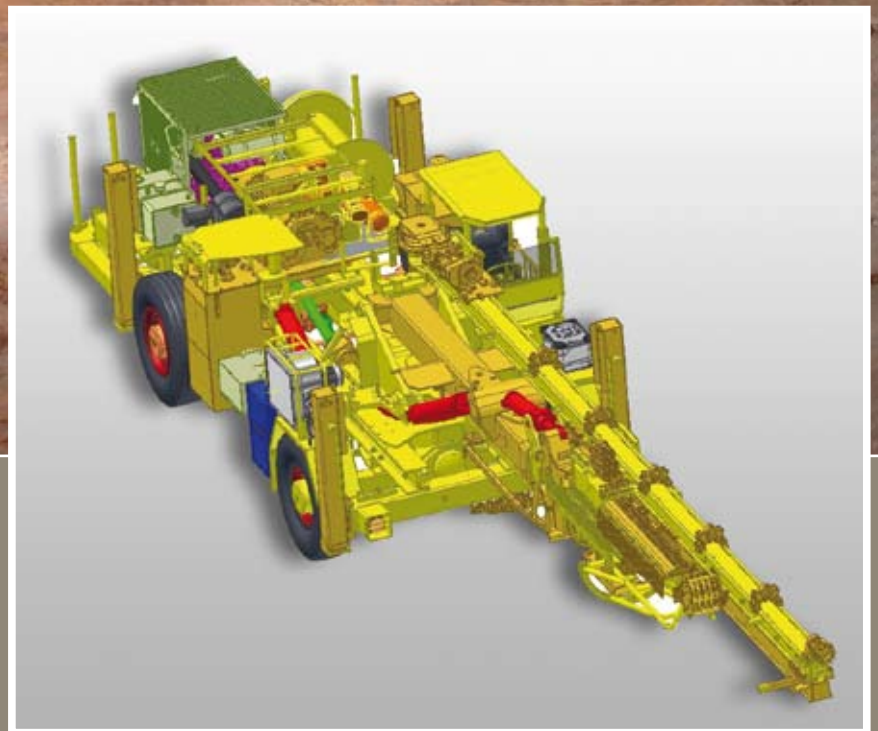


BW 50 E/HY



The Salzgitter blast hole drill BW50/BW51 has become the standard machine for German potash and salt mining. More than 100 machines of this type are in world wide use today; for instance in Russia and in the USA.

The machine is equipped either with an air- or water cooled diesel engine. A centralized electrical hydraulic system is responsible for all work functions. The onboard IBM-compatible industrial computer handles control and position monitoring. The shaft encoders at all joints and linear guidance's are processed by the computer to control all movements. The system provides the machine with a real parallel control allowing, among other things, a freely programmable position input. The mechanical accuracy is +/- 3 cm over the entire workspace. The built in computer-memory can store up to 1500 drilling position in 100 different drill programs. Selecting a single program will move the machine to the individual stored positions by the push of a button. The machine is operated with an all functions covering remote control. Depending on the design of the drill drive, drill bits from Ø34 mm to Ø60 mm are being used. Actual drilling time for a 7m deep drill hole varies, depending on the mineral, between 35 and 60 seconds.

**Blast Hole
Drill Carriage
BW 50 E/HY**

Blast Hole Drill Carriage BW 50 E/HY

Technical Data

| | |
|-------------------------|---------------------|
| Transport Length | 12.100 mm |
| Length (max.) | 19.800 mm |
| Height | 1.700 mm |
| Width | 2.890 mm |
| Working Area | 7000/8000 x 8300 mm |
| Power Diesel | 63 KW (Standard) |

| | |
|-------------------------|---|
| Power Elektro | ca. 45 KW |
| Ground Clearance | 300 mm |
| Tramming Speed | 18 km/h |
| Drill Drive | 15 kW (Electric), hydraulic hammer on demand |

Working Area dimensions

