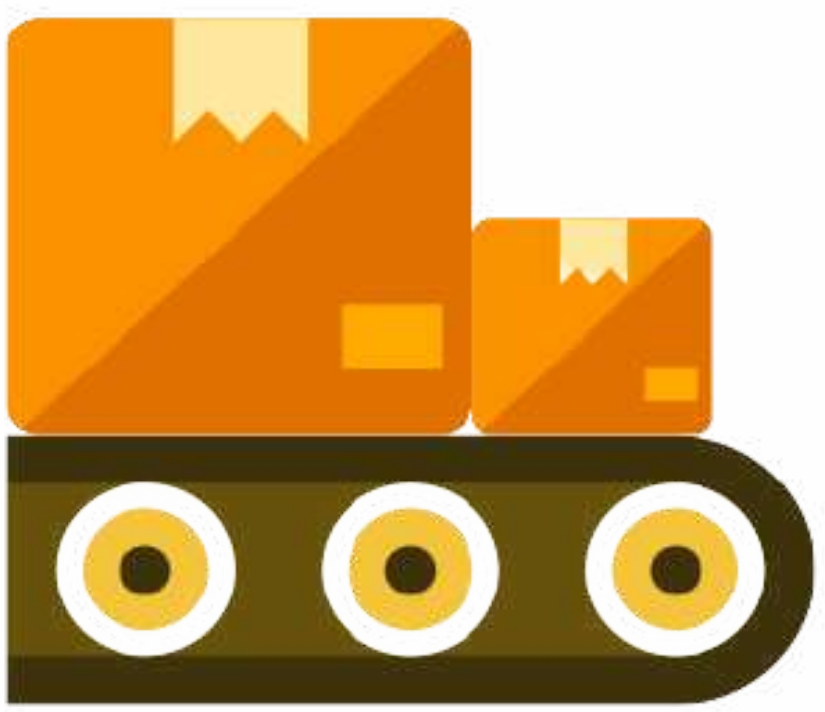
RAVIZZA PACKAGING USA

bagging machines

CONVEYORS

PRODUCT OVERVIEW



CUSTOMIZED PACKAGING SOLUTIONS

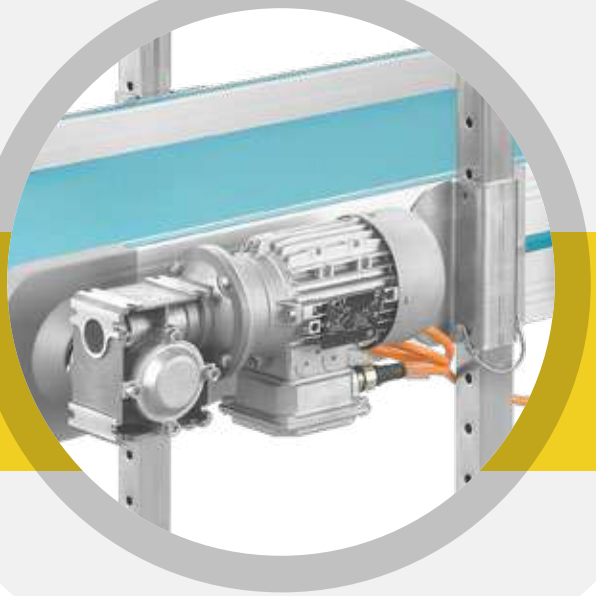
LINC SYSTEMS

800.513.9918 | LINCsystems.com | info@lincsystems.com

RAVIZZA PACKAGING USA
-bagging machines-

/ GREEN DEAL | A new philosophy

Conveyors



NEW CONFIGURATION DRIVE UNITS

World-wide assistance and reliability

+ Efficiency
- Power required = 33% energy saving

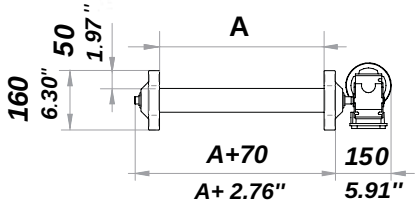
NEW BELT SPECIFICATIONS

+ Quality and longer product life cycle
- Less plastic waste

NEW SIDE CONTAINMENT PANELS AND PIVOTS IN DIE-CAST ALUMINIUM

+ Mechanical strength and sturdiness
+ Improved dispersion of electrostatic charges
- Environmental impact

