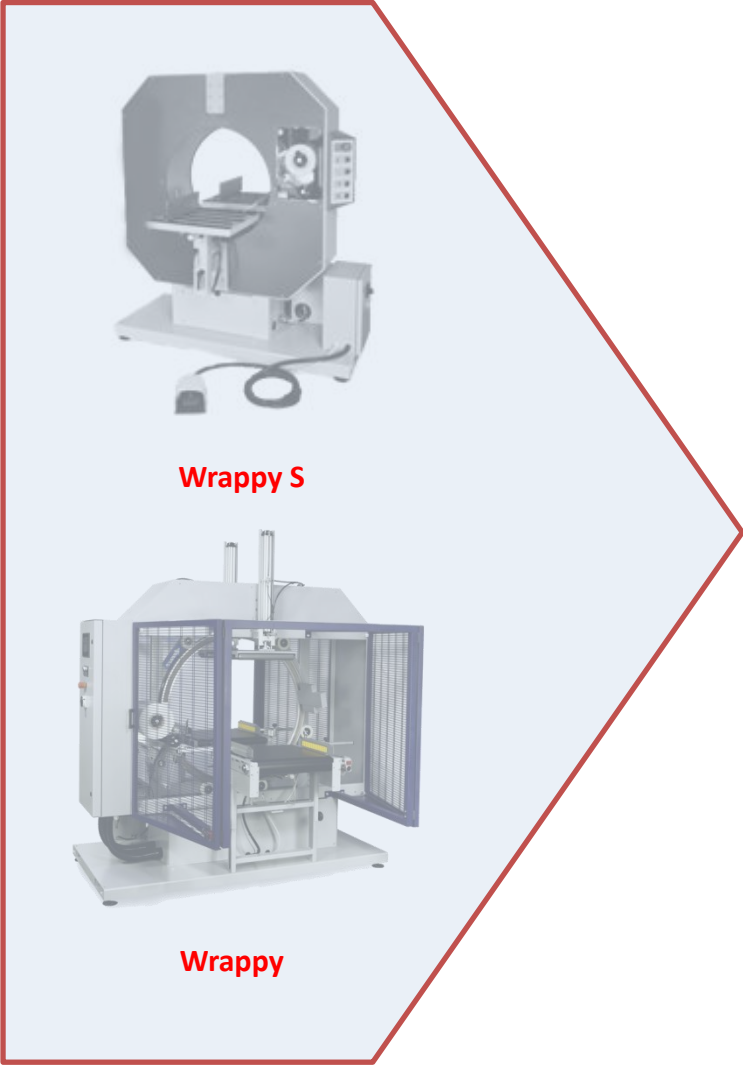


NEW WRAPPY N – Selling Points

A.B.
November 2021

WRAPPY N – The new product platform



WRAPPY N

1 Structure

1 Range

New Design

WRAPPY N at a glance



Performance

- Up to + 25% productivity /speed thanks to new platform technology
- Tail reduction thanks to the new clamp design

Sustainability

- Film saving thanks to the mechanical pre-stretch option on full range

Usability

- Better accessibility thanks to the new design
- Better ergonomics thanks to new controls lay out

Flexibility

- New Ring dimensions (product oriented)
- Ring' height preset according with the existing line
- Double reel (option) on all range & flexible reel width dimension

Robustness

- Less Vibration & Noise thanks to new platform technology

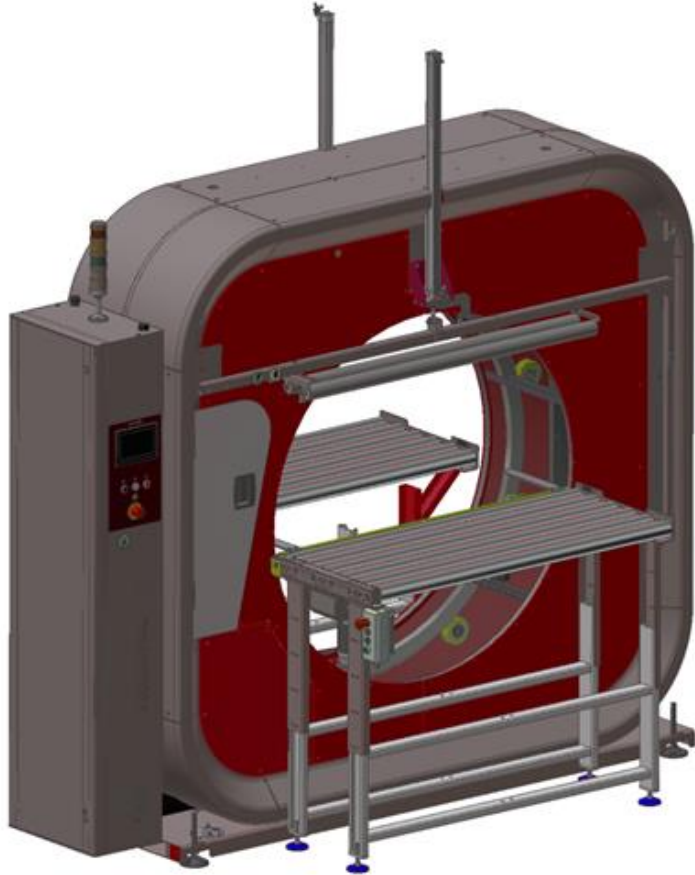
Industry 4.0 thanks to R-connect

WRAPPY N Series

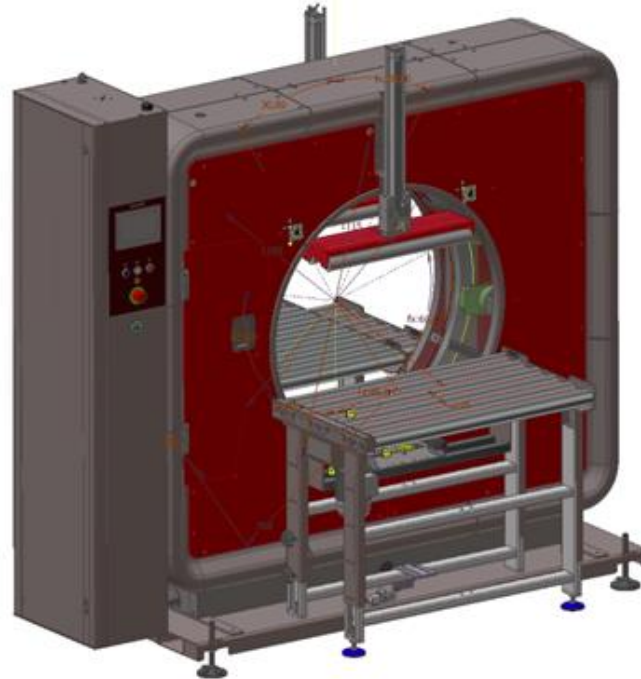
OVERVIEW

Fully automatic wrapping machine to be integrated in line or for a stand alone wrapping solutions.

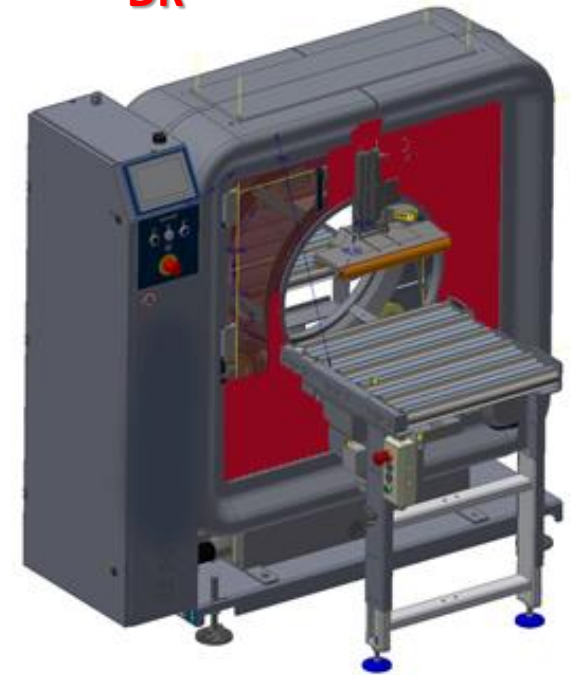
- WRAPPY N 13-250
- WRAPPY N 13-250 DR



- WRAPPY N 9-125
- WRAPPY N 9-250
- WRAPPY N 9-250 DR



- WRAPPY N 5-125
- WRAPPY N 5-250
- WRAPPY N 5-250 DR



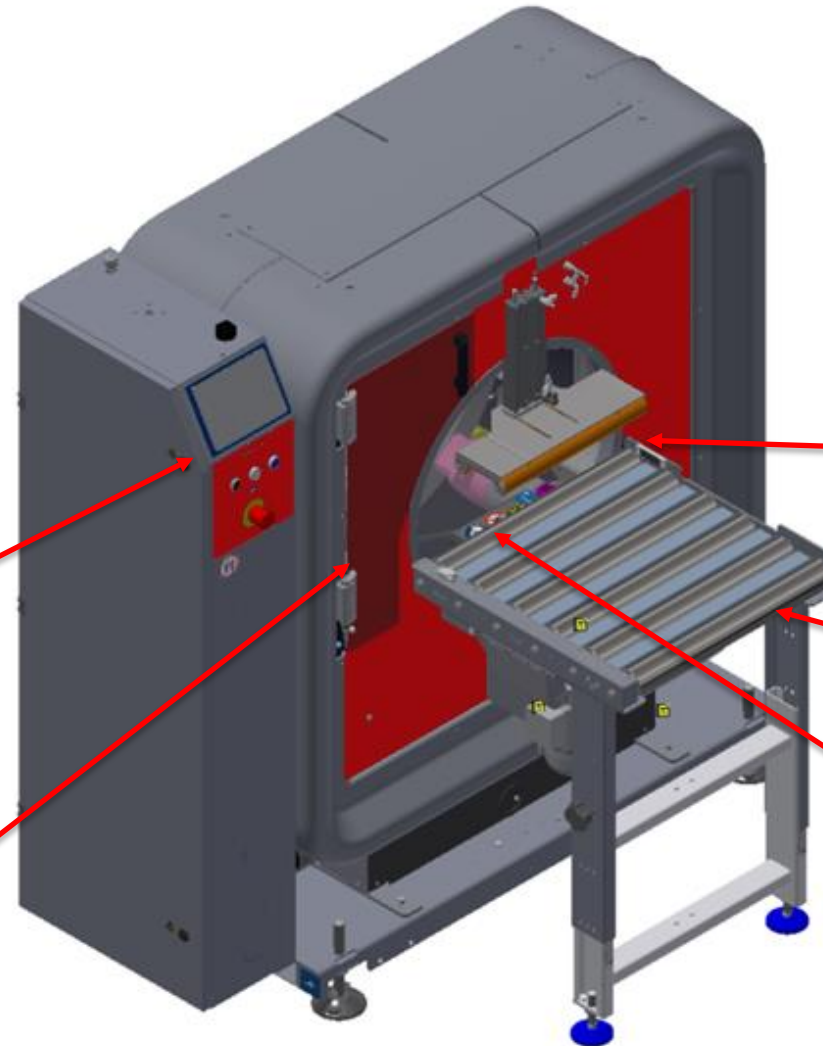
All models with DOUBLE REEL option to increase productivity

WRAPPY N Series

BASIC CONFIGURATION

WHAT IS INCLUDED ON THE PRICE LIST MACHINE CODE?

