

HUD Mining Supplies (Pty) LTD

Physical: 25 – 31 Brewery Street, Isando Ext 1, South Africa
Postal: Postnet Suite 99, Private Bag X10010, Edenvale 1610, RSA
Telephone: +27 11 974 1500 Fax: +27 11 974 1506
Email: info@hud.co.za



AQ MetreEater Pneumatic Diamond Drill:

Brochure



Title	Date	By	Sign	Approved	Sign
AQ MetreEater Pneumatic Diamond Drill O & M Manual and Parts List	3.8.09	I Omand		D Huddy	
Revision	Date	By	Sign	Approved	Sign
1. General Update	23.8.13	I Omand			

(NB: Picture above includes rod puller)

1. AQ MetreEater Pneumatic Diamond Drill Specifications

Rating	200m horizontal - AQ 150m vertical up or down - AQ												
Spindle speed	0 – 2,000rpm												
Weight: Drill	125kg (incl. silencer)												
Bar Clamp	25kg												
Rod Puller	77kg												
Motor	Vane type air motor (5 vanes per motor)												
Power	<table border="0"> <tr> <td>Output, kW</td> <td>Inlet Air Pressure</td> </tr> <tr> <td>30</td> <td>600</td> </tr> <tr> <td>24</td> <td>500</td> </tr> <tr> <td>18</td> <td>400</td> </tr> <tr> <td>12</td> <td>300</td> </tr> </table>	Output, kW	Inlet Air Pressure	30	600	24	500	18	400	12	300		
Output, kW	Inlet Air Pressure												
30	600												
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Air Consumption	From 8 to 20m ³ /min (280 to 700cfm)												
Operating pressure	300 - 600kPa												
Feed screw	ID suitable for AQ rods												
Feedscrew run	820 mm (Total length 1,515 mm)												
Chuck	3 jaw with recessed chuck screws, for up to AQ rod size												
Drill	Totally enclosed unit containing all moving parts. The air 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"> <tr> <td></td> <td>Rev/cm advance</td> <td>Advance at 1,400rpm cm/min</td> </tr> <tr> <td>Fine</td> <td>200</td> <td>7.0</td> </tr> <tr> <td>Medium</td> <td>125</td> <td>11.2</td> </tr> <tr> <td>Coarse</td> <td>100</td> <td>14.0</td> </tr> </table>		Rev/cm advance	Advance at 1,400rpm cm/min	Fine	200	7.0	Medium	125	11.2	Coarse	100	14.0
	Rev/cm advance	Advance at 1,400rpm 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 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	152.4 diameter with 760 mm stroke. 50mm diameter piston rod 800 kg capacity at 500 kPa												



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" Telscopic Pole, 2.8m

U3-6-127

Double Jack Assembly

U3-6-130

AQ drill rod 1,5m

RODAQ15M

AQ Pin waterswivel (AQ Box can also be specified)

KWS597/AQ0

For any other drill consumables – please contact HUD.