N-PA | Flat conveyor



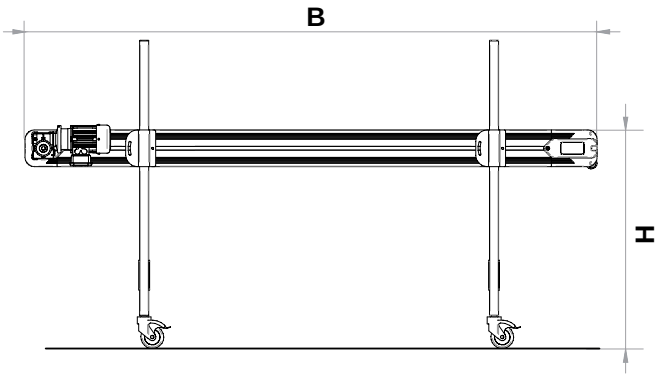
Length

From 1 to 6 m /
From 39.37" to 236.22"

Capacity

Total KG. 50

110 dv



DRIVE UNIT

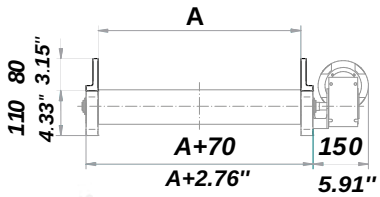
- **Power:** 0.12 kW
- **Speed:** 3.5 m/min fixed - 137.80"/min fixed
- **Voltage:** 110V / 50-60 Hz standard; different voltage upon request

CONVEYOR BELT

- PU coating hardness: 92 Shore A
- Contact temperature: -10 + 110°C / 14 to 230°F
- Operating temperature: -10 + 90°C / 14 to 194°F

A	B	H
min 240 mm / 9.45"	min 2000 mm / 78.74"	min 400 mm / 15.75"
max 940 mm / 37.00"	max 6000 mm / 236.22"	max 1200 mm / 47.24"

PA 110



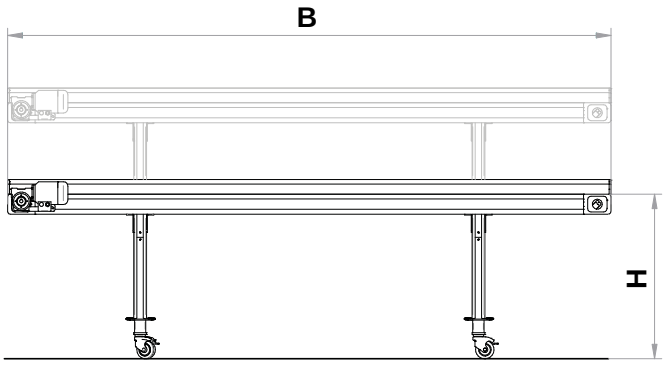
Length

From 1 to 20 m
From 3 to 65 ft

Capacity

Total KG. 200

0 dv



DRIVE UNIT

- **Power:** 0.12 kW
- **Speed:** 4.5 m / min fixed - 177.17" / min fixed
- **Voltage:** 110V / 50-60 Hz standard; different voltage upon request

CONVEYOR BELT

- PU coating hardness: 92 Shore A
- Contact temperature: -10 + 110°C / 14 to 230°F
- Operating temperature: -10 + 90°C / 14 to 194°F

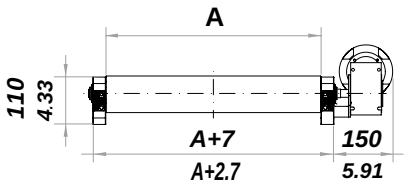
A	B	H
min 100 mm / 3.94"	min 600 mm / 23.62"	min 200 mm / 7.87"
max 2000 mm / 78.74"	max 20 m / 787.40"	max 2000 mm / 78.74"

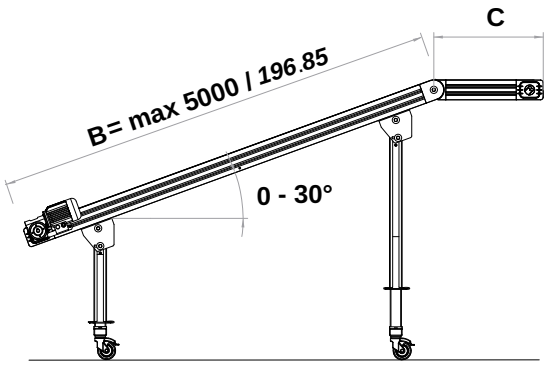
**Images and descriptions are only representational, not binding for orders and/or projects and can change at any time without notice. We have available a wide range of technical solutions for conveying, both standard and customized.*

PAR

Conveyor with adjustable upper **section**

→ ROBOTICS





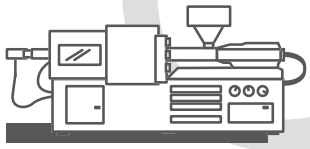
- **Power:** 0.12 kW
- **Speed:** 4.5 m / min fixed - 177.17" / min fixed
- **Voltage:** 110V / 50-60 Hz standard; different voltage upon request
- **High-grip belt in PVC**

