

SCHILCHER
Maschinenbau GmbH ■ ■ ■ ■

*Innovation
in Motion*



MASTERtruck 100

RACK-AND-PINION TRANSPORT SYSTEM

MASTERtruck100

General Data

Machine drawing	MASTERtruck100, Rack-and-pinion transport system
Finish	RAL 7035, RAL 7016, RAL 3020
Total weight	approx. 15.000 kg

Technical Specifications

Length/width/height	approx. 42,000/1200/800 mm
Weight/pallet	max. 1600 kg
Length of transport	24 spaces (space to space 1750 mm)
Pallet types/length x width	1200x800/1200x900/1200x1000
Transport speed	approx. 10m/min
Positioning	by means of displacement transducer
Drive power	2 x 3.0 kW
Gear drive	Module 6
Guide rollers	Polyamide rollers, double ball-bearing mounted
Lubrication	Central oil lubrication
Controller	Siemens
Total drive power	6.0 kW
Connected voltage	400 V

General mode of functioning

The MASTERtruck100 is a completely new product developed and patented by SCHILCHER Maschinenbau GmbH. The characteristic feature of the system is that it is a special "continuous heavy-load rack-and-pinion transport system" that can be supplied in almost any length. The system is practically maintenance-free.

Pallets can be loaded with a MASTERcare150 pallet loader, for example, or by hand.

The MASTERtruck100 transports and loads a wide range of pallets automatically and accurately into the product handling area.

The loaded pallets can then be packaged and stored directly on the transport system on a regular cycle.

Packed units can be unloaded from the MASTERtruck100 either automatically or by fork-lift truck.

The MASTERtruck100 is a "standalone" machine and can be combined with any other machines.