- 9000301278 WRAPPY N 5-125
- 9000301279 WRAPPY N 5-250
- 9000301280 WRAPPY N 5-250 DR
- 9000301281 WRAPPY N 9-125
- 9000301282 WRAPPY N 9-250
- 9000301283 WRAPPY N 9-250 DR
- 9000301284 WRAPPY N 13-250
- 9000301285 WRAPPY N 13-250 DR



Electrical cabinet and **new touch screen control panel with colour interface** with better accessibility. PLC and inverter **Schneider**

Film reel holder for film width of: **125mm, 250mm or 250mm double reels**

Pneumatic Top pressors hold downs with **2 PVC idle rolls** in infeed and outfeed

Powered roller conveyors in infeed and outfeed with galvanized rolls.

Pneumatic clamping and cutting device

WRAPPY N Series

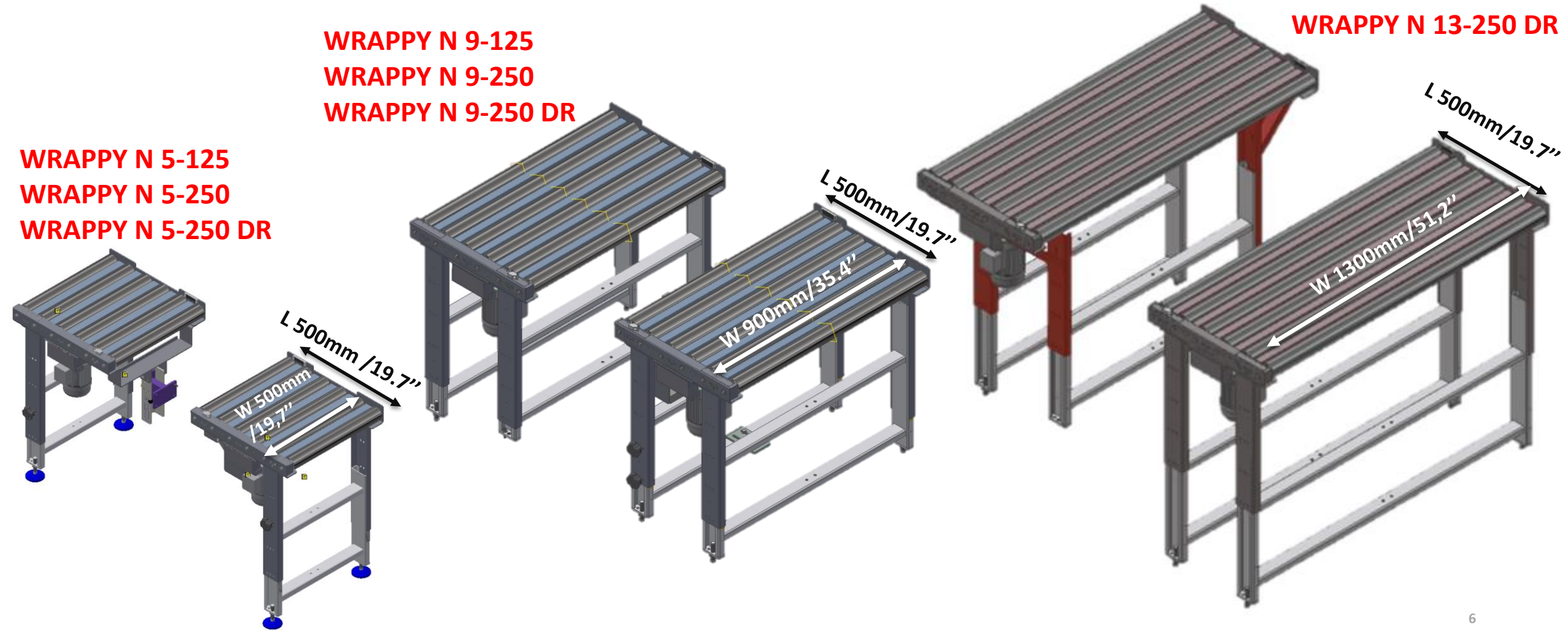
BASIC CONFIGURATION

STANDARD INFEED AND OUTFEED GALVANISED POWERED ROLLERS CONVEYORS

WRAPPY N 9-125
WRAPPY N 9-250
WRAPPY N 9-250 DR

WRAPPY N 13-250
WRAPPY N 13-250 DR

WRAPPY N 5-125
WRAPPY N 5-250
WRAPPY N 5-250 DR



WRAPPY N Series

BASIC CONFIGURATION

PNEUMATIC TOP PRESSORS HOLD DOWNS WITH N.2 PVC IDLE ROLLS IN INFEED AND IN OUTFEED



STANDARD LENGTH

**WRAPPY N 5-125
WRAPPY N 5-250
WRAPPY N 5-250 DR**

LENGTH 380 mm/15''

**WRAPPY N 9-125
WRAPPY N 9-250
WRAPPY N 9-250 DR**

LENGTH 784 mm/30.8''

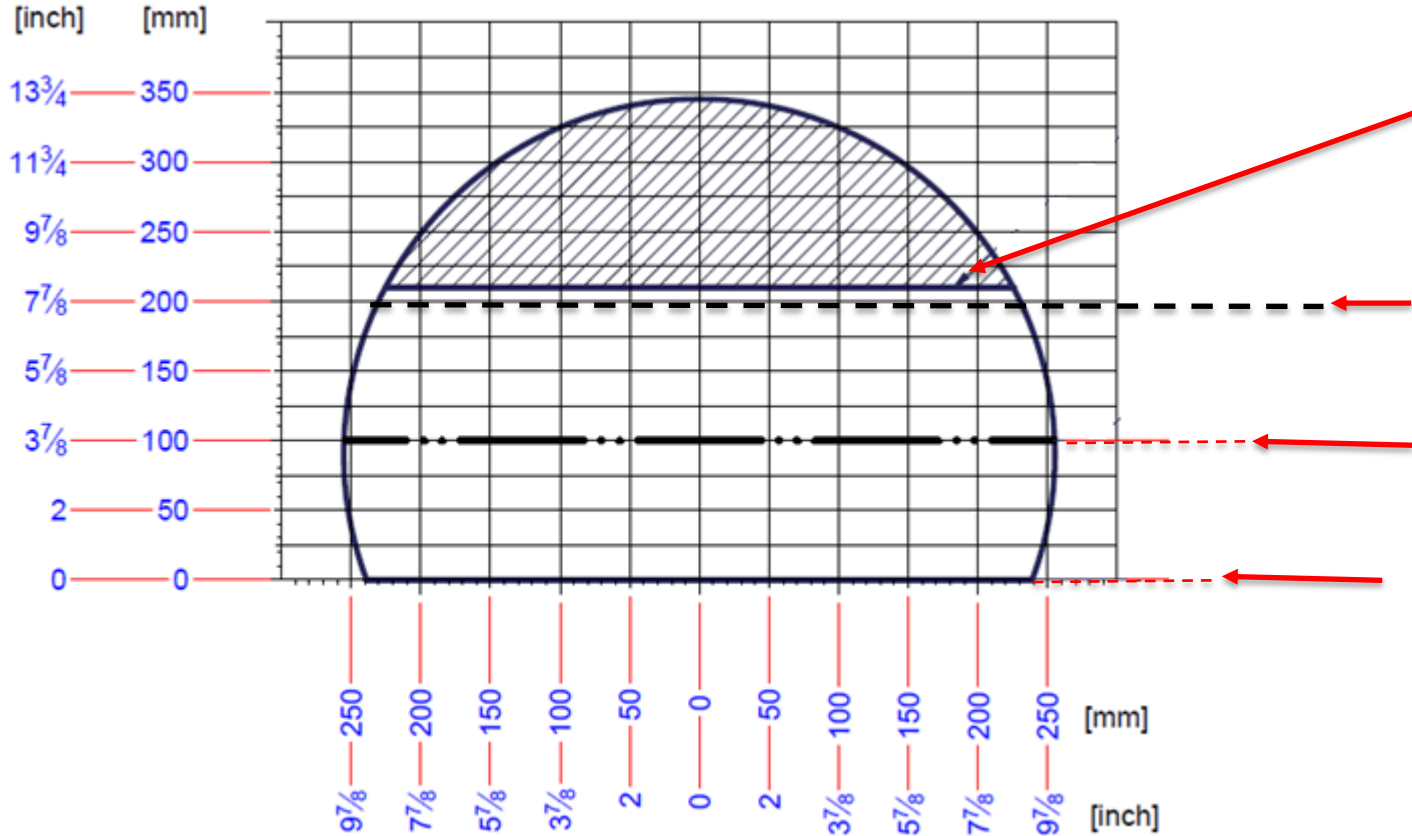
**WRAPPY N 13-250
WRAPPY N 13-250 DR**

LENGTH 1300 mm/51.2''

The pneumatic Top pressors hold downs are side guided (no torsion possible)

WRAPPY N 5 PRODUCT-ORIENTED RING DIMENSIONS

WRAPPY N5 – 125/250 and R5 – 250DR



Top pressor hold downs footprint can be reduced by raising the position of cylinder for WRAPPY N5 – **125/250**

Top pressor hold downs footprint for WRAPPY N5 – 250 DR

Maximum working line height = 900mm/35.43"

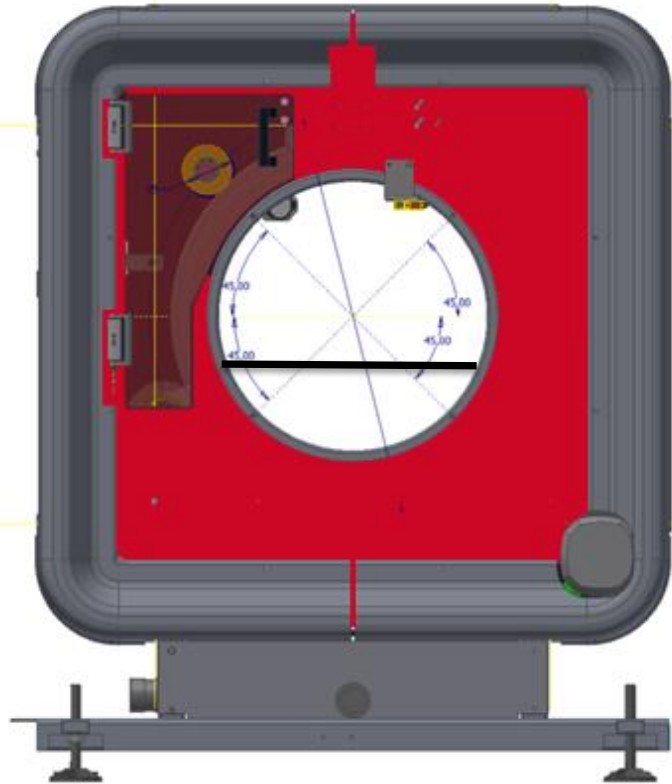
Standard working line height = 800mm/31.50"

notes: possibility of adapting to lower working lines (H700mm/27,56" and H600mm/23,62") in order to connect to existing installations by also lowering the machine ring.