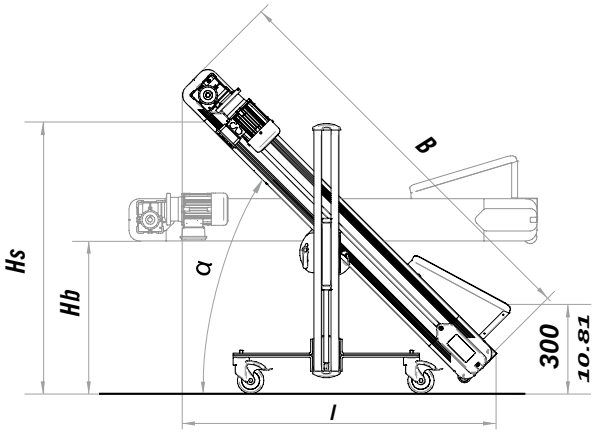
A	B	C
min 100 mm / 3.94"	min 600 mm / 23.62"	min 600 mm / 23.62"
max 1200 mm / 47.24"	max 5000 mm / 196.85"	max 1000 mm / 39.37"

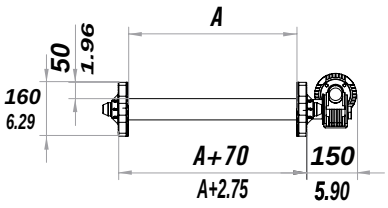
N-TR

Adjustable incline **conveyor**

→ NEXT TO IMM







- **Power:** 0.12 kW
- **Speed:** 3.5 m - 11.48ft / min. fixed
- **Voltage:** 110V / 50-60 Hz standard; different voltage upon request
- **PU belt :** with h 35mm/1.37" slats, pitch 400 mm/15.74"

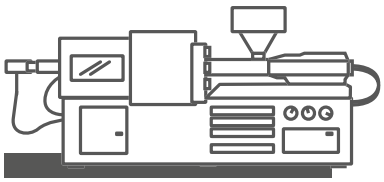
	A	B	α	Hb	Hs
N-TR 3/15	340 mm / 13.38"	1500 mm/59.05"	0°- 45°	550 mm/21.65"	900 mm/35.43"
N-TR 3/20	340 mm / 13.38"	2000 mm/78.74"	0°- 40°	550 mm/21.65"	1100 mm/43.30"
N-TR 3/25	340 mm / 13.38"	2500 mm/98.42"	0°- 35°	550 mm/21.65"	1250 mm/49.21"
N-TR 4/15	440 mm / 17.32"	1500 mm/59.05"	0°- 45°	550 mm/21.65"	900 mm/35.43"
N-TR 4/20	440 mm / 17.32"	2000 mm/78.74"	0°- 40°	550 mm/21.65"	1100 mm/43.30"
N-TR 4/25	440 mm / 17.32"	2500 mm/98.42"	0°- 35°	550 mm/21.65"	1250 mm/49.21"
N-TR 5/20	540 mm / 21.25"	2000 mm/78.74"	0°- 40°	550 mm/21.65"	1100 mm/43.30"
N-TR 5/25	540 mm / 21.25"	2500 mm/98.42"	0°- 35°	550 mm/21.65"	1250 mm/49.21"
N-TR 5/30	540 mm / 21.25"	3000 mm/118.11"	0°- 30°	550 mm/21.65"	1350 mm/53.14"

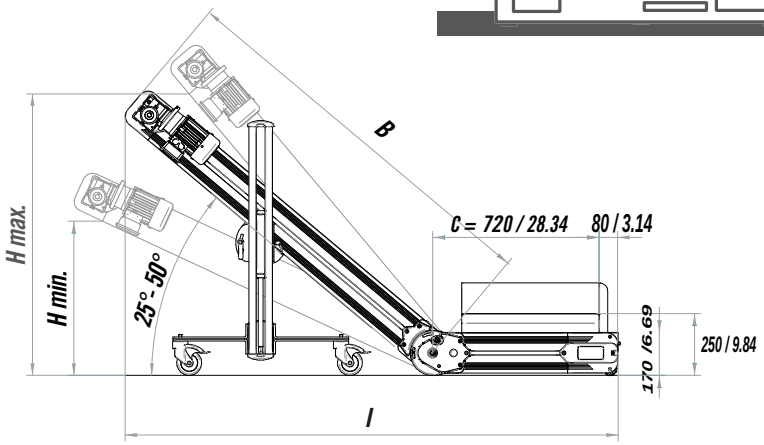
*Images and descriptions are only representational, not binding for orders and/or projects and can change at any time without notice. We have available a wide range of technical solutions for conveying, both standard and customized.

