

# 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](mailto:info@hud.co.za)



## AQ MetreEater Pneumatic Diamond Drill:

### Brochure



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

(NB: Picture above includes rod puller)

# 1. AQ MetreEater Pneumatic Diamond Drill Specifications

<b>Rating</b>	200m horizontal - AQ 150m vertical up or down - AQ												
<b>Spindle speed</b>	0 – 2,000rpm												
<b>Weight: Drill</b>	125kg (incl. silencer)												
<b>Bar Clamp</b>	25kg												
<b>Rod Puller</b>	77kg												
<b>Motor</b>	Vane type air motor (5 vanes per motor)												
<b>Power</b>	<table border="0"> <thead> <tr> <th><b>Output, kW</b></th> <th><b>Inlet Air Pressure</b></th> </tr> </thead> <tbody> <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> </tbody> </table>	<b>Output, kW</b>	<b>Inlet Air Pressure</b>	30	600	24	500	18	400	12	300		
<b>Output, kW</b>	<b>Inlet Air Pressure</b>												
30	600												
24	500												
18	400												
12	300												
<b>Air Consumption</b>	From 8 to 20m <sup>3</sup> /min (280 to 700cfm)												
<b>Operating pressure</b>	300 - 600kPa												
<b>Feed screw</b>	ID suitable for AQ rods												
<b>Feedscrew run</b>	820 mm (Total length 1,515 mm)												
<b>Chuck</b>	3 jaw with recessed chuck screws, for up to AQ rod size												
<b>Drill</b>	Totally enclosed unit containing all moving parts. The air motor is an easily detachable sub-assembly.												
<b>Feed gears</b>	The drill is equipped with 3 feed gears, with available selection as follows:												
	<table border="0"> <thead> <tr> <th></th> <th><b>Rev/cm advance</b></th> <th><b>Advance at 1,400rpm cm/min</b></th> </tr> </thead> <tbody> <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> </tbody> </table>		<b>Rev/cm advance</b>	<b>Advance at 1,400rpm cm/min</b>	Fine	200	7.0	Medium	125	11.2	Coarse	100	14.0
	<b>Rev/cm advance</b>	<b>Advance at 1,400rpm cm/min</b>											
Fine	200	7.0											
Medium	125	11.2											
Coarse	100	14.0											
<b>Feed gear change</b>	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.												
<b>Mounting</b>	Clamps fit 114mm (4 ½“) OD Pipe												
<b>Angle of drilling</b>	Designed to drill through 360°.												
<b>Rod puller</b>	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.**