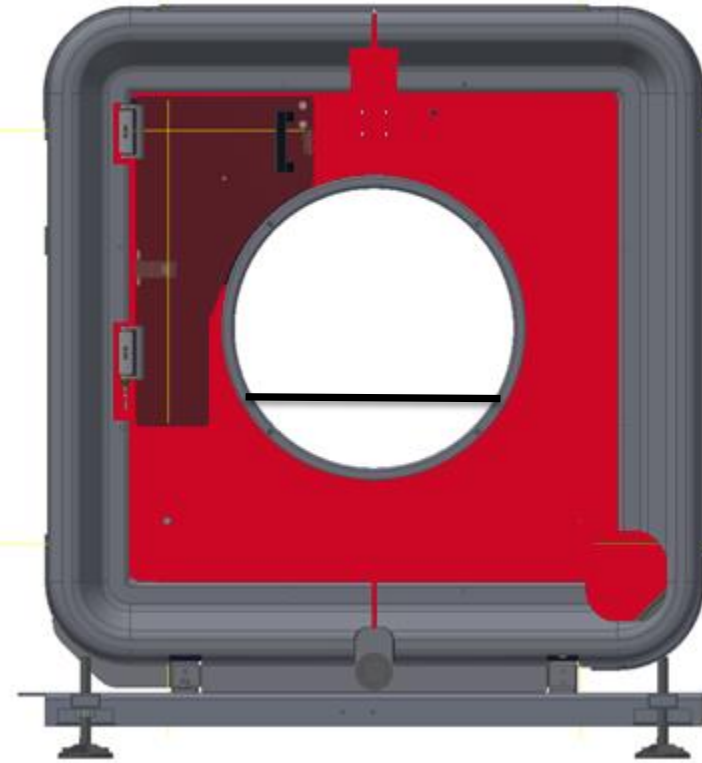
WRAPPY N 5

PRODUCT-ORIENTED RING DIMENSIONS

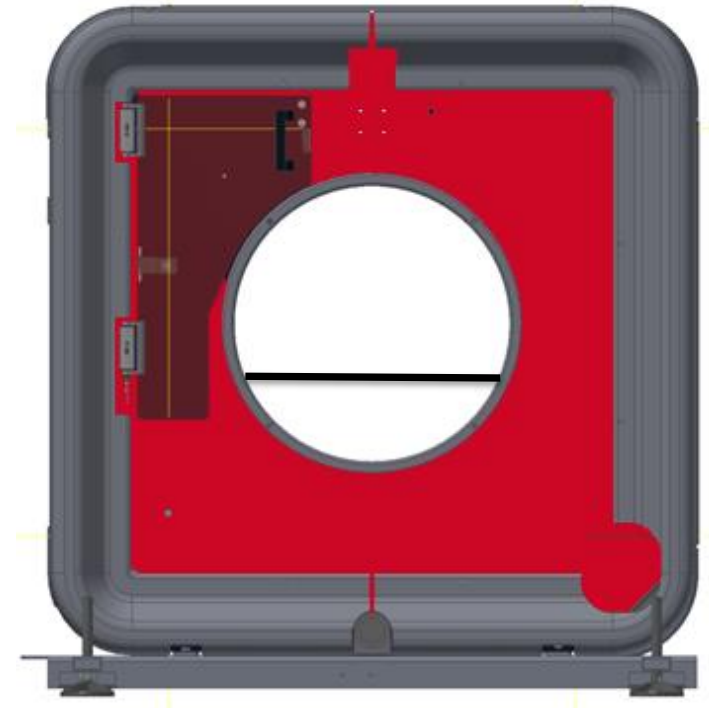
In order to connect the machine **WRAPPY N5** to existing working line below the standard H800mm/31.5", the machine can be adapted into NOXON production line with the positioning of the frame, the ring and the conveyors at a lower level.



H 800 mm/31.5" STD



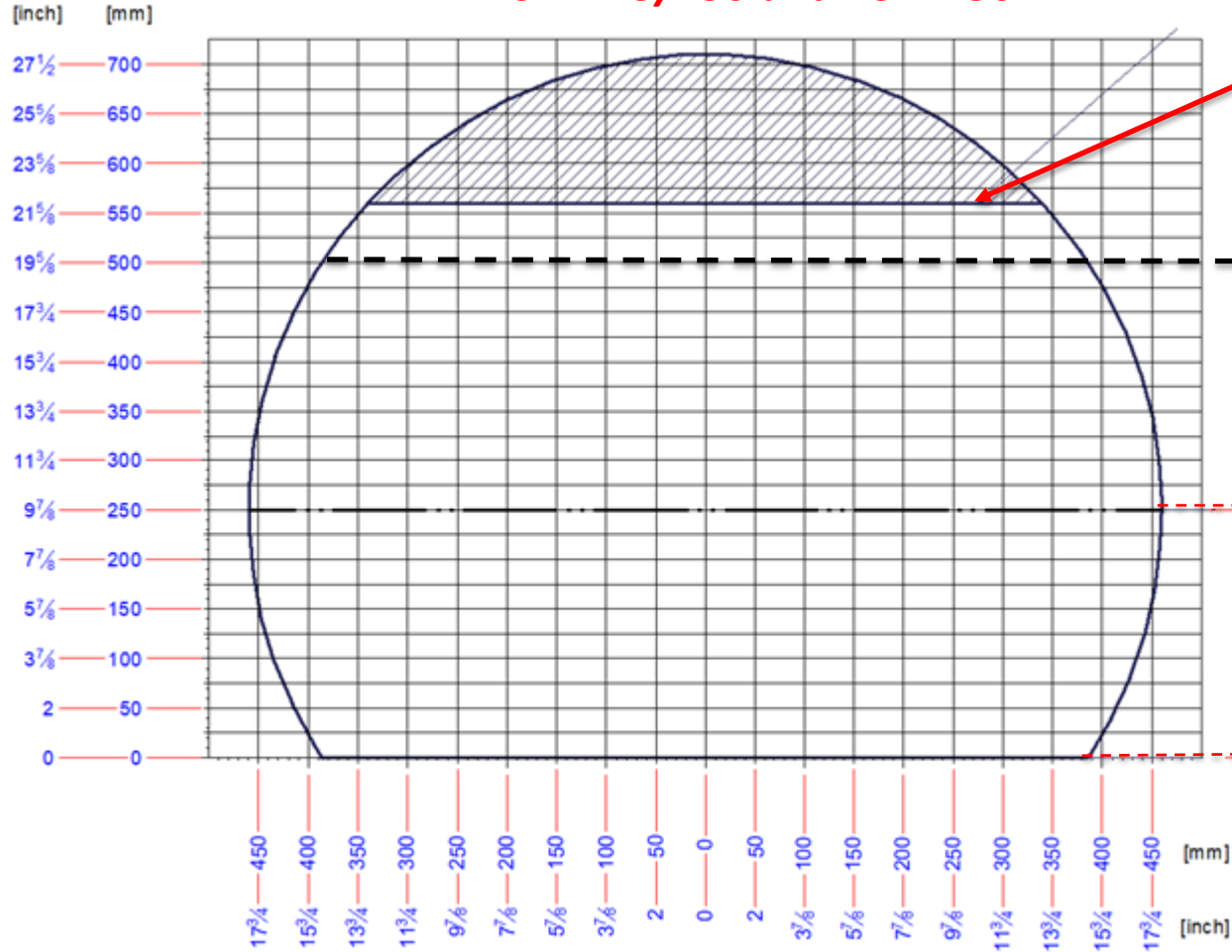
H 700 mm/27.56" OPT



H 600 mm/23.62" OPT

WRAPPY N 9 PRODUCT-ORIENTED RING DIMENSIONS

WRAPPY N9 – 125/250 and R9 – 250 DR



Top pressor hold downs footprint can be reduced by raising the position of cylinder for **WRAPPY N9 – 125/250**

Top pressor hold downs footprint for **WRAPPY N9 – 250 DR**

Maximum working line height = 1050mm/41.33''