N-CPR

*Series with **directional change** and **adjustable incline***

→ *IMM: 80/250 tons*



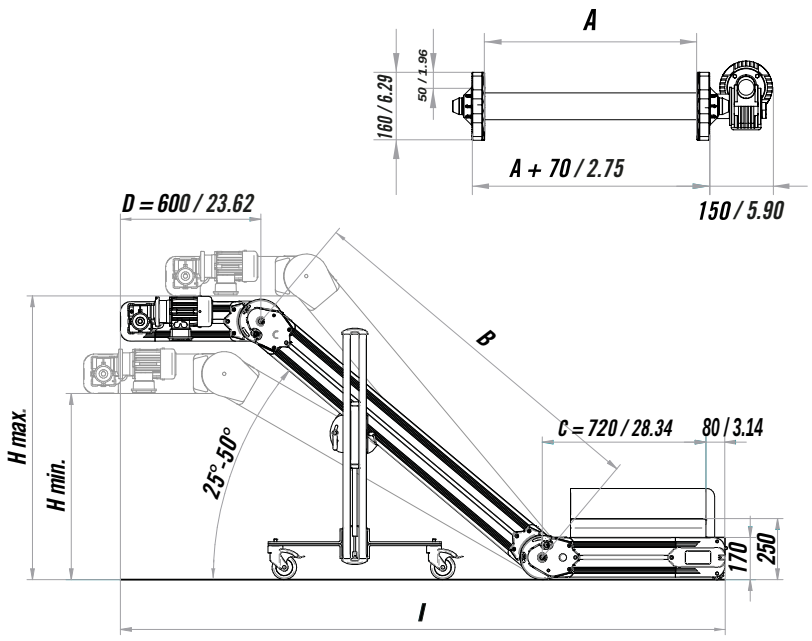


- **Power:** 0.12 kW
- **Speed:** 3.5m - 11.48ft / min fixed
- **Voltage:** 110V / 50-60 Hz standard; different voltage upon request
- **PU belt:** with h 35mm/1.37" slats, pitch 400mm/15.74"

NOTE: Dim. Max B+C = 6000 mm / 236.22"

	A	B	H min (25°)	H max (50°)	I (40°)
N-CPR.0	140mm / 5.51"	1500mm / 59.05"	550mm / 21.65"	1000mm / 39.37"	2000mm / 78.74"
N-CPR.1	240mm / 9.44"	1500mm / 59.05"	550mm / 21.65"	1000mm / 39.37"	2000mm / 78.74"
N-CPR.2	340mm / 13.30"	1800mm / 70.86"	650mm / 25.59"	1250mm / 49.21"	2250mm / 88.58"
N-CPR.3	440mm / 17.32"	2000mm / 78.74"	750mm / 29.52"	1400mm / 55.11"	2400mm / 94.48"
N-CPR.4	540mm / 21.25"	2000mm / 78.74"	750mm / 29.52"	1400mm / 55.11"	2400mm / 94.48"

N-CPTR

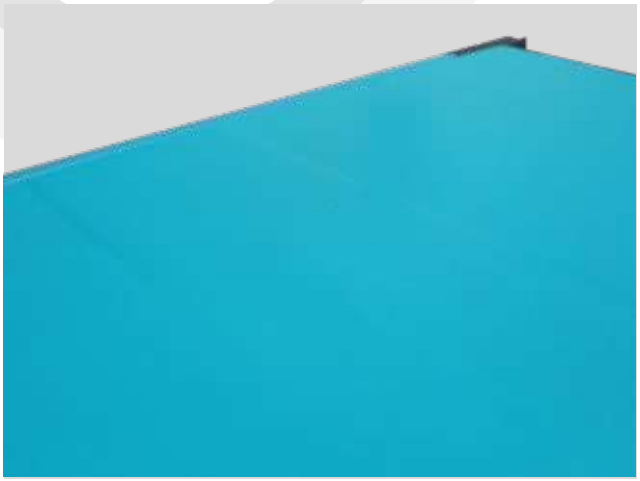


- **Power:** 0.12 kW
- **Speed:** 3.5m - 11.48ft / min fixed
- **Voltage:** 110V / 50-60 Hz standard; different voltage upon request
- **PU belt:** with h 35mm/1.37" slats, pitch 400mm/15.74"

NOTE: Dim. Max B+C = 6000 mm / 236.22"

