

POWERED LIGHT-DUTY CONVEYOR TECHNOLOGY

Powered flexible roller conveyor ASCRB 40



PRODUCT DESCRIPTION

The powered flexible roller conveyor ASCRB 40 is used for transporting goods that must be moved horizontally, such as containers and cardboard boxes. Thanks to its variable design, this flexible roller conveyor is particularly suitable for loading and unloading vehicles and for linking machines and systems. In addition, the flexible roller conveyor can be easily and compactly folded up and quickly moved to its place of use.

TECHNICAL SPECIFICATIONS

Section load (max.)	50 kg/m
Ambient temperature	+5 to +40°C
Installation area	Operation in closed spaces, protected from precipitation

GENERAL

Nominal width	600 / 750 / 900 mm ¹⁾
Roller pitch	45–125 mm (fully adjustable)
Conveyor length	Min. 1,350 to max. 20,000 mm (element length retracted 450 mm, extended 1,250 mm)

IDLER ROLLER

Roller type	Idler roller with plastic roller bearing (deep groove ball bearing)
Roller diameter	40 mm
Roller material	Galvanised steel

PERFORMANCE DATA

Connection ²⁾	220–240 V or 380–415 V, 50 Hz, protection class IP 54
Speed (max.)	10–40 m/min., adjustable

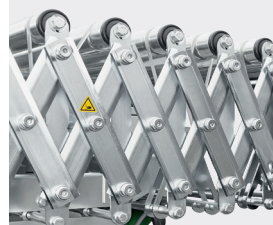
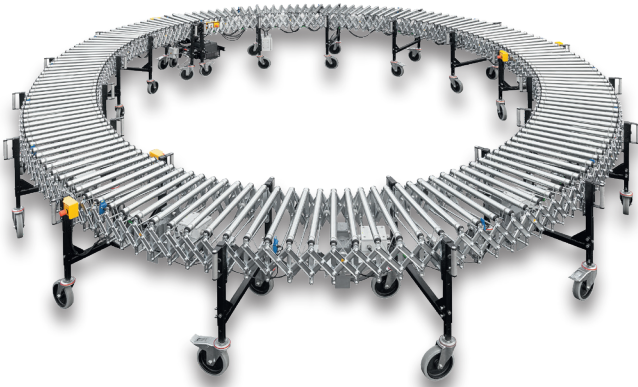
DESIGN

Frame	40 × 40 mm welded square tube, powder-coated in standard RAL colour, galvanised scissor elements
Rollers	Swivel rollers Ø 200 × 50 mm, alternating with and without locking function

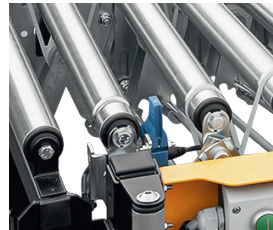
1) Other nominal widths on request
2) One drive per element

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Thanks to highly flexible scissor elements, even 360° concentric runs can be achieved with a sufficient number of elements.



To cover longer distances, two flexible roller conveyors can be connected. The accumulation function remains available.



The flexible roller conveyor is operated via a switch console at the start of the conveyor, located below the scissor elements.



The classic control cabinet is no longer required. The frequency inverter is integrated in a drawer and can be pulled out from the side. Emergency stop switches are located at the start and end of the conveyor and at every 12,000 mm.



The flexible roller conveyor is equipped with solid ergonomic handles made of 30 mm stainless-steel tubes.



Swivel castors with a diameter of 200 mm ensure very good manoeuvrability and rolling. Every second support is equipped with a pair of swivel castors with locks.