

FA 56 ED



The Salzgitter Roof Bolting Carriage FA 56 ED is based on the proven basic concept of the blast hole drill carriage BW 50, this means that most of the relevant assembly units of the chassis and telescopic boom are identical in construction with the BW 50. A 360° rotatable bolting turret is mounted at the top of the boom.

A slewable double turret, with lateral (chain driven) movable drill- and bolting drives, is used to set the drill holes and place the bolts into the roof. Flanged on the carriage is a linear magazine with a capacity of 20 expansion bolts. In this case (see picture) the bolt length is 1,80 Meter. The drill cuttings are vacuumed directly by the drill rod and the dust is stored in a filter bunker until manual withdrawal. The machine is controlled with a remote control; it allows the operator to work with the machine from within the safety zone. In case of missing electric connectivity, the machine can also be operated with the diesel engine. When the bolting turret is positioned, the installed PLC - System ensures a fully automated work process for drilling and bolting.

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Bolting Carriage
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Technical Data

Length	10.800 mm
Width	2.800 mm
Height	2.200 mm
Weight	16.500 kg
Power Diesel	63 kW
Power Hydraulic	37 kW
Climbing Ability	30 %
Max. Working Height	8 m
Capacity Magazine	20 bolts
RPM Drill Drive	600/850/1100 min ⁻¹
RPM Bolter	0 – 350 min ⁻¹
max. Torque	390 Nm
Bolt type	mechanical
Cap. of cable reel	160 – 220 m (depends on cable's diameter)

Working Area dimensions