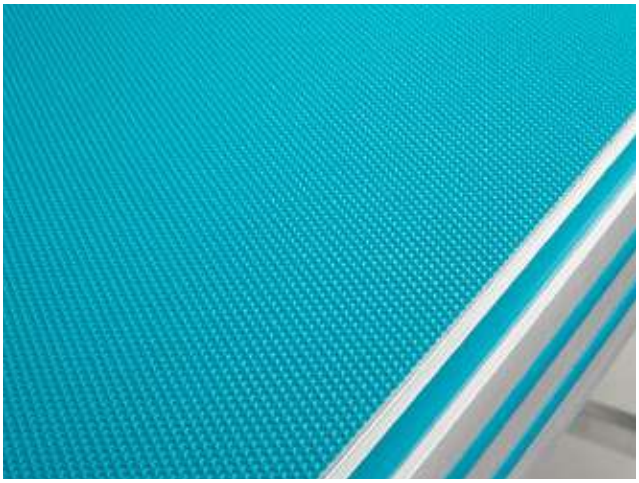
	A	B	H min (25°)	H max (50°)	I (40°)
N-CPTR.0	140mm / 5.51"	1500mm / 59.05"	550mm / 21.65"	1000mm / 39.37"	2000mm / 78.74"
N-CPTR.1	240mm / 9.44"	1500mm / 59.05"	550mm / 21.65"	1000mm / 39.37"	2000mm / 78.74"
N-CPTR.2	340mm / 13.30"	1800mm / 70.86"	650mm / 25.59"	1250mm / 49.21"	2250mm / 88.58"
N-CPTR.3	440mm / 17.32"	2000mm / 78.74"	750mm / 29.52"	1400mm / 55.11"	2400mm / 94.48"
N-CPTR.4	540mm / 21.25"	2000mm / 78.74"	750mm / 29.52"	1400mm / 55.11"	2400mm / 94.48"

BELTS | *Finishing details*



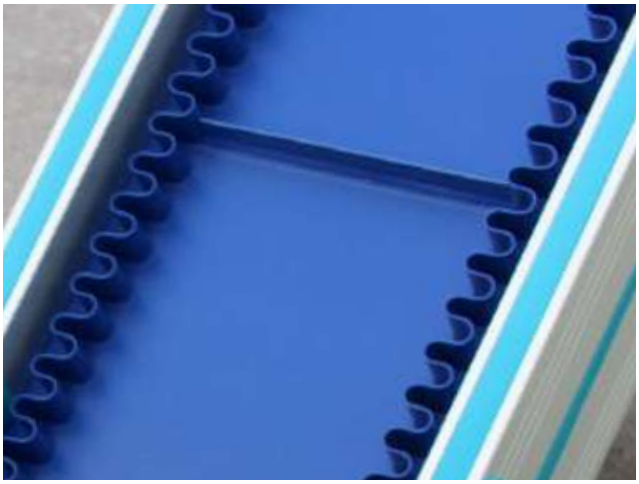
STD SMOOTH BELT IN PU

SMOOTH BELT IN PU WITH SLATS



HIGH-GRIP BELT IN PU

WHITE BELT IN PU WITH SLATS



BLUE BELT IN PU WITH SPONDAFLEX

WHITE BELT IN PU WITH SPONDAFLEX

**Images and descriptions are only representational, not binding for orders and/or projects and can change at any time without notice. We have available a wide range of technical solutions for conveying, both standard and customized.*

RP BELTS

Finishing **details**

STANDARD PLASTIC BELT

GREY PLASTIC BELT

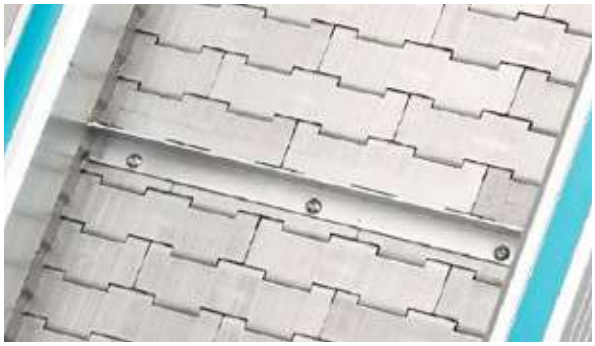
Torque wrench

- to test the tension of PLASTIC AND METAL BELTS
- CHECK TIMING: see instruction and maintenance manual

PERFORMATED PLASTIC BELT

STANDARD METAL BELT (HIGH-GRIP)

SMOOTH METAL BELT



HIGH-GRIP PERFORATED METAL BELT

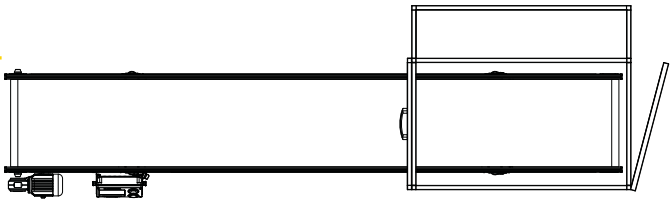
METAL MESH BELT

PA ROBOTS

PHOTO GALLERY

Standard logics functionalities installed in the top control panel between conveyor and robot.

