



SHUNTING TROLLEY SK 15/9/250/P

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ADVANTAGES

The SMT Scharf monorail shunting trolley offers a safe and economic solution for short range transport in adverse environments and limited space as e.g. in mining-, tunnelling- and pipe-jacking operations. Wear resistant friction wheels transfer the power to the I-beam rails that are suspended from roof bolts or arches.

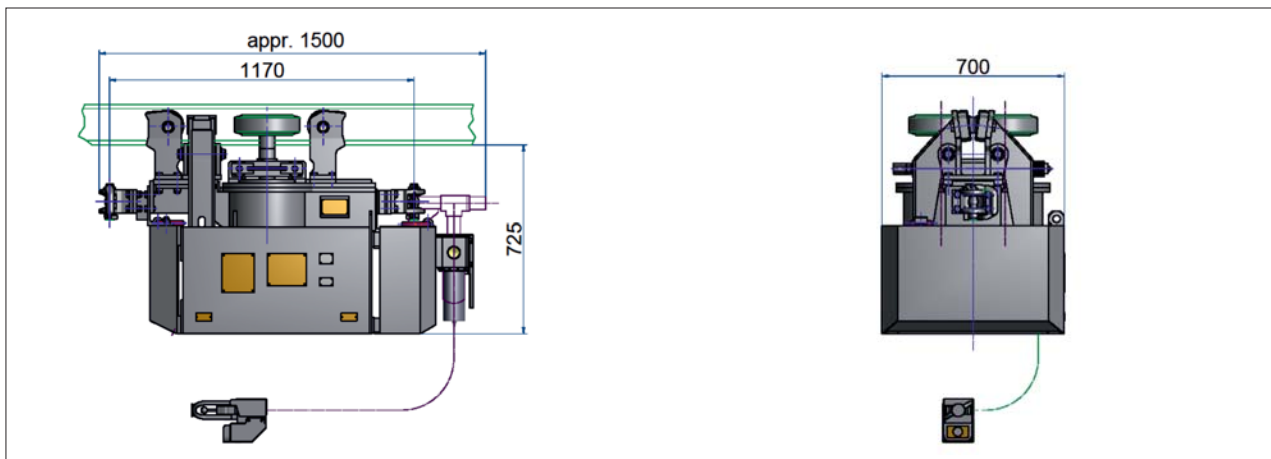
The very compact explosion-proof unit is powered either by hydraulic or pneumatic motors. For transport distances of up to 160 m a roof mounted air hose guiding system may be used.

Diesel and battery driven alternatives are also available. The drawbar pull of 15 kN allows the transport of up to 11 tons in a 5 degrees incline. Captivated trolleys and the fail-safe emergency brake allow for operation up to 25 degrees.

A light-weight hand control with a trailing cable allows to operate the unit from a safe distance.

Typically SMT Scharf monorail shunting trolleys are applied at material transfer points, at face entries in mine developments and in tunnelling operations e.g. for transferring tubbings.

DIMENSIONS



TECHNICAL DATA

Traction force:	15 kN at 4 bar 20 kN at 5.5 bar
Power at 4bar:	9 kW
Travelling speed (variable):	0 - 0.6 m/s
Static brake force:	40 kN
Air consumption:	at 4bar appr. 2.5 m ³ /Min at 6 bar appr. 1.8 m ³ /Min
Weight:	700 kg
Rail Profile:	I 140 E
Horizontal curve radius:	4 m
Vertical curve radius:	8 m