

Pantographs

compliant with DIN 15560 T46

Pole-operated Pantographs

SZM 25.45 PO

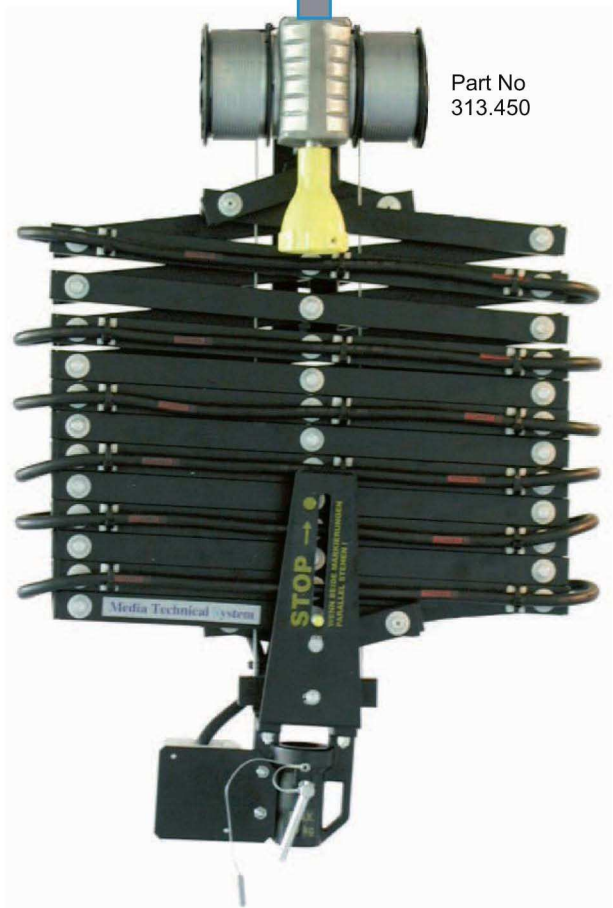
MTS pantographs are made of stable, powder-coated, high-precision, lightweight aluminium extrusions that provide a high level of twist rigidity. Guide plates above and below ensure high stability and low rocking of the extended pantographs. Both longitudinal axles are extremely precise, thus keeping radial deviations at an absolute minimum. The power cord is secured by three guiding points per segment. Thus, pinching and chaffing of power cords is almost impossible. Power connectors above and below are according to customer specification (Standard is Schuko).

The self-locking drive is mounted in an aluminium precision die-cast housing. The drive is maintenance-free and over-dimensioned for maximum operational safety. A maintenance-free brake on the cable drum limits the maximum extension.

Pantographs are hung by means of a DIN spigot (Ø 28 mm). Load attachment by means of a DIN socket (Ø 29 mm) with eye for safety cable. According to customer demands, crab trolleys in various versions for all kinds of rails, with or without pole-operated brake can be adapted.

All versions are fully compliant with safety standards BGV C1 (former VBG 70) and DIN 15560 T46. Registered type-approval code: 034503.

Options:
Crab trolley for 48 mm (2") pipes
Crab trolley for rail system Helm 300

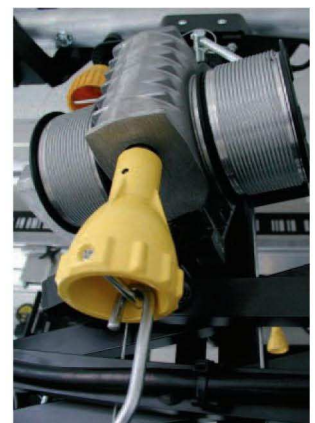


payload 30 kg

Studios of MDR Leipzig (Germany)