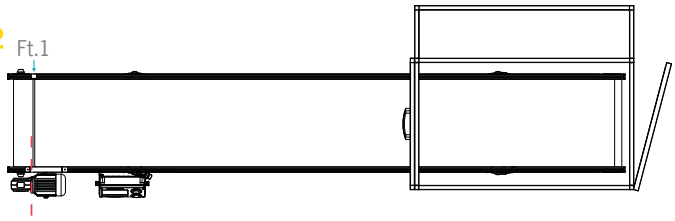
01



01 ROBOT/PULSE Program

- A robot releases the product on the conveyor and sends a voltage-free A/C signal to the control panel, activating the belt.
- Run time of the conveyor is adjustable.
- When the run time ends, the conveyor stops and waits for the next signal from the robot.

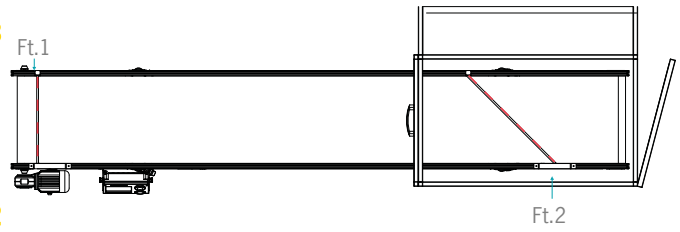
02



02 ROBOT/PULSE Program + Photocell Ft.1

- In addition to program 01, a photocell is positioned at the end of the conveyor as an overflow function.
- When the product enters its visual field, the photocell Ft.1 sends a signal to the control panel which activates the alarm and stops the conveyor.

03



03 ROBOT/PULSE Program + Photocell Ft.1 and Ft.2

- In addition to programs 01 and 02, there is a third photocell Ft.2 that checks the robot deposit area for any obstruction. If any object is detected, the robot movement is disabled.

03

PA Conveyor working with a robot

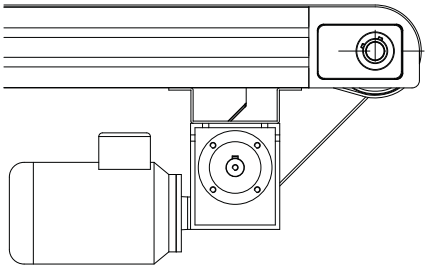
- The photo shows the installation of a PA conveyor on a IMM connected to two robots.
- The application accumulates the products one on top of each other in a determined number of rows. Advancement of the conveyor is timed by the control panel (see program 01).

STANDARD HEADS

Options for PA conveyors

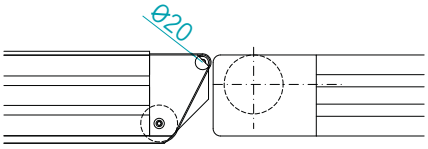
T1

- Head roller diameter 120 mm.
- Used with products with dimensions greater than the width of the conveyor.
- The belt runs above the conveyor main side frame.



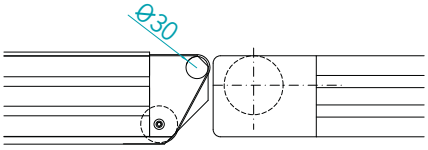
T2

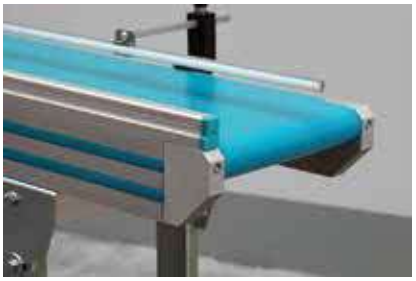
- Head roller diameter 20 mm.
- This solution facilitates the passage of small products from one conveyor to another.



T3

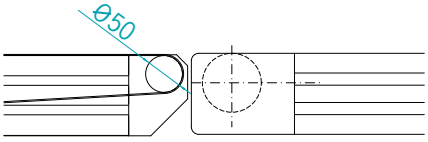
- Head roller diameter 30 mm.
- This solution facilitates the passage of small products from one conveyor to another.

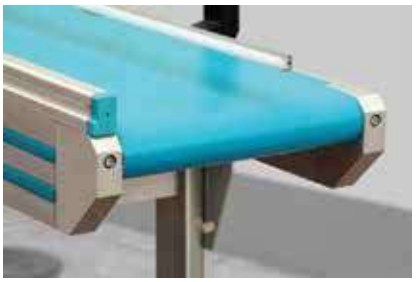




T4

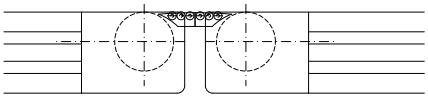
- Head roller diameter 50 mm.
- This solution facilitates the passage of small products from one conveyor to another.





