

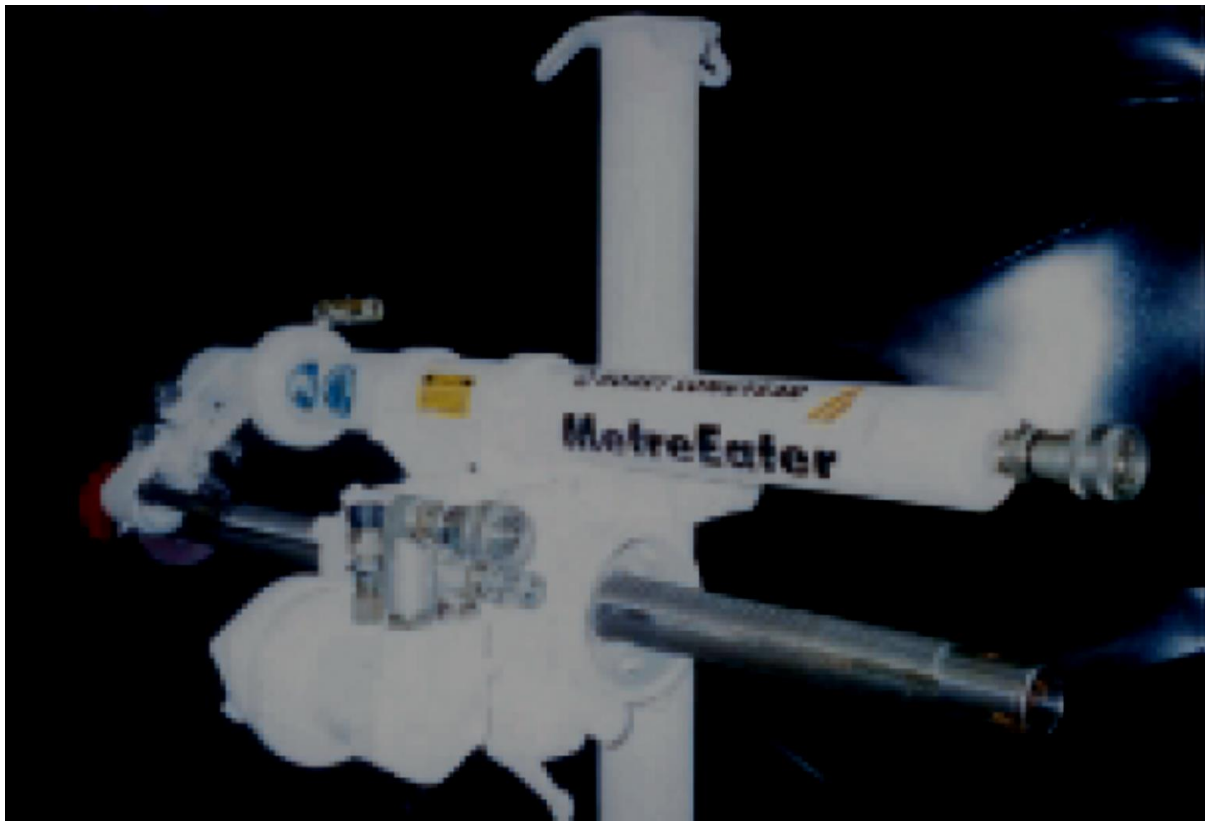
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BQ MetreEater® Hydraulic Diamond Drill:

Brochure



Title	Date	By	Sign	Approved	Sign
BQ MetreEater® Hydraulic Diamond Drill Brochure	11.6.20	I Omand		D Huddy	
Revision	Date	By	Sign	Approved	Sign

1. BQ MetreEater® Hydraulic Diamond Drill Specifications

Rated Capacity	190m horizontal – BQ Rod 150m vertical up or down – BQ Rod												
Spindle speed	0 – 2,000rpm												
Weight: Drill	125kg (incl. silencer)												
Bar Clamp	25kg												
Rod Puller	77kg												
Power Pack	45kW, Voltage to client specification (380 or 525v)												
Power	<table border="0"> <tr> <td>Output, kW</td> <td>Shaft rpm</td> </tr> <tr> <td>30</td> <td>2,000</td> </tr> </table>	Output, kW	Shaft rpm	30	2,000								
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Feed screw	ID suitable for BQ rods Overall Length: 1,700mm Feed Length: 1,000mm												
Chuck	3 jaw with recessed chuck screws, for up to BQ rod size												
Drill	Totally enclosed unit containing all moving parts. The hydraulic motor is an easily detachable sub-assembly.												
Feed gears	The drill is equipped with 3 feed gears, with available selection as follows: <table border="0" style="margin-left: 40px;"> <thead> <tr> <th></th> <th>Rev/cm advance</th> <th>Advance at 1,400rpm cm/min</th> </tr> </thead> <tbody> <tr> <td>Fine</td> <td>150</td> <td>6.6</td> </tr> <tr> <td>Medium</td> <td>100</td> <td>10.0</td> </tr> <tr> <td>Coarse</td> <td>78</td> <td>12.8</td> </tr> </tbody> </table>		Rev/cm advance	Advance at 1,400rpm cm/min	Fine	150	6.6	Medium	100	10.0	Coarse	78	12.8
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Feed gear change	Interlock system. Neutral / reverse position located between each gear. Fine is handle fully clockwise, medium is in the centre and coarse is fully counter clockwise.												
Mounting	Clamps fit 114mm (4 ½“) OD Pipe												
Angle of drilling	Designed to drill through 360°.												
Rod puller	80mm piston diameter; 760 mm stroke. 56mm piston rod diameter Capacity: Pushing 7,370kg@16MPa; Pulling 3,761kg@16MPa												



Special Features of Drill

- Suitable for all underground drilling operations.
- Simple to operate and maintain – uncomplicated and reliable
- Precision engineered to HUD (OEM) original drawings, specifications and materials
- All units thoroughly run tested prior to delivery, and issued with unique test certificate
- Supplied complete including rod puller and bar clamp
- Rugged rod puller which is easily removed from rigging, with long lasting seal and robust 56mm dia. Piston rod
- Labyrinth seal on the quill for added dirt and water protection

Hydraulic Power Pack

- Fully integrated power pack and control console – simpler system, more efficient, less hoses on the ground, spares
- 45kW power pack, voltage to client specs (380 or 525v)
- Primary pump – pressure compensate axial piston pump.
- Secondary pump optional if also running the hydraulic powered water pump (optional extra)
- Max operating pressure: 21 MPa main stage; 18MPa secondary stage
- Oil reservoir 210L, incorporated in skid frame
- Easily removable panels for maintenance
- Can be offered trailer mounted as option

Optional Hydraulic Water Pump

- Hydraulic drive FMC A0413C pump
- Capacity – 36l/min @ 34 bar
- Complete skid mounted and including pressure relief valve, suction hose and strainer.

Related drilling equipment for use with the MetreEater drill

Description

Part No.

A full range of diamond drill bits, reaming shells and core springs available to required size, and available to suit all rock types.

4 ½" OD (114mm) Telescopic Pole, 2.8m	U3-6-127
Double Jack Assembly	U3-6-130
BQ drill rod 1,5m	RODBQ15M
BQ Pin waterswivel (BQ Box can also be specified)	KWS597/BQ0

For any other drill consumables – please contact HUD.