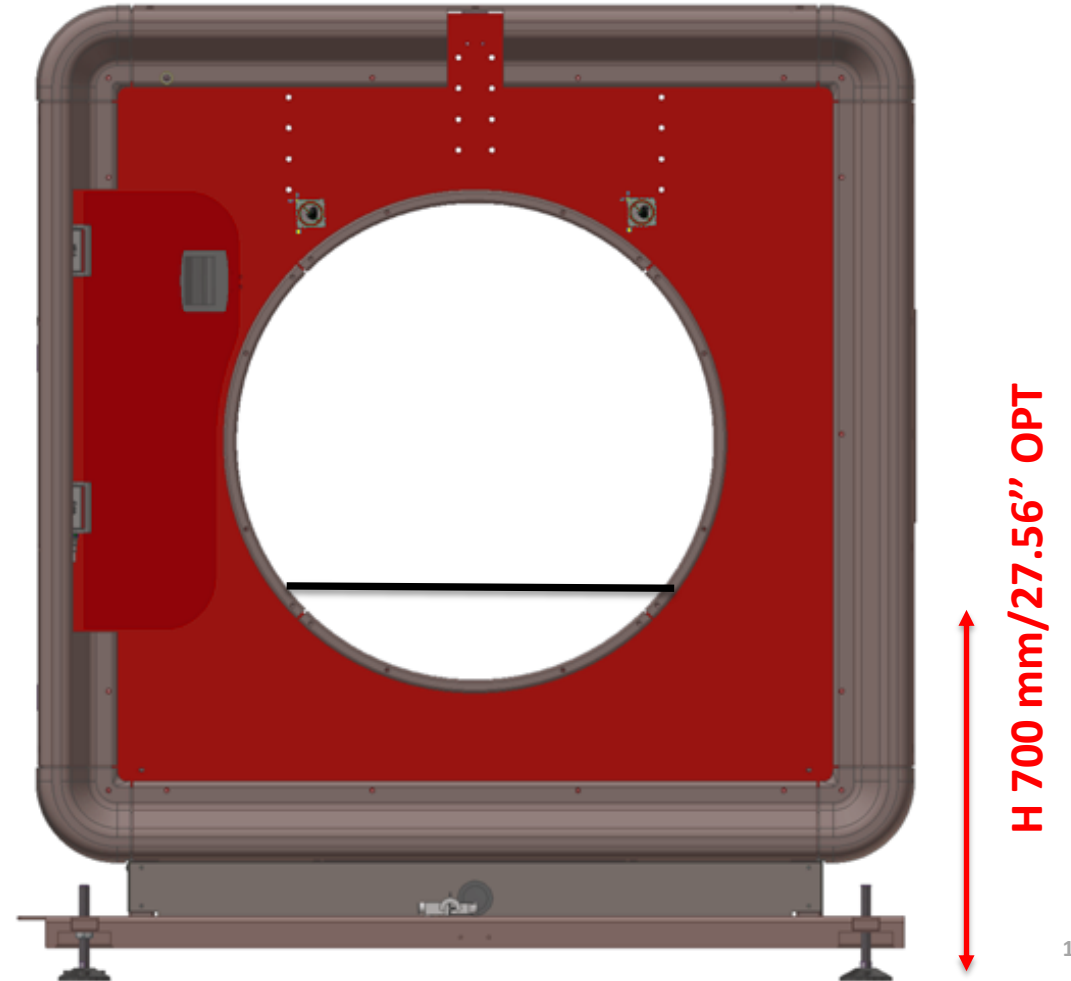
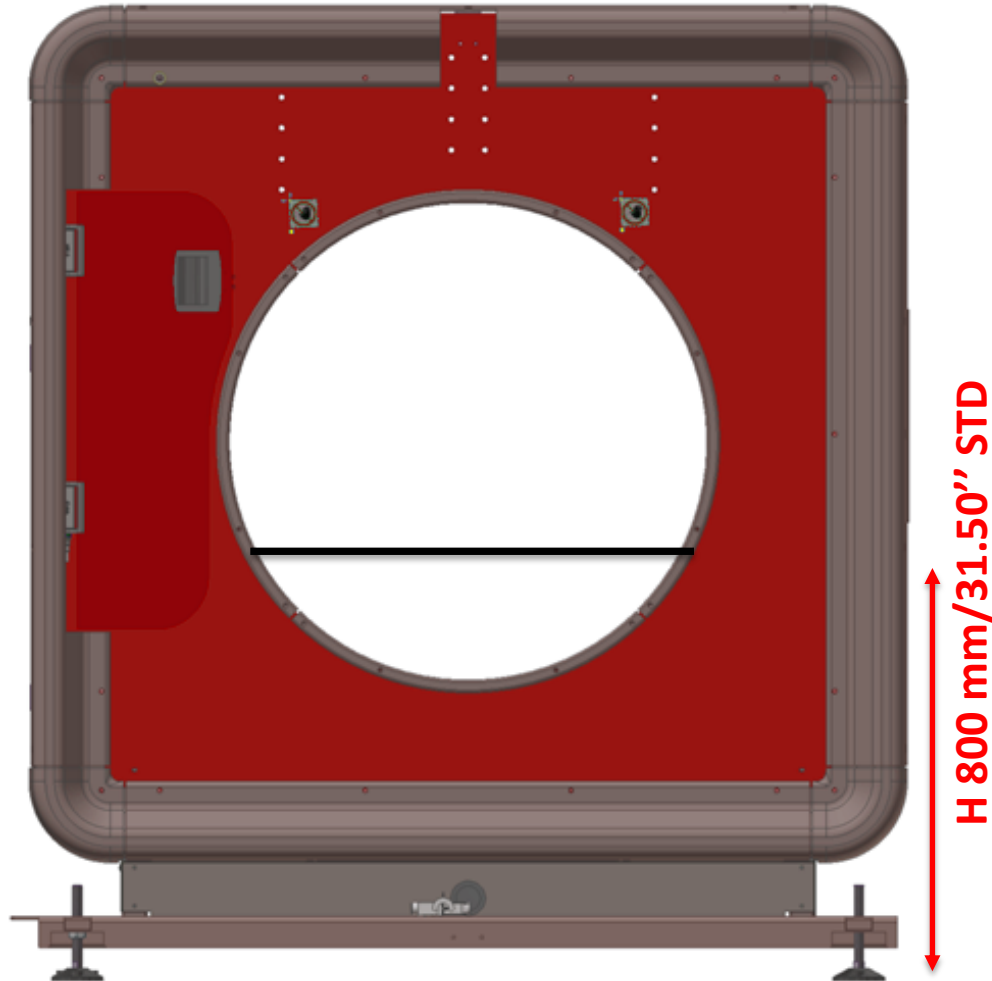
Standard working line height = 800mm/31.50''

notes: possibility of adapting to lower working lines (H700mm/27.56'') in order to connect to existing installations by also lowering the machine ring.

WRAPPY N 9

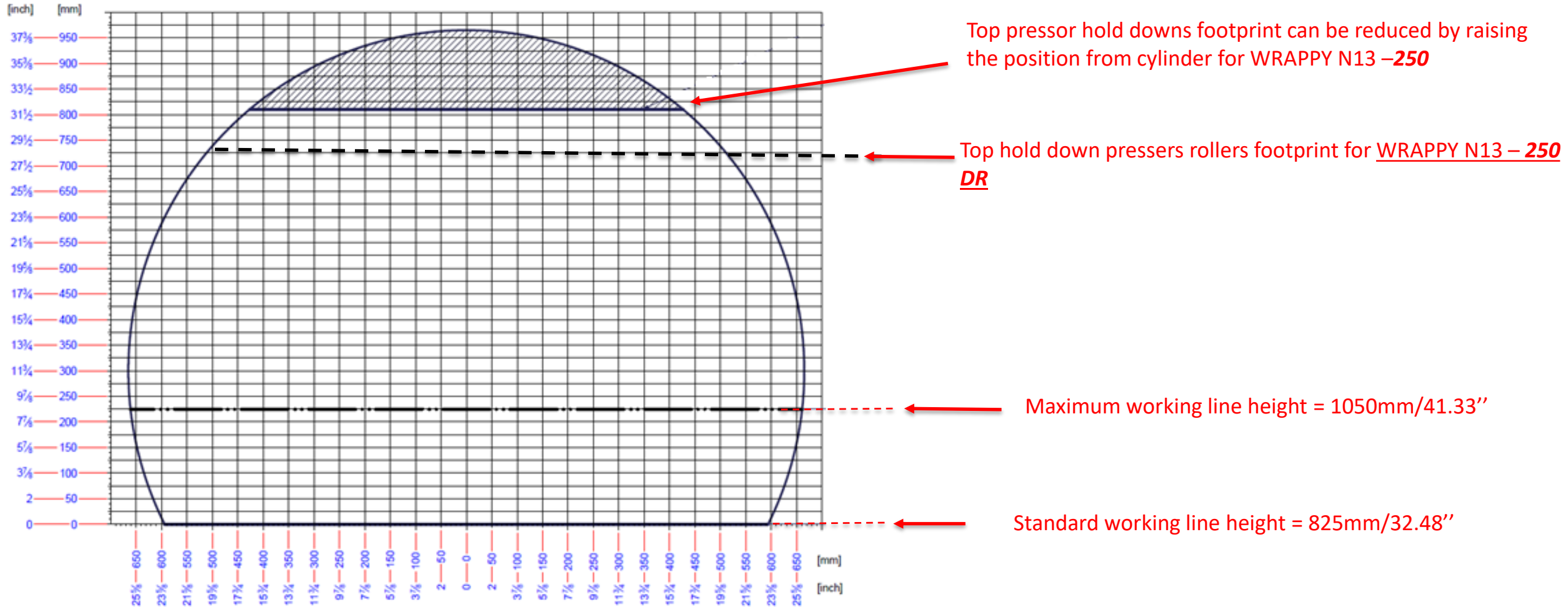
PRODUCT-ORIENTED RING DIMENSIONS

In order to connect the machine **WRAPPY N9** to existing working line below the standard H800mm/31.50", the machine can be adapted into NOXON production line with the positioning of the frame, the ring and the conveyors at a lower level.



WRAPPY N 13 PRODUCT-ORIENTED RING DIMENSIONS

WRAPPY N13 – 250 and R13 – 250 DR



WRAPPY N Series

PRODUCT SPECIFICATIONS

Minimum products dimensions on Wrappy with standard rollers conveyors

Model	Min product dim (W x H)	Unit	Min product length for STD machine (without bridge)	Unit
Wrappy 5-125	50x50 / 2''x2''	mm / Inch	600 / 23.62''	mm / Inch
Wrappy 5-250	50x50 / 2''x2''	mm / Inch	725 / 28.54''	mm / Inch
Wrappy 5-250 DR	50x50 / 2''x2''	mm / Inch	1000 / 39.37''	mm / Inch
Wrappy 9-125	90x90 / 3.54''x3.54''	mm / Inch	625 / 24.60''	mm / Inch
Wrappy 9-250	90x90 / 3.54''x3.54''	mm / Inch	750 / 29.53''	mm / Inch
Wrappy 9-250 DR	90x90 / 3.54''x3.54''	mm / Inch	1000 / 39.37''	mm / Inch
Wrappy 13-250	150x150 / 5.9''x5.9''	mm / Inch	800 / 31.50''	mm / Inch
Wrappy 13-250 DR	150x150 / 5.9''x5.9''	mm / Inch	1000 / 39.37''	mm / Inch

