

RM 8210 / 8212

Interroll Roller Conveyor

Straight

400 V powered



Product Description

The roller conveyor powered by 400 V is available in 2 operating modes.

The permanently powered flat belt conveyor RM 8120 serves as a transport conveyor that requires only one 400 V drive for long distances up to 15 m.

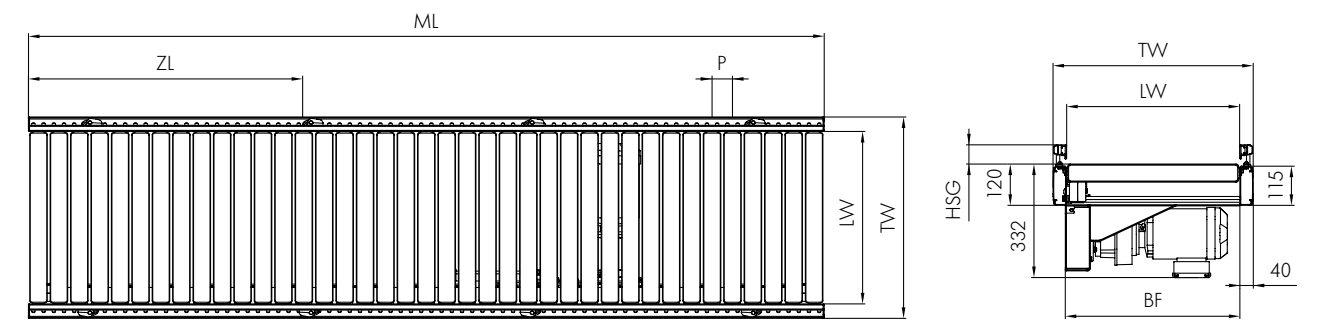
With the use of electrical actuators, the conveyor can also be operated as zero pressure accumulation conveyor (RM 8212), either completely or partially. These actuators, which can also be retrofitted, are powered by 24 V drives and can be controlled by the Interroll controllers for zero pressure accumulation operation.

Technical data

General technical data	Max. load capacity*	50 kg/m
	Transport conveyor speed*	0.1 to 2.0 m/s (at 50 kg/m or zone)
	Zero pressure accumulation conveyor speed	0.1 to 1.4 m/s
	Incline/decline	Not suitable
	Ambient temperature	+5 to +40 °C
Roller	Roller type	Interroll Series 1700
		Interroll Series 3500 (zone conveyor)
	Roller diameter	50 mm
	Roller material	Steel 1.5 mm, zinc-plated
Drive	Rated voltage	400 V
	Rated voltage, actuator	24 V
	Drive medium	Flat belt (transport) PolyVee (zero pressure accumulation)
	Torque transmission	Roller-to-Roller (zero pressure accumulation)

* The combination of maximum values is not always possible.

Dimensions



BF	Between frames	420, 620, 840 mm others on request
LW	Lane width	BF (+120/-90 mm per side with flexible side guide)
ML	Transport module length	Max. 15,000 mm
	Zero pressure accumulation module length	Max. 6000 mm, ZL x number of zones (max. 6 zones per 400 V drive)
ZL	Zone length (optional)	Number of rollers x P
TW	Module width	BF + 80 mm
P	Roller pitch	60/90/120 mm
HSG	Height side guide	35 - 65 mm

Scope of supply

- Module is completely assembled, except for the flat belt
- Please order support stands and end caps separately
- Zero pressure accumulation version is prewired
- Supply incl. 1 sensor per conveyor/zone
- Delivery without bus (communication) cable for zero pressure accumulation variant

Actuators for generating an accumulation zone can generally be retrofitted. When ordering, please remember that rollers with Poly-Vee head are required.

If a slave curve is driven by a straight conveyor, the max. module length is reduced by 3000 mm, for 2 curves by 6000 mm.