

Fabric belt Type 400 Rapid curved belt conveyor

Suitable for:



“Reliable curved transport”

The Type 400 Rapid curved belt conveyor ensures a smooth transfer of small delicate products by the narrow rolling nose bar (Ø16 mm).

The solution to your logistics requirements when:

- A small inner radius is needed
- A small, Ø16 rolling nose bar is needed
- A belt speed of 150 m/min required is

The advantages of the Type 400 Rapid curved belt conveyor:

- The unique circumferential drive guarantees reliability and slip-free transport
- Delivered with an inspection window for indicating maintenance status
- Easy to scrape

Marvu offers the following versions of Rapid:

- Rapid ‘Basic’: metal sheet support to support the product. Is used when non or less-polluting products needs to be transported.
- Rapid ‘Easy Clean’: with belt lifters. Is used when cleaning dry or with wet towel is customary.
- Rapid ‘Wash Down’: entirely in stainless steel with belt lifters. Is used when wet cleaning is required.



Fabric belt

Type 400 Rapid curved belt conveyor

TECHNICAL SPECIFICATIONS

Version	Basic, easy clean or wash down
Construction	Round stainless steel construction and plastic parts
Standard transport angles	30° - 45° - 60° - 90° - 180°
Outer radius	550 – 3000 mm
Working height	Minimum 125 mm
Belt width	Belt width infeed or outfeed conveyor + 100 mm (200 - 2000 mm)
Belt speed	Maximum 100 m/min (outer radius)
Conveyor belt type	Two-layer blue fabric
Operating temperature belt material	-30°C - 80°C
Product weight on the belt	30 kg/m ² (evenly spread)
Nose bar	Rolling Ø16 mm or Ø75 mm (Ø20 mm or Ø79 mm on the belt)
Drive unit	Circumferentially driven SEW IE3 gearmotor
Direction of rotation	Clockwise/counterclockwise
Drive position	At belt end pulling/pushing
Chain type	Side-bow chain steel nickel plated
Connection belt/chain	Elastic belt connector
Chassis	Stationary/mobile
Electric power supply	Operating switch

OPTIONS

- Quick belt release
- Removable nosebar
- Fixed belt scraper
- Removable belt scraper
- Heated belt scraper
- Single-layer fabric belt
- White fabric belt
- Lubrication unit for the chain
- Ventilator for the chain
- Detent mechanism for the preceding and/or subsequent machine
- Rolling knife edge Ø8 mm
- Drive unit below (transmission by geared belt)
- Curved belt with sealed edges
- IE4 motor with a conical wheel gear unit
- Cable tube 1800 mm high
- Cable shafts
- Stainless steel control cabinet with frequency inverter

BELT TYPES



Fabric belt

Different dimensions on request. Please email sales@marvu.nl.



Basic version



Easy clean version



Wash down version



Belt scraper



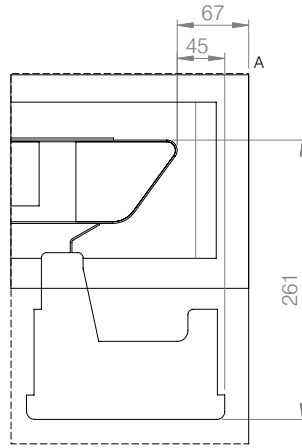
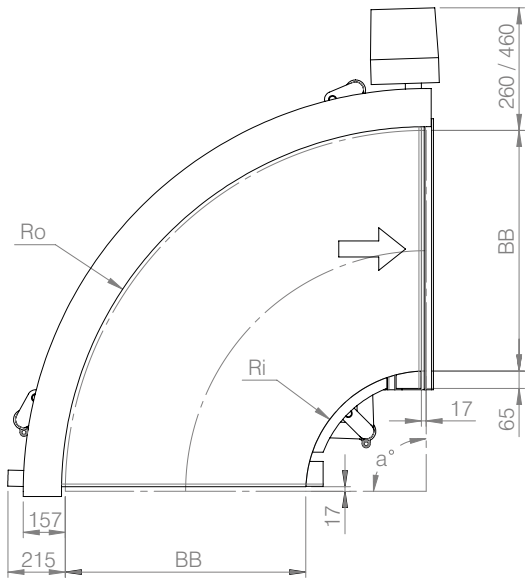
Automatic lubrication system



Inspection window



DRAWINGS



DETAIL A
SCALE 1 : 5

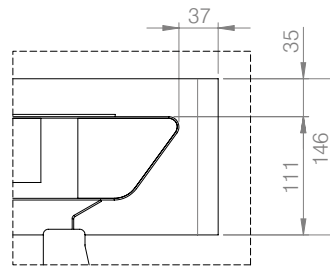
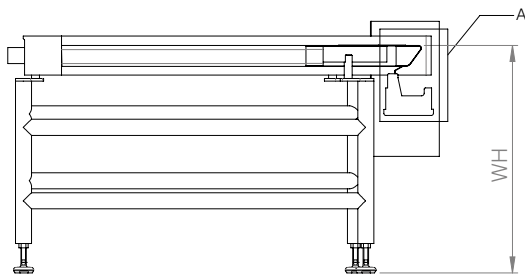
Key to symbols

- Ro Outer radius
- Ri Inner radius
- a° Transport angle
- BB Belt width
- WH Working height
- F Adjustment range

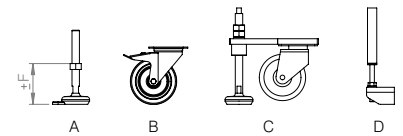
Type Adjustment range

- A ± 50 mm
- B ± 25 mm
- C -10 mm + 40 mm
- D ± 50 mm

Undercarriage types A and B can also be made with an adjustment range of ± 150 mm.



DETAIL A
SCALE 1 : 5



Transport angle W = 30° - 45° - 60° - 90° - 180°

Outer radius Ro in mm

Useful belt width BB in mm	Outer radius Ro in mm																		
	3000	2850	2700	2550	2400	2250	2100	1950	1800	1650	1500	1350	1200	1050	950	850	750	650	550
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Standard dimensions

Different dimensions available on request

About Marvu | 'Excels in connecting'

Marvu specialises in internal transport systems for the food processing industry. Since the company's foundation in 1993, we have been making transport systems and special machines for bakeries and patisseries, meat, seafood, convenience food and fresh produce processing plants, and the dairy industry.

The high-quality manufacturing techniques we use in an efficient, ergonomic and hygienic work environment are based on our solution-driven approach and harness our wealth of knowledge of the food processing industry.

Our fast and effective service response minimises production downtime. Marvu can take on all aspects of the development and manufacturing of food processing machinery from advice, design, production, assembly and commissioning to service and overhaul.

Our team would be glad to assist you and can provide a tailored solution for any logistics requirement. For us, a project is only successfully completed when you are satisfied!

In short, what's stopping you from challenging Marvu to find a solution for you?

food
processing equipment