

Fact sheet

RoundTrack® Pulse conveyor system

Description

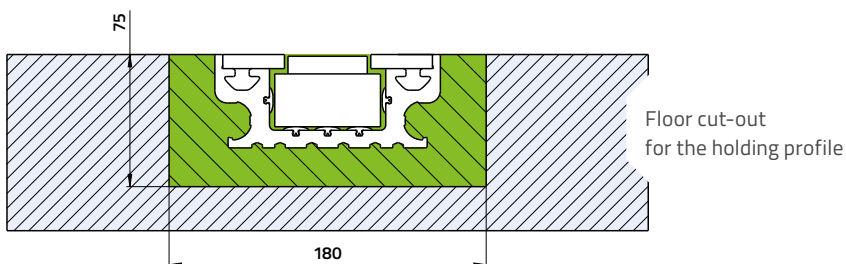
For an ergonomic flow assembly on the RoundTrack® line up to a total weight of 400 tons. Enables to move your components to the next workstation automatically.



Carbon-reinforced timing belts are the heart of the drive unit

Advantages

- Increased productivity in the assembly line by fixed strokes
- Just one drive unit which allows to move all carts on the entire line simultaneously
- Higher work safety
- High economic efficiency through carts without drives
- Complete floor area closed
- Holding profile embedded on floor level like the RoundTrack®
- Green Technology – low energy consumption
- Easy to use
- Low maintenance
- Can be retrofitted
- No obstacles, as the drive is installed on the floor level



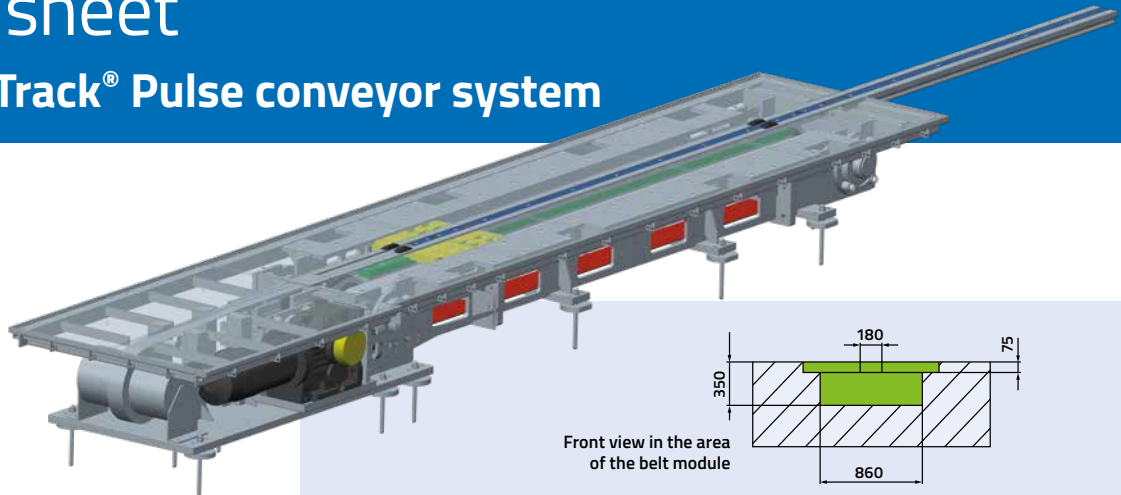
Floor cut-out for the holding profile

Holding profile in the floor for guiding the pull rod

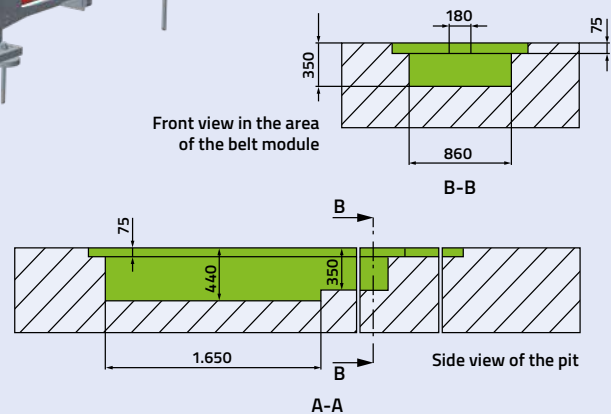


Fact sheet

RoundTrack® Pulse conveyor system



Installation dimensions of the pit
for the underfloor drive



Max. load to pull	Up to 400 tons on the entire RoundTrack® line
Cycle length	The cycle length is freely definable according to customer requirements
Cycle time	The cycle time is also freely definable according to customer requirements
Speed	Up to: 3 m/min (Depending on the total weight and the local conditions)
Controls	Siemens S7 with SEW frequency converter
Safety device	<ul style="list-style-type: none"> ▪ Continuous speed monitoring ▪ Mechanical torque monitoring ▪ Emergency Stop switch at each pulse station ▪ Acknowledgement at each cycle station prior to cycling
Energy consumption of the drive unit	8 kW/h (depending on the cycle time and speed)
Application	Suitable for all RoundTrack® sizes: <ul style="list-style-type: none"> ▪ RoundTrack® 25 ▪ RoundTrack® 40 ▪ RoundTrack® 60 Can also be retrofitted, if the track gauge is $\geq 1,250$ mm