WRAPPY N Series

PRODUCT SPECIFICATIONS

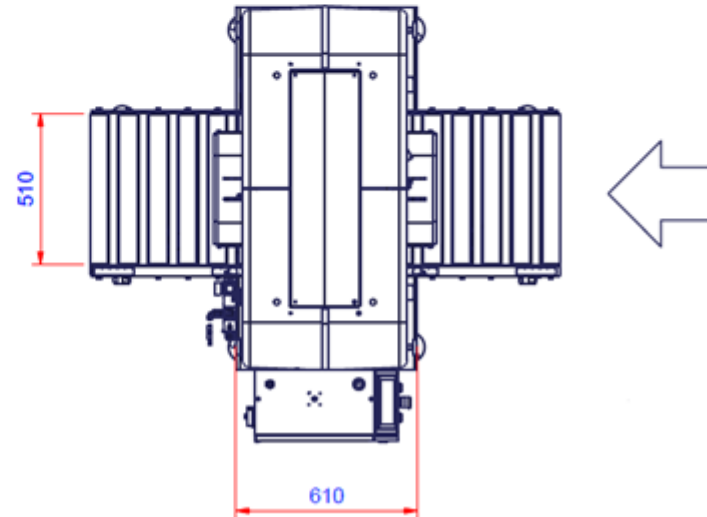
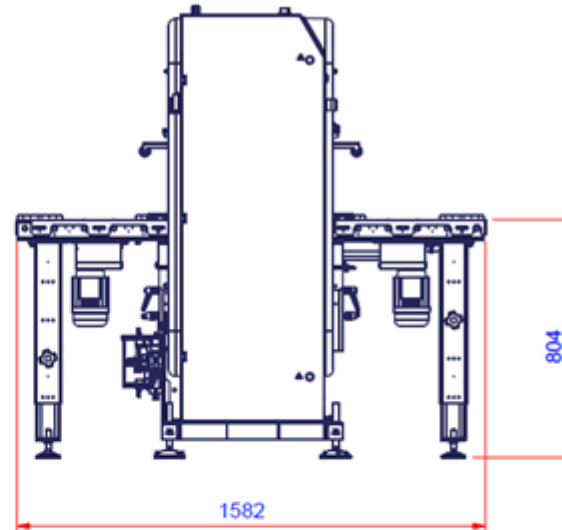
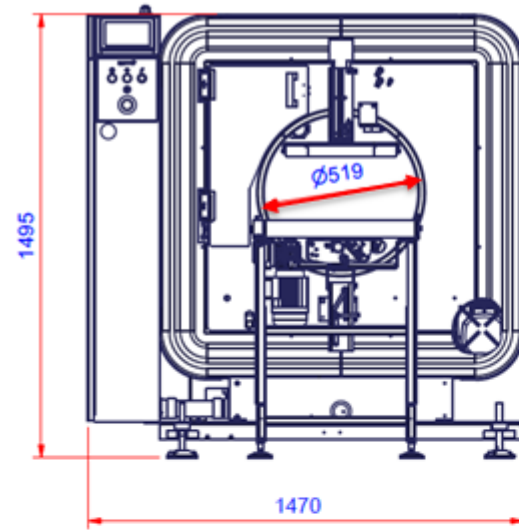
HOW TO TREAT SHORTS PRODUCTS?

Model	L min product for machine with short product optional (Length)	Unit	Optional	L min product for machine with short product optional (Length)	Unit	Optional
Wrappy 5/125	450 / 17.70"	mm / Inch	Reduced width conveyor + fixed bridge	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge
Wrappy 5/250	575 / 22.63"	mm / Inch	Reduced width conveyor + fixed bridge	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge
Wrappy 5/250 DR	850 / 33.45"	mm / Inch	Reduced width conveyor + fixed bridge	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge
Wrappy 9/125	450 / 17.70"	mm / Inch	Reduced width conveyor + fixed bridge	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge
Wrappy 9/250	575 / 22.63"	mm / Inch	Reduced width conveyor + fixed bridge + presser height adjustment photocell	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge
Wrappy 9/250 DR	850 / 33.45"	mm / Inch	Reduced width conveyor + fixed bridge + presser height adjustment photocell	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge
Wrappy 13/250	700 / 27.56"	mm / Inch	Reduced width conveyor + fixed bridge + presser height adjustment photocell	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge
Wrappy 13/250 DR	900 / 35.43"	mm / Inch	Reduced width conveyor + fixed bridge + presser height adjustment photocell	350 (WxH 300x100) / 13.78"(WxH 1.8"x3.93")	mm / Inch	Motorized bridge

WRAPPY N Series

MACHINE FOOTPRINT

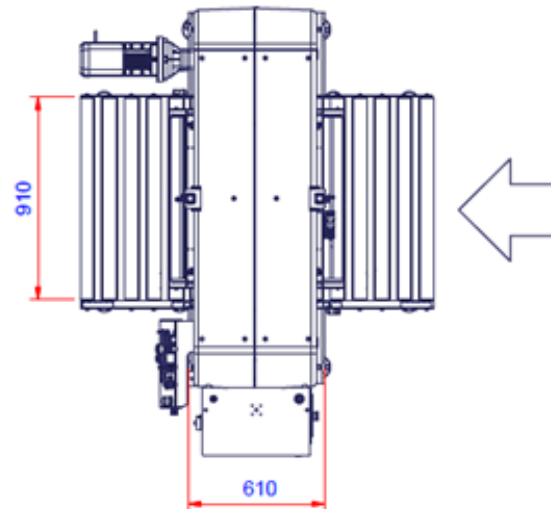
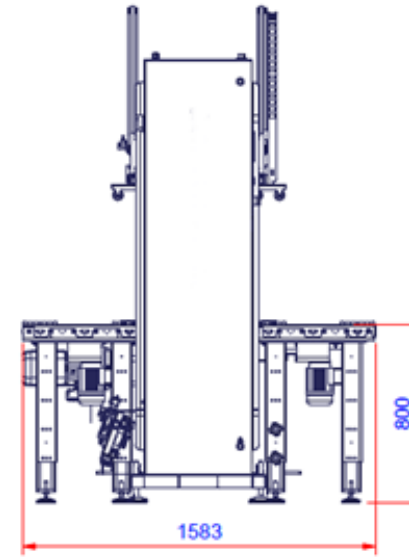
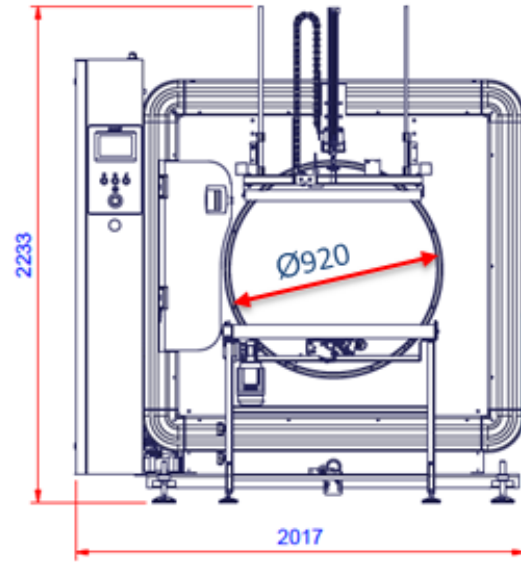
WRAPPY N5



WRAPPY N Series

MACHINE FOOTPRINT

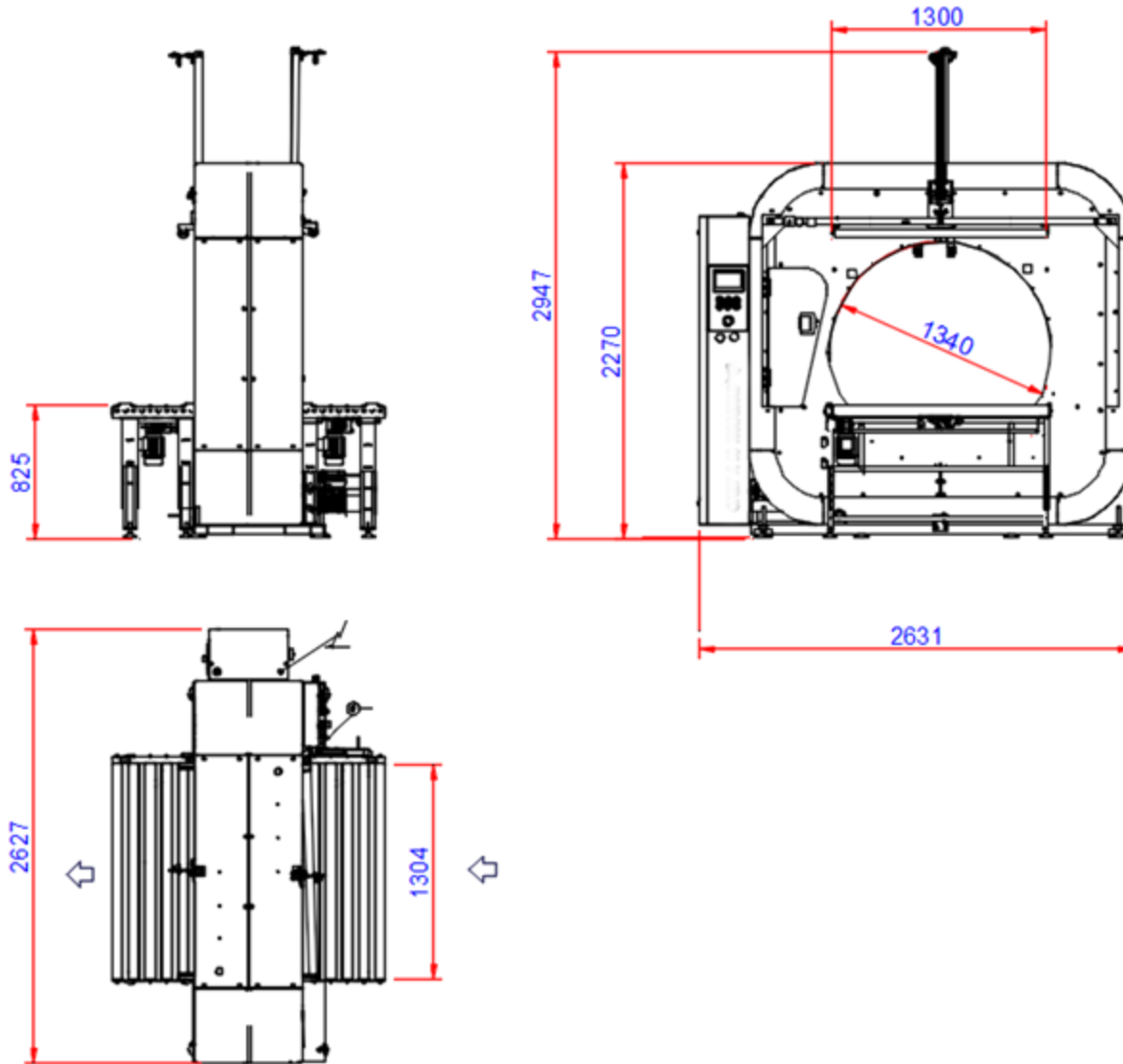
WRAPPY N9



WRAPPY N Series

MACHINE FOOTPRINT

WRAPPY N13



WRAPPY N Series



PERFORMANCE

Up to + 25% productivity / speed thanks to the new platform technology



More stable winding unit, with anodised aluminium ring with shaped external profile, idle support wheels with shaped profile and plastic contact element, V-belt transmission.



MOD.

