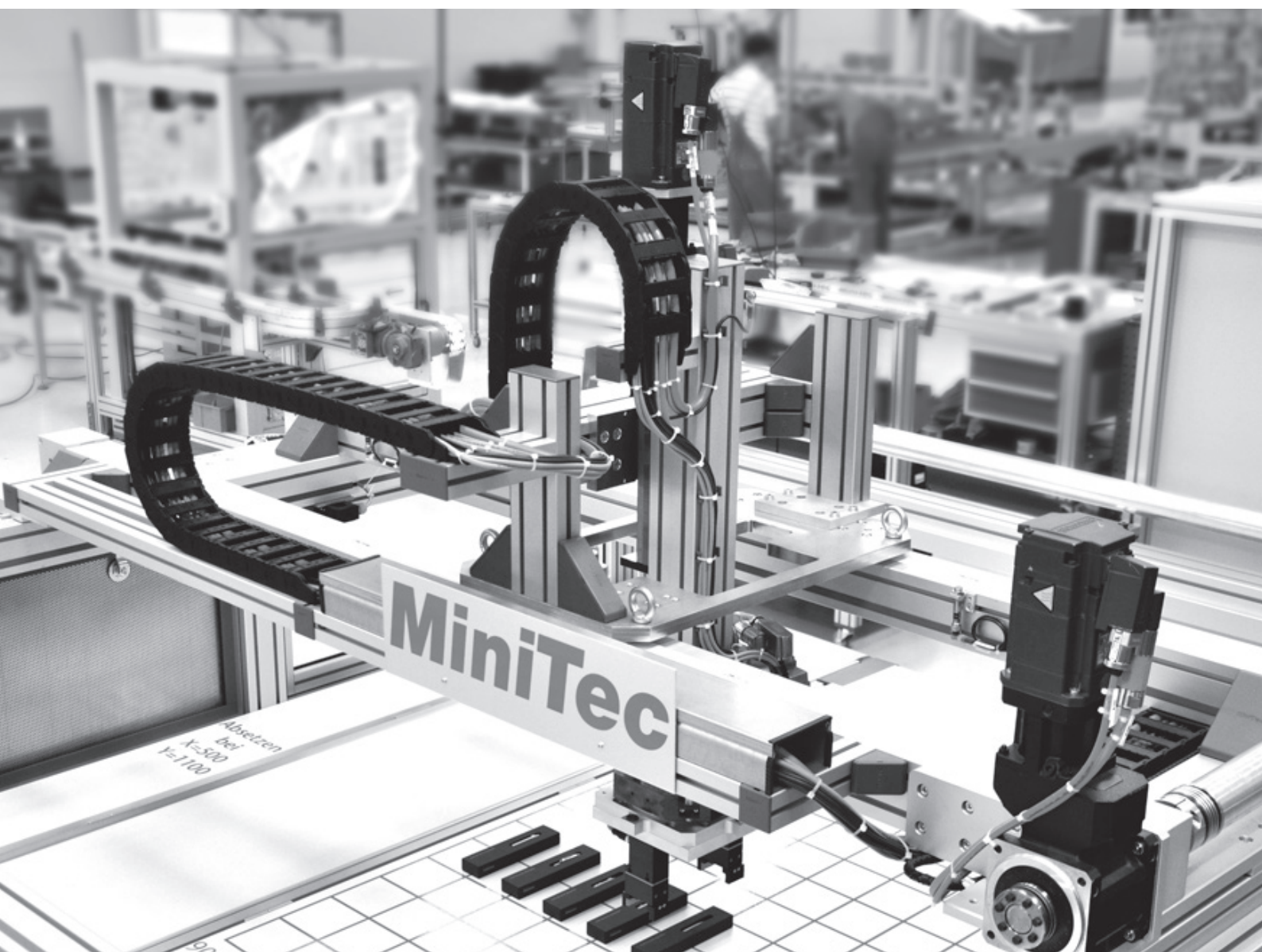


LINEAR MODULE LMZ 90 WITH TIMING BELT DRIVE

(Part no. 28.0400/0)

- Compact beam profile, with standard profile grooves, compatible with MiniTec construction profiles
- Integrated rail guide size 20
- With 2 slides covered by the timing belt
- Lubrication with intentional lubrication units for mileage up to 10000 km
- Slides made of aluminum, machined on all sides, with integrated timing belt tensioners for attachments with 6 connection threads M8
- 2 deflection units with precision ball bearings, mounted on carrier profile with MiniTec profile connectors, prepared for motor mounting with connecting shaft \varnothing 17 mm with feather key, adapter plate according to the desired engine specification processed. Other diameters for drive shafts on request.
- Feed: 200 mm / turn
- Max. permissible belt tension: 3500 N
- Timing belt 25 AT 10, reinforced steel wire, pre-tensioned
- assembled
- Max. travel X = 3,800 mm
- Attachment of switches on side profile grooves with standard components from the MiniTec profile system Travel speed: max. 3 m/s
- Basis weight: 5,200 g
- Weight per 100 mm travel: approx. 800 g



LINEAR MODULE LMZ 90 WITH TIMING BELT DRIVE

(Part no. 28.0400/0)

Delivery forms

- Fully assembled module with connection processing for the desired drive
- Fully assembled module with gearbox and motor to customer specification
- Fully assembled module with gearbox, motor and control according to customer specification

Assembly

- Pick-and-Place
- Gantry robot
- Measuring equipment
- Supply
- Handling facilities

Operating conditions

For self-supporting installation, the maximum permissible deflection from approx 3.5 mm to 4000 mm must be observed. It is recommended - especially at high dynamic load - to support the module at a distance of 300 to 600 mm.

Load rating N		Permissible stat tilting moments Nm		
Cdyn	Cstat	Mx	My	Mz
18800	24400	128	240	128