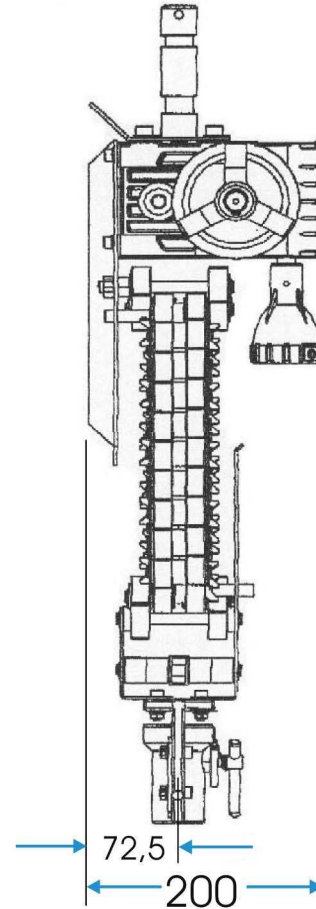
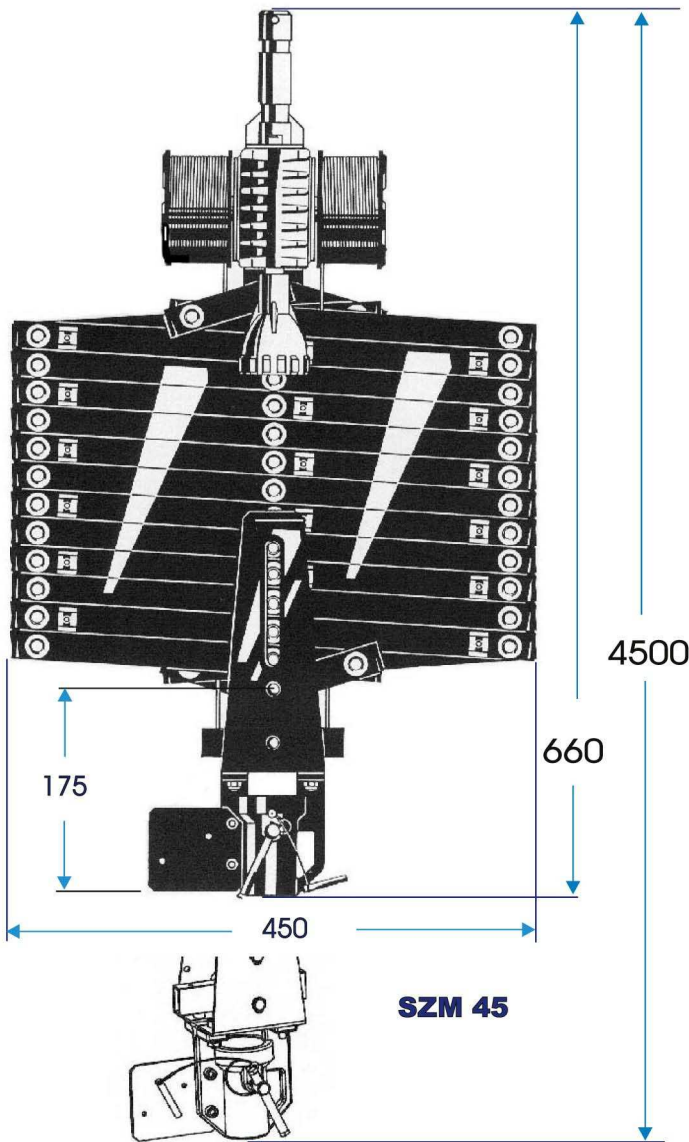


Pole-operated



Subject to change without prior notice

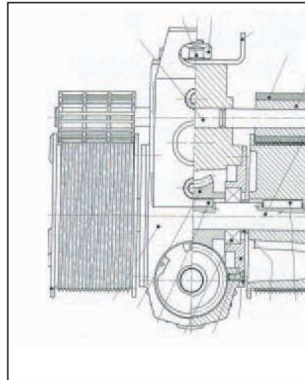
Pantographs compliant with DIN 15560 T46



Technical Data

closed length	560 / 660 mm
maximum extension:	2,5 m SZM 25 5.0 m SZM 45
payload	30 kg
two supporting cables	2 mm diameter
dynamically self-locking drive	
drive transmission:	1:20
Hangs by means of a DIN spigot	(Ø 28 mm)
load attachment:	DIN socket (Ø 29 mm)
Guidance of power cord:	Plastic clips
power cable:	3 x 2,5 mm ²
Power outlet:	16 A (Schuko, CEE 17 optionally)
dead weight:	approx. 13.5 kg
brake on cable drum limits maximum extension	
pole-operated	
test record	No. 994501
Standards:	BVG C1 (former VBG 70), DIN 15560 T46, EN 60204-1

Maintenance-free brake limits maximum extension



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