RPM

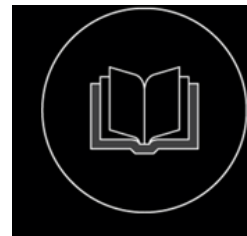
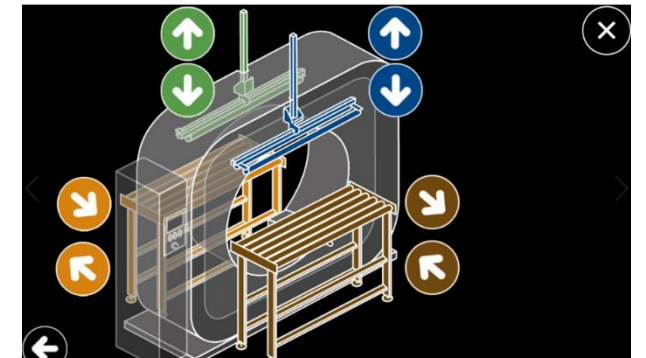
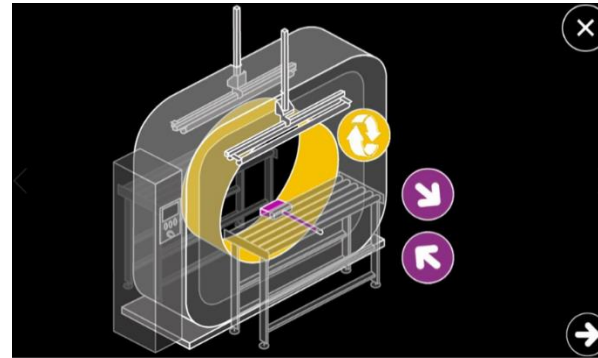
WRAPPY N5-125	FROM 20 UP TO 180
WRAPPY N5-250	FROM 20 UP TO 150
WRAPPY N5-250 DR	FROM 20 UP TO 150
WRAPPY N9-125	FROM 10 UP TO 120
WRAPPY N9-250	FROM 10 UP TO 100
WRAPPY N9-250 DR	FROM 10 UP TO 100
WRAPPY N13-250	FROM 10 UP TO 80
WRAPPY N13-250 DR	FROM 10 UP TO 80

WRAPPY N Series



USABILITY

Improved ergonomics thanks to new layout of controls
The control panel is positioned next to the reel change, facilitating all manual sight movements and machine resets.



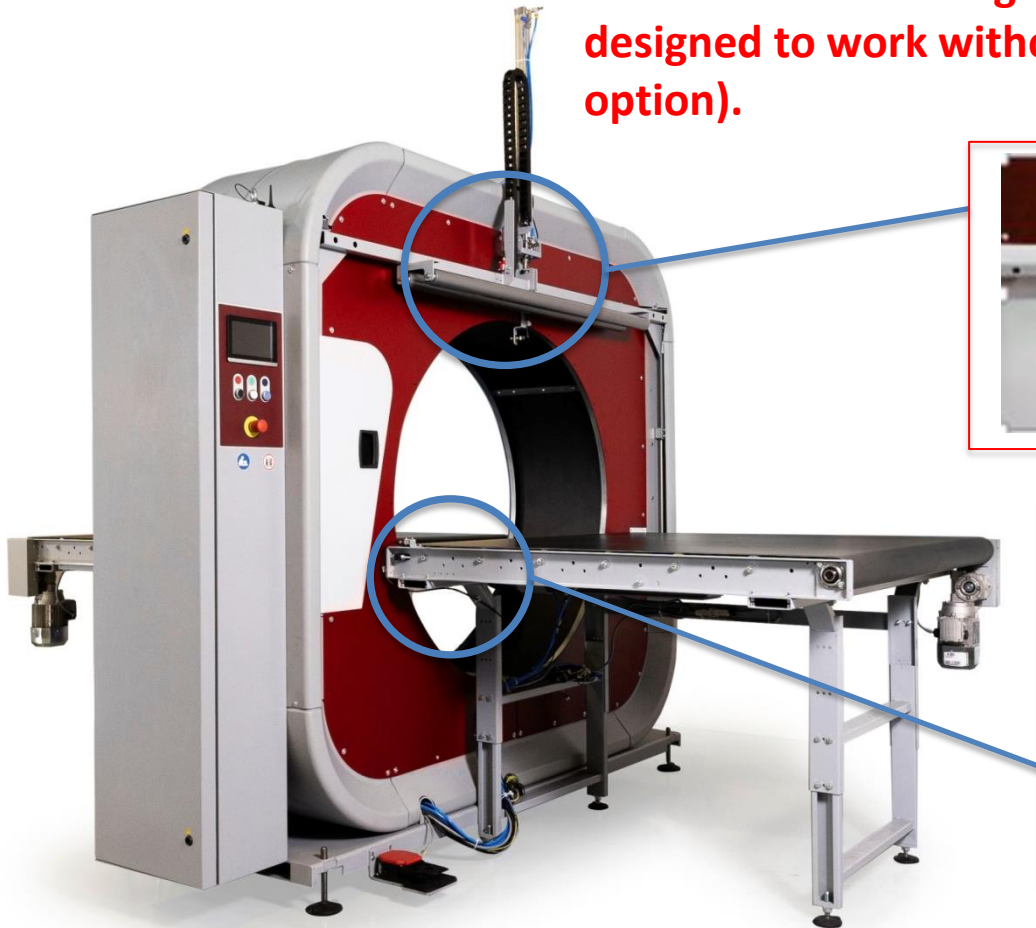
In order to reflect the philosophy of a similar interface on all NOXON machine ranges, the documentation page also includes:

- a section to the user and maintenance manuals,
- a QRcode page for spare parts
- and pics/short videos for the first solving problem aid.

WRAPPY N Series

USABILITY

The machines no longer have perimeter guards. All the safety devices have been designed to work without fences (the guards can still be purchased as an option).



New pneumatic system with two pressure levels. The new top pressor hold downs are able to approach with a low pressure, the product before switching to maximum pressure at the start of the cycle

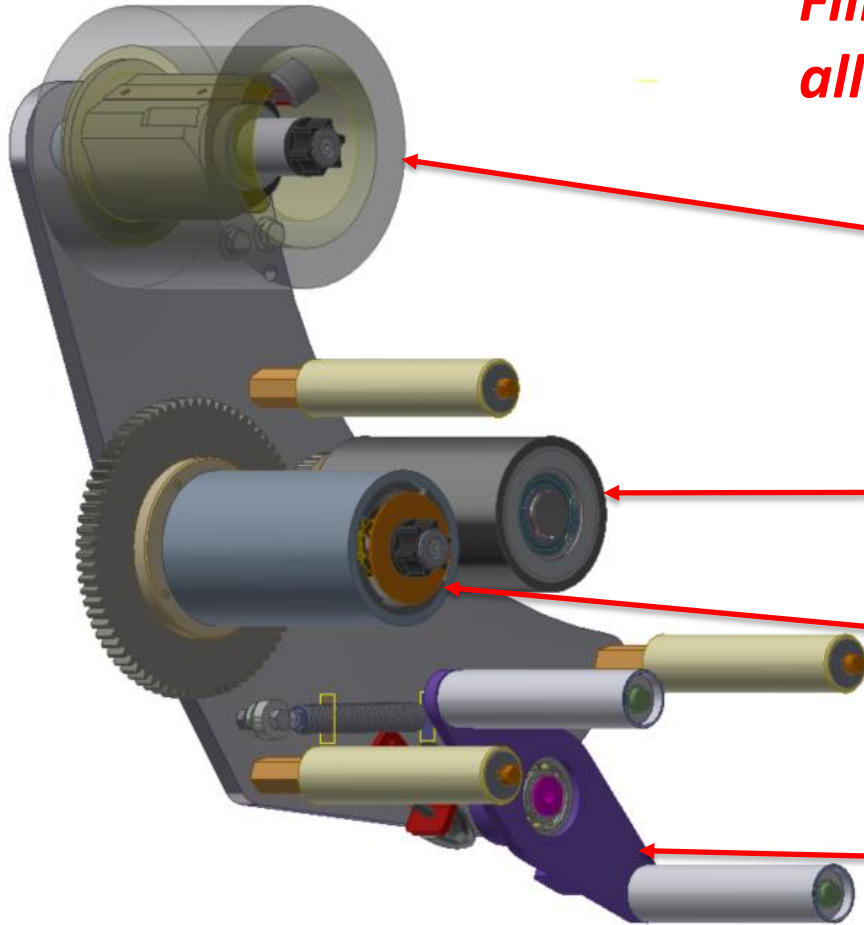


New standard clamp system. Improved safety as the blade is protected by a retractable guard in non-accessible position even when the rod is open. The film is held in place even when the machine is in an emergency state. Added manual release valve for maintenance. The cut is guaranteed by a cold blade.

WRAPPY N Series

SUSTAINABILITY

Film saving thanks to the pre-stretch option on all range either on film reel 125mm or 250mm



SPOOL HEIGHT: 125-250 mm / 5'' -10''
FILM THICKNESS: 17-50 μ m / 65-200 gauge

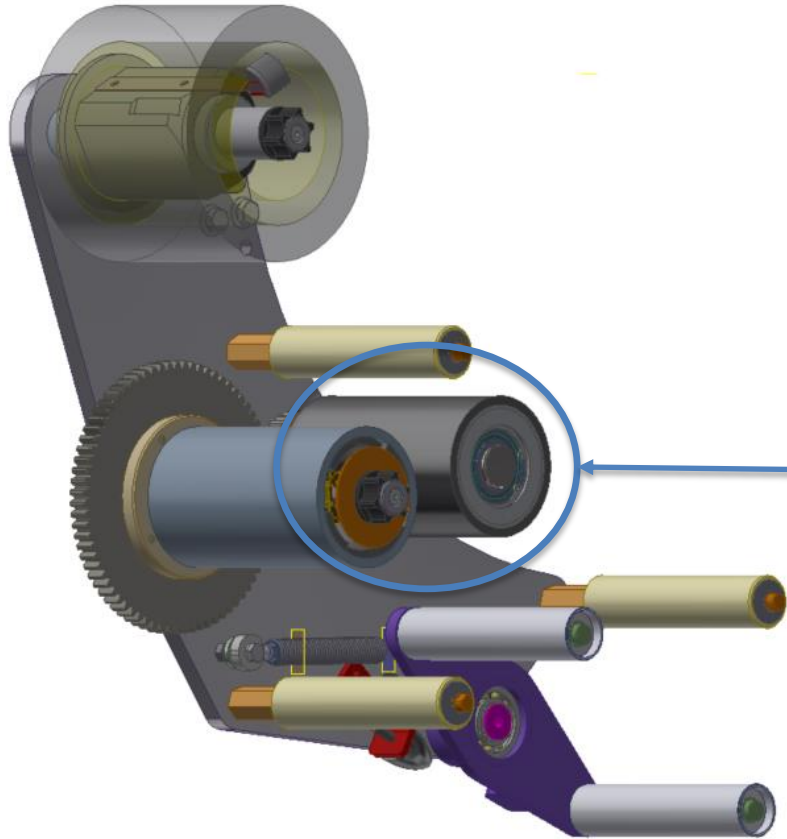
RUBBER ROLLS COUPLED THROUGH GEAR
(150% FIXED RATIO)

RUBBER ROLLER CONNECTED TO THE
GEAR BY CLUTCH

DANCING ROLLER
The dancing roller allows the recovery of the film for small or very low products

WRAPPY N Series

SUSTAINABILITY



It is a 150% fixed pre-stretch that can be reduce by acting on the clutch (up to excluding it).

