



DURALITE UG 800N

OVERVIEW:

Duralite Diamond Drills are constructed from only the best materials and are designed to be both durable and lightweight. All aspects of the drill have been designed to ensure maximum safety for the user(s). Considerable attention has been given to the size and weight of every component to afford the most efficient disassembly, transport, and re-assembly possible. The total operational weight of the Duralite UG 800N is the 6,166lbs (2797kg).

<p>Performance: 45° a 90° en Negativo</p> <p>Depth capacity* for diamond drilling</p> <p>B 2 3/16" (55,6MM) 3,600 FT (1,100 M)</p> <p>N 2 3/4" (69.9 MM) 2,600 FT (800 M)</p> <p>H 3 1/2" (88.9 MM) 1,950 FT (600 M)</p> <p>Performance: 1° a 90° en Positive</p> <p>Depth capacity* for diamond drilling</p> <p>B 2 3/16" (55,6MM) 2,460 FT (750 M)</p> <p>N 2 3/4" (69.9 MM) 1,800 FT (550 M)</p> <p>H 3 1/2" (88.9 MM) 1,312 FT (400 M)</p> <p>* Drilling Capacity is based on a 45°-90° in negative /1°-90° in positive depend on in-hole tools, ground conditions, drilling techniques and equipment</p>	<p>Wireline winch and hydraulic guided</p> <p>The wireline winch is manufactured out of steel and is driven by a low speed, high torque hydraulic motor providing variable speed.</p> <p>CABLE CAPACITY: 3/16" (4.88 MM): 4,000' (1230 M)</p> <p>PULL CAPACITY: 2,000 LBS (907KG)</p> <hr/> <p>Motor Electric: Siemens 100 HP</p> <p>Soft starter: Lovato</p>
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Hydraulic Module:

Our proven hydraulic system is an open center, vented tank system, constructed using only top brand name pumps, valves, and accessories. This hydraulic system delivers 47 GPM A, 1800 RPM.

Feed frame and Base:

Head Stroke:	60 Inches (1.52 M)
Pull Capacity:	29,000 lbs @ 3,500 PSI 13,160 kg @ 3,500 PSI
Posible drilling angles:	45° a 90° in positive, and negative 0° a -90°

<u>Rotary Head, Chuck</u>		<u>Weight: (Drill)</u>		<u>Kg</u>	<u>Lbs</u>
Holding Capacity (head)	26,000 lbs (11,790 kg)	Control Panel	200	441	
Maximum Rod Size:	3.5" (89 mm)	Hydraulic tank	137	302	
Chuck Operation:	Spring closed and hydraulically opened	Rod Clamp Assembly	183	403	
Final Drive:	Gear driven	wireline + guide + motor + Hoses	180	397	
Hydraulic motor:	107cc variable	Complete Tower	505	1113	
Transmission:	Hi-Lo 2 speed manual	Power Unit C/W motor	850	1874	
Relation speed the rotation:	Hi:3.0:1 Low 5.4:1	Drill Head assembly C/W motor and hoses	395	871	
Lubrication:	Pumped oil, filter and cooler	extention sheaves	65	143	
Fabrication:	Steel	Skid + base supports inclination	244	538	
Speed:	Variable up to 1500RPM	Tilt Cylinder	19	42	
		Displacement Cylinder Tower	19	42	
		Total	2797	6,166	