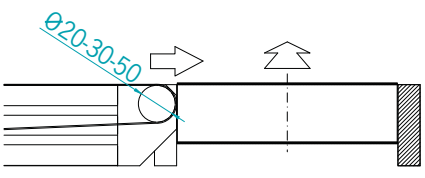
T5

- Head roller complete with roller inserts.
- This solution facilitates the passage of small products from one conveyor to another as long as the surface of the product resting on the conveyor is perfectly flat.



T6

- Example of orthogonal passage between two conveyors.
- This option requires the product shape information to better optimize "product conveying"

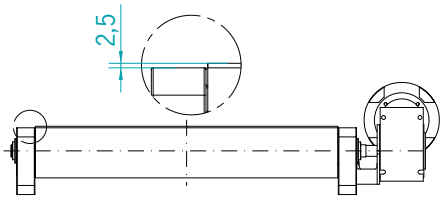


**Images and descriptions are only representational, not binding for orders and/or projects and can change at any time without notice. We have available a wide range of technical solutions for conveying, both standard and customized.*

STANDARD SIDE PANELS / for PA and PA 180 conveyors

S1

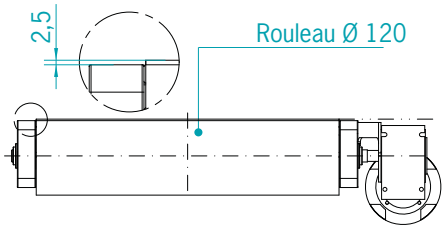
- PA without side panels.
- Used when workers are directly above the conveyor.
- When the product width is greater than that than the conveyor belt and it is removed before reaching the end of the conveyor gear motor assembly.



Only for PA

S2

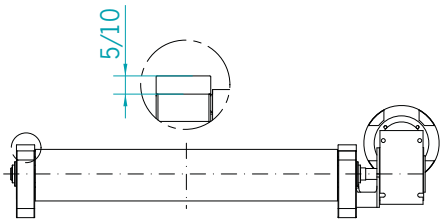
- PA without side panels and with motor under the belt.
- For conveying products with dimensions greater than the conveyor width.



Only for PA

S3

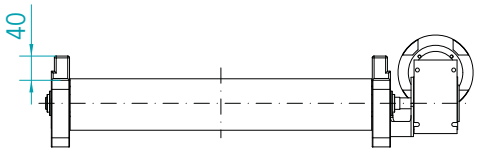
- PA with side panels made of 5/10 mm thick Polyzene plate.
- This solution is for large size and high speed products that require a minimum containment on the belt.



Only for PA

S4

- PA with h. 40 mm side panels.
- Solution proposed when side panels are required, limiting the height of the conveyor.

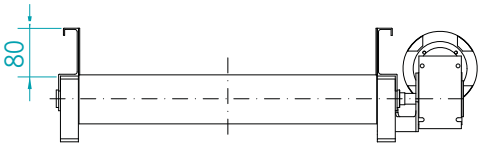


PA and PA-180

S5

- PA with h. 80 mm side panels.
- Solution for allowing top installation of:

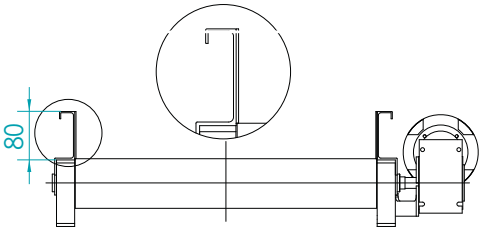
- protective polycarbonate or aluminium sheet guards;
- tunnel for cooling the product.



Only for PA

S6

- PA with h. 80 mm Teflon-coated side panels.
- Solution for a fragile product where even the slightest contact with the aluminium side panels can damage it.



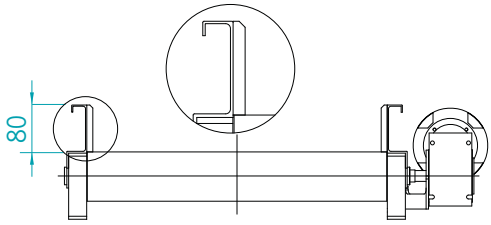
Only for PA

Images and descriptions are only representational, not binding for orders and/or projects and can change at any time without notice. We have available a wide range of technical solutions for conveying, both standard and customized.

SIDE PANELS

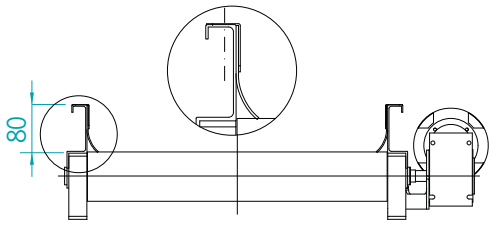
S7

- 80 mm h. side panels with polyzene inner cladding.
- Solution for food/pharmaceutical products when contact with non-FDA approved surfaces is needed.



