



Drilling Jumbo EBW 48-1

With a staff of 400 in Germany and abroad HAZEMAG & EPR GmbH has been operating successfully for decades in the field of customer-oriented mining and tunnelling all over the world.

Economic coal mining can only be ensured by modern and reliable machines as well as by qualified service.

The single-boom drilling jumbo EBW 48-1 has an electro-hydraulic central drive, a hydraulic hammer for percussive drilling and has been constructed for the preparation of blast hole and anchor drillings as well as for roof bolting.

Its distinctive features are the following ones:

- low an compact design, which permits the application in small roadway cross sections
- parallel automatic in horizontal and vertical plane
- two front and two rear supports for improving the stability
- easy assembly and dismantling of the assembly groups and transport units

Our delivery program:

- Dinting loaders (Hausherr)
- Side discharge loaders (Hausherr)
- Road heading machines
- Hydraulic drilling jumbos
- TURMAG drilling machines
- Power station technology (service)
- HAZEMAG materials preparation technology

Technical Data Drilling Jumbo EBW 48-1

1. General		
Working area	m ²	approx. 48
Total length	mm	approx. 10360
Width	mm	approx. 1250
Height	mm	approx. 1400
Weight	t	approx. 14,5
Longitudinal inclination	gon	22,5
Cross inclination	gon	11
Temperature range of application	°C	-5 to +50
2. Crawler track assembly		
Construction size of crawler track assembly		B2
Centre distance	mm	1875
Track pad width	mm	350
Specific soil pressure	N/cm ²	11
Tractive force per chain	kN	52
3. Drill boom		
Stroke of telescope in drill arm	mm	1000
4. Telescopic drilling		
Stroke of telescopic cylinder	mm	1200
Stroke of feed cylinder	mm	1050
Working length of drill rods	mm	3000
5. Hydraulic drill hammer		
Rotation mechanism – max. torque	Nm	448
Rotation mechanism – max. speed	min -1	500
Impact device - impact energy	Nm	270
Impact device – number of blows	min -1	3000
6. Hydraulics		
Service pressure	bar	200
6.1 Oil tank		
Capacity	l	approx. 380
Temperature control	°C	70
Hydraulic fluid mineral oil, HLP 46		
7. Electrics		
Service voltage	V	380/660
Electric motor	kW	63
Electric equipment in flame proof design		



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