

HUD Mining Supplies (Pty) LTD

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Product Brochure

MetreEater BQ Pneumatic Diamond Drill



Title	Date	By	Sign	Approved	Sign
MetreEater BQ Pneumatic Diamond Drill Brochure	3.8.09	I Omand		D Huddy	
Revision	Date	By	Sign	Approved	Sign
HUD Design Original					

MetreEater BQ Pneumatic Diamond Drill Specifications

Rating	170 m ex horizontal - BQ 120m ex vertical up or down - BQ	
Spindle speed	0 – 2,000 rpm	
Weight: Drill	160 kg (incl bar clamp and silencer)	
Weight: Rod Puller	79 kg	
Motor	Vane type air motor Max 30 kw output at 600kPa air pressure From 8 to 20 m ³ /min (280 to 700 cfm)	
Operating pressure	300 - 600 kPa (12 - 30kW)	
Feed screw	ID suitable for AQ and BQ rods	
Feedscrew run	1,000 mm (Total length 1,700 mm)	
Chuck	3 jaw for AQ and BQ rods	
Drill	Totally enclosed unit containing all moving parts. The air motor is an easily detachable sub-assembly.	
Feed gears	The machine is equipped with 3 feed gears, with available selection as follows:	
	Revolutions / cm advance	Advance at 1,400rpm
	Rev/cm	cm/min
	Fine 200	7.0
	Medium 125	11.2
	Coarse 100	14.0
Feed gear change	Interlock system. Neutral / reverse position located between each gear. Fine is handwheel fully clockwise, medium is in the centre and coarse is fully counter clockwise.	
Mounting	Clamps fit 114mm (4 ½“) OD. single bar.	
Angle of drilling	Designed to drill through 360°.	
Rod puller	152.4 dia with 760 mm stroke. 800 kg capacity at 500 kPa	