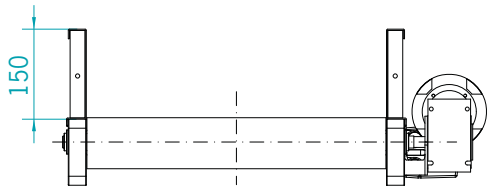
S8

- Side panels made of AISI 304 stainless steel h. 80 mm complete with shim strip.
- Solution to be proposed when the food/ pharmaceutical product must not come in contact with non-FDA surfaces.
- The shim strips ensure side sealing between the sides and the belt.



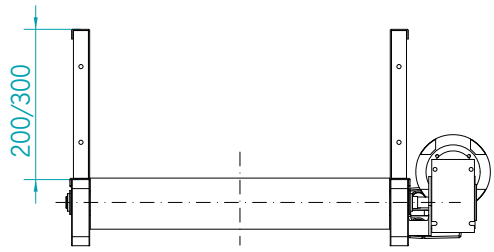
S9

- Side panels made of AISI 430 stainless steel h. 150 mm.
- For conveying products in large sizes and/ or quantities.



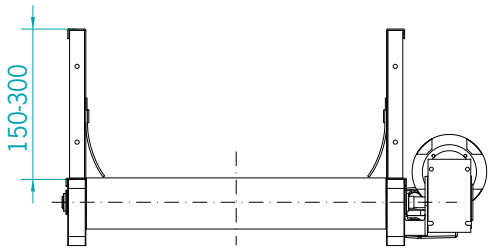
S10

- Side panels made of AISI 430 stainless steel h. 200/300 mm.
- For conveying products in large sizes and/ or quantities.



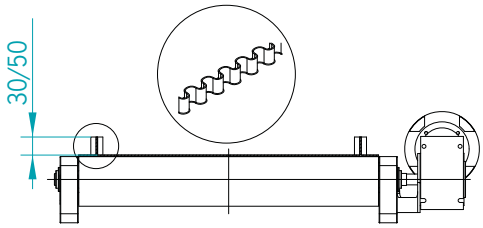
S11

- Sides made of AISI 430 stainless steel h. 150/200/300 mm complete with shim strips.
- For conveying products in large sizes and/ or quantities.
- The shim strips ensure side sealing between the sides and the belt.



S12

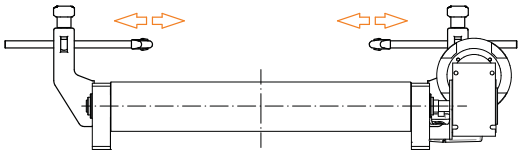
- Belt with lateral Sponda flex.
- Solution for small, sharp or thin part.



SIDE PANELS

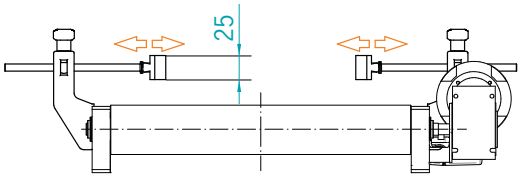
S13

- Polyzene side panels adjustable for width.
- For conveying and guiding containers and/ or products of different dimensions.



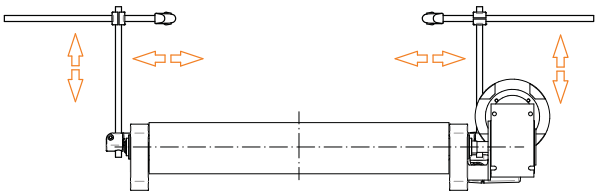
S14

- Polyzene side panels adjustable for width.
- For conveying and guiding containers and/ or products of different dimensions.



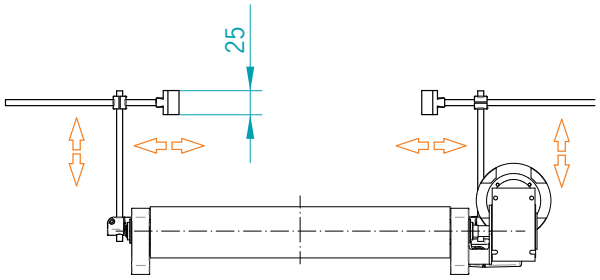
S15

- Polyzene side panels which can be adjusted for width and height.
- For conveying and guiding containers and/ or products of different dimensions.



S16

- Polyzene side panels which can be adjusted for width and height.
- For conveying and guiding loose medium and large sized products.



S17

- Central partitions which can be adjusted for height and width.
- For conveying different products at the same time without mixing them.