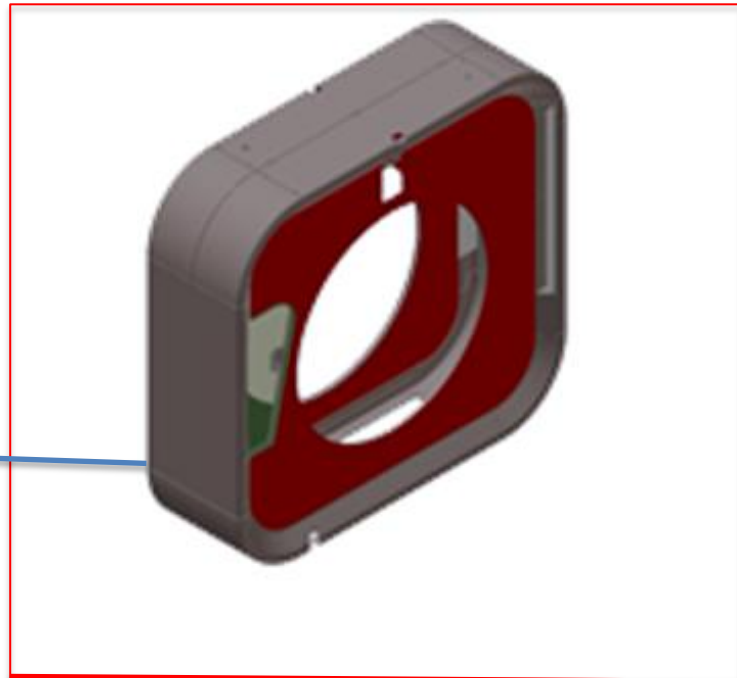
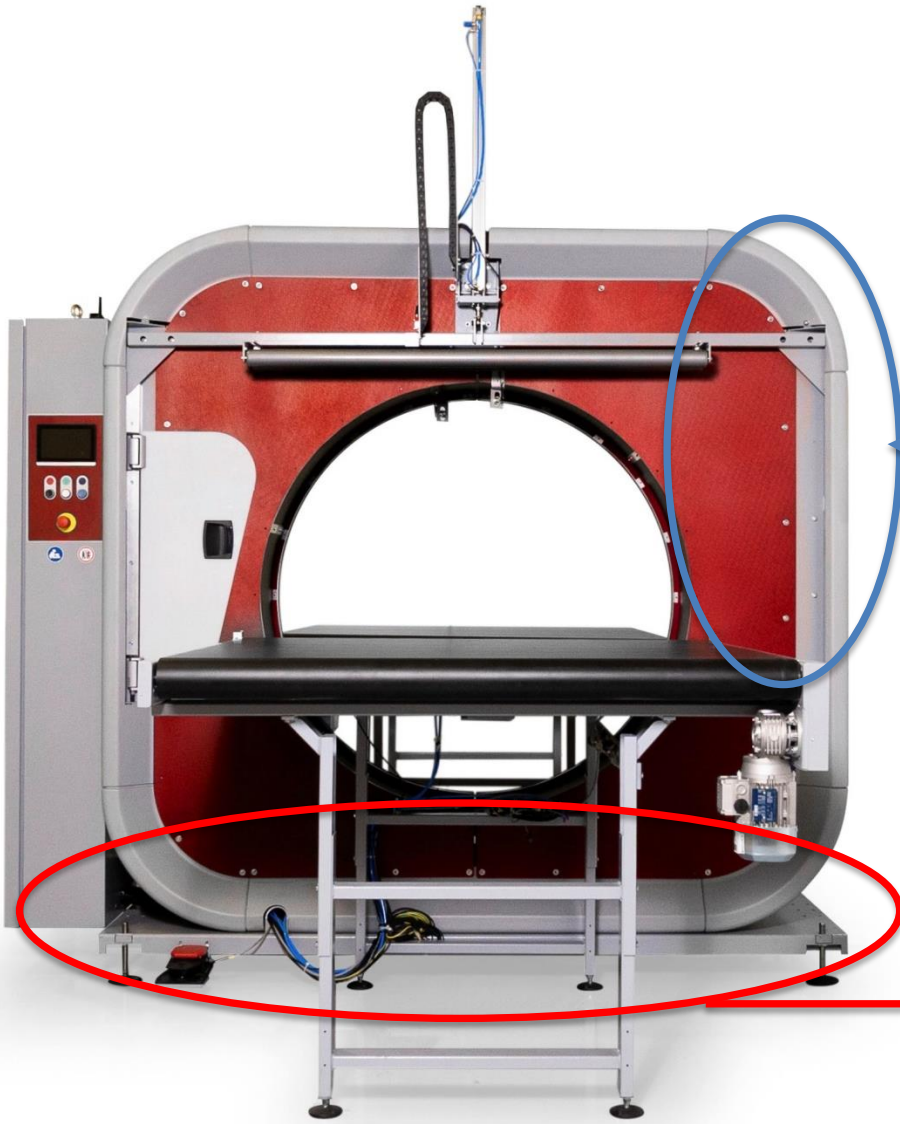
MAXIMUM LOAD ON THE ROLLER CLUTCH (fully compressed spring):
In this situation both pre-stretch rollers are integral with their respective gears. The rotation speed of the slow roller is exactly half of the fast roller and the film undergoes a consequent plastic deformation equal to 150%.

INTERMEDIATE LOAD ON THE ROLLER CLUTCH (partially compressed spring):
In this situation the slow roller starts to rotate integral with its gear, but after an initial deformation of the film there is a slippage of the clutch that reduce the pre-stretch under the value 150%

CLUTCH ON UNLOADED ROLLER (uncompressed spring):
In this situation the SLOW ROLLER "slips" with respect to the corresponding gear and consequently there is no plastic deformation of the film. During winding, the film is subjected exclusively to the "pulling" action due to the inertia of the reel and to the minimum friction present on the reel-holder pin.

WRAPPY N Series

ROBUSTNESS



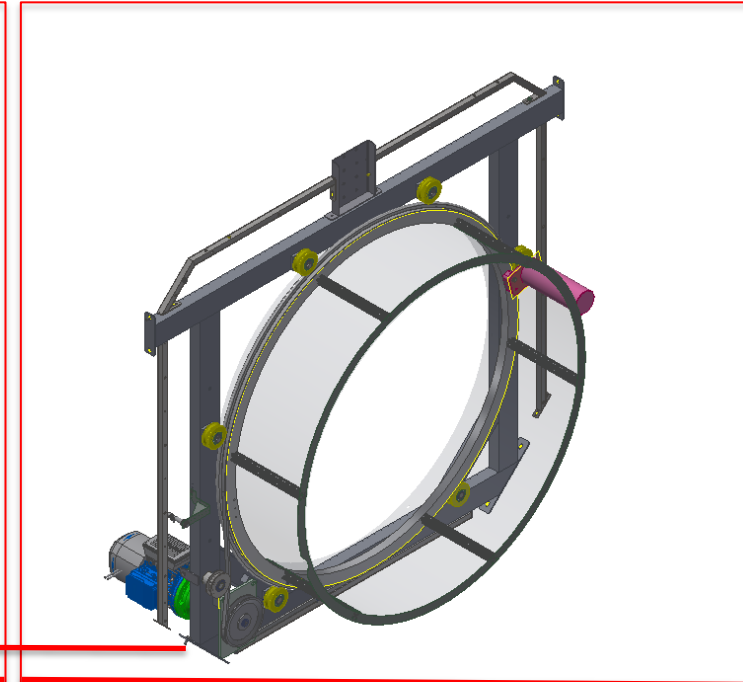
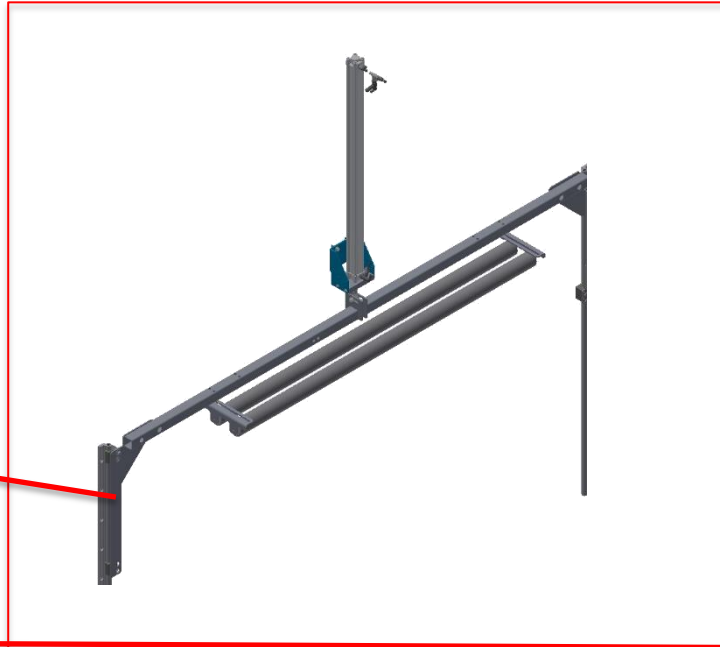
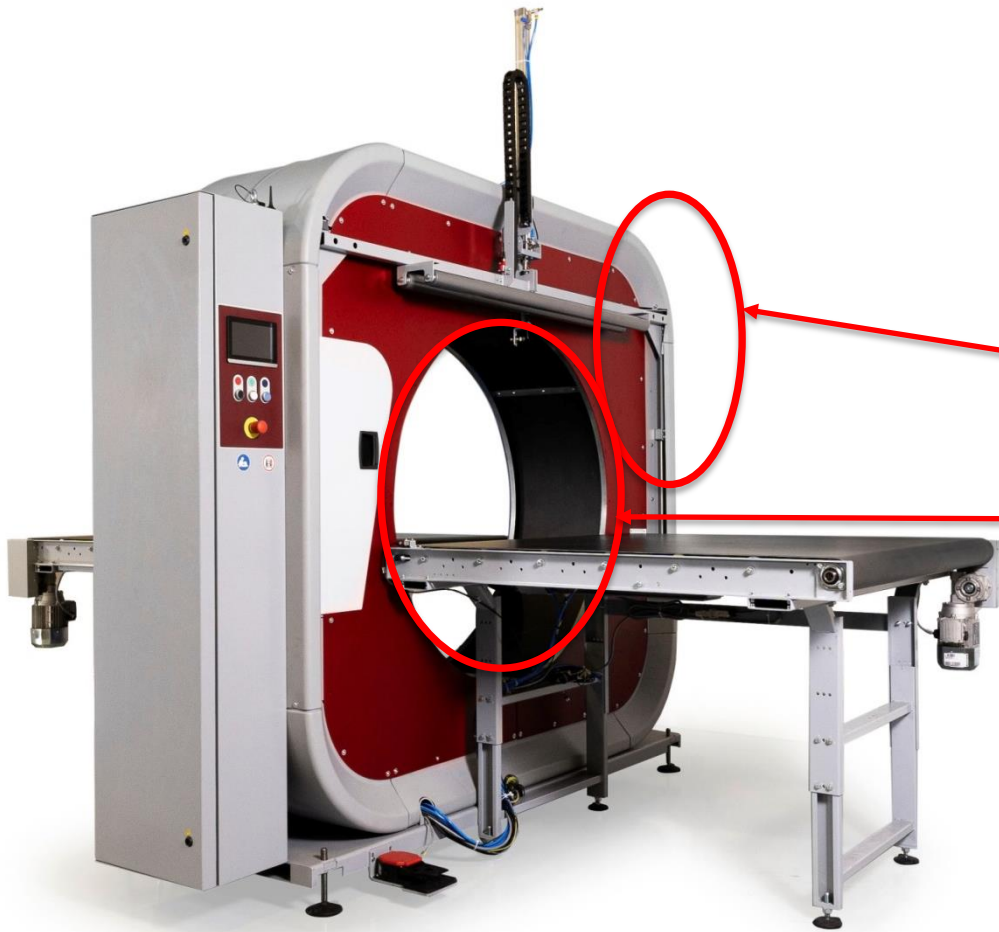
- *Thermoformed plastic carts
ABS 5 mm thick*



