

HUD Mining Supplies (Pty) LTD

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Product Brochure

Kempe U3-9BQ-H00 Hydraulic Diamond Drill



Title	Date	By	Sign	Approved	Sign
Kempe U3-9BQ-H00 Hydraulic Diamond Drill Brochure	22.6.09	I Omand		D Huddy	
Revision	Date	By	Sign	Approved	Sign
HUD Design Original					

U3-9BQ Hydraulic Diamond Drill Specifications

Rating	500 m ex (horizontal). BQ and BX		
Spindle speed	0 - 550 rpm, infinitely variable		
Weight drill	135 kg		
Weight Rod Puller	22kg		
Motor	Hydraulic		
Power Pack	45kW electric motor with variable displacement hydraulic pump.		
Oil tank Capacity	250 litres		
Controls	Free standing console incorporating controls for drilling, rod pulling and pushing, with 4m hose from controls to the drill-head		
Operating pressure	21MPa		
Feed screw	ID suitable for E, A, AQ, B or BQ rods		
Feedscrew run	850 mm		
Chuck	3 jaw for E, A, AQ, B or BQ rods		
Drill	Totally enclosed unit containing all moving parts including the motor. The brackets on the main housing are designed for either left hand (R/H) or right hand (L/H) mounting.		
Feed gears	The machine is equipped with 4 feed gears, with available selection as follows:		
	Revolutions per inch advance		
	ratio 22/56	ratio 23/60	Standard Config ratio 25/65
	180	139	158
	330	210	256
	530	276	360
	736	325	446
	1360	410	620
	In all cases the same feed gears are used. One set of input gears is changed to give different feed ranges.		
Feed gear change	Interlock system. Neutral / reverse position located between each gear. Holding the handwheel while in neutral will reverse the feed screw.		
Saddle plate	Double-ended saddle plate to take two rod pullers if necessary.		
Mounting	Clamps fit 114mm (4 ½") OD single bar.		



- Angle of drilling** Designed to drill through 360°.
- Rod puller** Hydraulic rod puller with inter connecting hoses
- Puller mechanism** Non-slip double-ended ball type with turrets on either side to facilitate pushing or pulling. Available for E, A, AQ, B, or BQ rods

STD U3-9BQ HYDRAULIC PG No. 9BQH-600
 - DRILL RIG
 E TO BQ DRILL RODS
 -THROUGH THE CHUCK

IT	DESCRIPTION	QTY	PAGE No
0	DRILL RIG COMPLETE	1	9BH-600
1	TELESCOPIC POLE ASSEMBLY	1	U3-6-TP
2	POLE CLAMP ASSEMBLY	1	U3-6-PC
3	DRILL UNIT ASSEMBLY	1	U3-9BH-00
4	STANDARD HYD. ROD PULLER	1	U3-9-305
5	DOUBLE JACK ASSEMBLY	1	U3-6-130
6	BALL ROD PULLER ASSEMBLY	1	U3-6-72-*
7	HYDRAULIC POWER PACK	1	K6-HP-00
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