

GB 280



The SMAG Large Hole Drill is a machine for providing “in-break” drill holes. The GB 280 has three independent drilling drives, which in each case propel a drill rod with a diameter of Ø 280mm. The max. drilling depth is 7500mm. Even on rough surfaces a movable rod guidance system in the front area of the machine provides optimal rod guidance. Extendable cross-beams make it possible to drill 6 horizontal holes in parallel positions. With the optional vertical level control system installed it is possible to drill 12 holes in one drill set up. A central chain drive is used to feed the drilling drives and an electronic feed control system prevents the drill drives from overloading and/or deadlocking the drill rods.

The machine has an installed PLC System. The programming makes men less drilling in hazardous gas environments possible; a timer can be set to start the machine and activate the automated drill procedure, when finished the automation will put the machine back into transport position and power it down. The machine is controlled with a remote control; it allows the operator to work with the machine from within the safety zone. An onboard control console is optional available.

Large Hole Drill
GB 280

Large Hole Drill GB 280

Technical Data

Length	approx. 10.250 mm
Width	max. 3.000 mm
Height	approx. 1.700 mm
Height	1.700 – 2.200 mm (driver's cab)
Weight	14.500 kg
Gr.-Clearance	300 – 600 mm (under driver's cab)
Max. speed	18 km/h
Climb. Ability	30 %

No. of Augers	3
Ø Auger	280 mm
El. Power	3 x 18,5 kW / 1 x 7,5 kW
RPM Auger	60 min ⁻¹
Diesel Engine	63 kW air cooled/ 86 kW water cooled
Fuel Tank	97 l
Oil Tank	90 l