- Supporting structure:*
- *Stronger and more modular,
with thicker tubes and sheets*

WRAPPY N Series

ROBUSTNESS



- *Top pressor hold downs are side guided for a greater linearity during the descent*

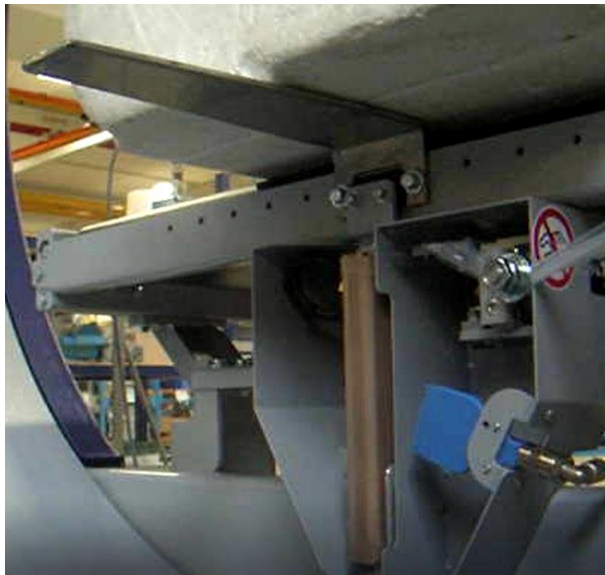
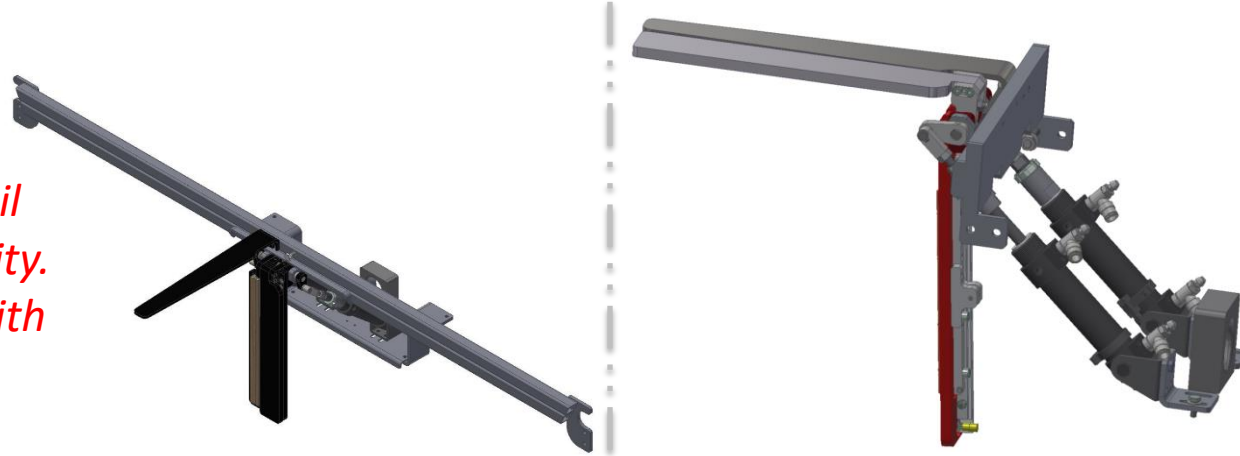
- *Support frame of the winding unit with CNC machining for greater precision in the position of the support wheels*
- *Traction belt with aluminum ring for a greater stability during the ring rotation*

WRAPPY N Series

ACCESSORIES

S.K.I.D. LOWER CLAMP AND CUT FOR REEL 125mm AND 250mm

The novelty of the S.K.I.D device allows a very accurate end of cycle with a very short film tail and aesthetically an excellent packaging quality. the S.K.I.D. has a differential pressure drive with 2 cylinders and is protected by its contrast. The cutting system is done by a hot wire.



SEALER

The sealer, available with standard clamp/cutting and also as an additional optional on the S.K.I.D clamp, allows a perfect adhesion of the film by welding it on the package thanks to a hot resistance.

The cutting system is done by a hot wire.

WRAPPY N Series

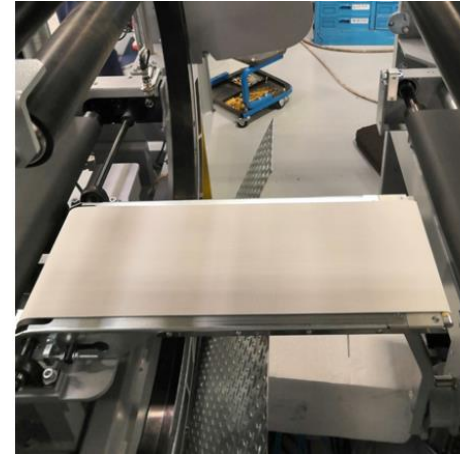
ACCESSORIES

BRIDGES

Fixed bridge the metal sheet for the passage of products of shorter length than that declared as a feasible standard

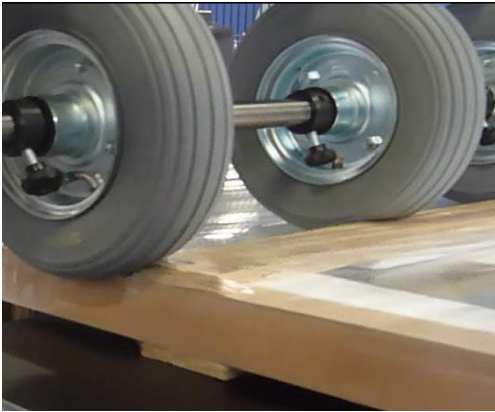


Motorized bridge with thin belt for the passage of products of minimum length up to a minimum length of L350mm / 17.78"



TOP PRESSOR HOLD DOWNS

Pressors with soft reels diameter 200mm / 7.87" for bypass irregulars products shapes



Pressors with PU reels diameter 60mm / 2.36" for maintain and stabilize product during the wrapping for products with linear protrusions



WRAPPY N Series

POWERED ROLLERS CONVEYORS



CONVEYORS

GALVANIZED
(STANDARD)



PVC ROLLERS
(OPTIONAL)



POLYURETHANE
ROLLERS (OPTIONAL)



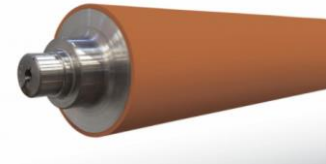
WRAPPY N Series

POWERED BELT CONVEYORS
with flat surface thanks to the metal plate



CONVEYORS

DOUBLE POWERED "V" ROLLERS CONVEYORS
with galvanized or polyurethanes rollers



WRAPPY N Series

TECHNICAL DATA

CARATTERISTICHE / FEATURES		ORBIT R 5			ORBIT R 9			ORBIT R 13	
		BOBINA/REEL			BOBINA/REEL			BOBINA/REEL	
		125 (SINGOLA/ SINGLE)	250 (SINGOLA/ SINGL)	250 (DOPPIA/ DOUBLE)	125 (SINGOLA/ SINGLE)	250 (SINGOLA/ SINGL)	250 (DOPPIA/ DOUBLE)	250 (SINGOLA/ SINGLE)	250 (DOPPIA/ DOUBLE)
diametro interno ralla internal ring diameter	mm	515			920			1330	
velocità rotazione variabile variable rotating speed	rpm	20÷180	20÷150		10÷120	10÷100		10÷80	
velocità avanzamento variabile con inverter variable feed speed with inverter	n/min	5÷20	8÷35	15÷70	4÷15	5÷25	10÷50	4÷20	8÷40
consumo aria compressa compressed air consumption	NI/ciclo NI/cycle	3,5	5,5	9	13	15	18	21	25
tensione alimentazione power supply voltage	V	400V 3Ph+N 50/60Hz			400V 3Ph+N 50/60Hz			400V 3Ph+N 50/60Hz	
potenza installata installed power	kW	1,7			1,7			2,6	
peso totale macchina total weight of the machine	kg	380	400	415	625	650	670	850	870
gruppo pinza/taglio pneumatico a freddo pneumatic cold clamping / cutting unit		STD			STD			STD	
gruppo pinza con taglio a filo caldo (S.K.I.D.) clamping unit with hot wire cutting (S.K.I.D.)		OPT		NA	OPT		NA	OPT	NA
portabobina con prestiro fisso reel holder with fixed pre-stretch		OPT			OPT			OPT	
diametro esterno massimo maximum external diameter	mm	230			250			250	
diametro interno bobina reel internal diameter	mm	76 /(std) / 50 (opt)	76		76 /(std) / 50 (opt)	76		76	
altezza bobina reel height	mm	125	250		125	250		250	
spessore film film thickness	µm	17÷35			17÷35			17÷35	

Wrappy N16 NO CHANGE VS CURRENT MACHINE	
BOBINA / REEL	
250 (SINGOLA/SINGLE)	500 (SINGOLA/SINGLE)
1610	
10÷70	10÷50
3÷19	5÷26
33	40
400V 3Ph+N 50/60Hz	
4,7	
870	890
STD	
NA	NA
STD	
250	
76	
250	500
17÷50	