

FLOOR CONVEYOR POWER & FREE

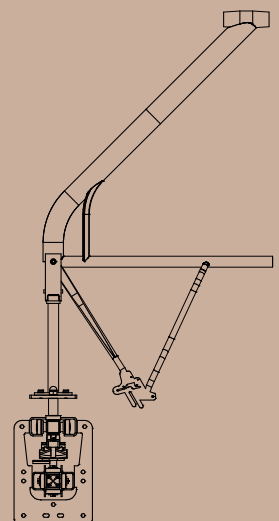
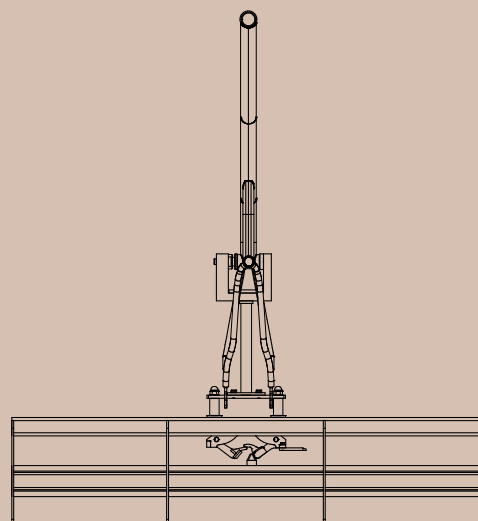
TYPE F1 INVERTED

The F1 Inverted Power & Free system is based on the original TELEFLEX T1 Power & Free overhead conveyor system that is on the market for over 50 years. Using this proven technology makes the F1 Inverted P&F system very reliable, easy to maintain and flexible in use and design.

The system can transport loads up to 300kg with high stability and accuracy and is specially designed for the use in paint finishing and assembly lines.

The F1 Inverted P&F uses the unique helical drive system guarantying a smooth and shake free transport of products.

Because of it's reliability and durability the F1 conveyor is often used as the main logistic system for production processes in the automotive industry.



RAILTECHNIEK VAN HERWIJNEN BV

SPECIALISTS IN OVERHEAD CONVEYOR SYSTEMS



Technical data:

Chain pitch:
 Max. load per trolley
 Max. load per load bar
 Max. temperature
 Bearing options

customizable distance
 150kg
 300 kg (with two trolleys)
 250°C
 fully sealed / open

Horizontal bends

Degree
 Minimal bend radius

15° - 30° - 45° - 60° - 90°
 R750mm for chain pitch 203.2mm
 R850mm for chain pitch 300mm

Vertical bends

Degree
 Minimal bend radius

15° - 30°
 R1118 for chain pitch 203.2mm
 R1550 for chain pitch 300mm

Drive unit

Helical drive unit

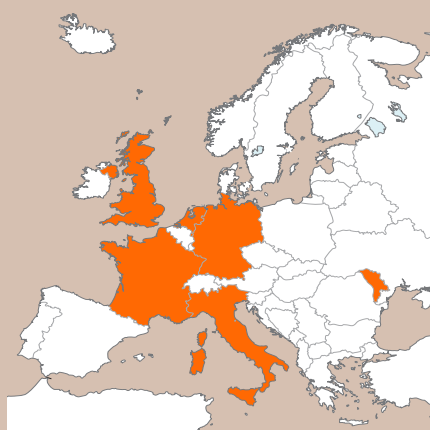
max. pull 5000N
 max. speed 12mtr/min

Other available components are switches, stops stations, lubrication units, tension units and rotation devices.

The F1 Inverted P&F can be utilized with an advanced in-house designed PC/PLC control system with track and tracing, visualization and data connections to ERP systems.

Further information is available on request.

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