

DURALITE 350B – SPEC SHEET

OVERVIEW:

Duralite Diamond Drills are constructed from only the best quality 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 350B is only 4,925 lbs (2,238 kg).**

<p><u>Performance:</u></p> <p>Depth capacity* for diamond drilling B 2 3/16" (55.6 MM) 1,130 FT (350 M)</p> <p>*Drilling capacity is based on a 90° hole and will depend on in-hole tools, ground conditions, drilling techniques, and equipment use.</p>	<p><u>Wireline Hoist (with Guarding):</u></p> <p>The wireline winch is manufactured out of aluminum and is driven by a low speed, high torque hydraulic motor providing variable speed.</p> <p><u>CABLE CAPACITY:</u> 3/16" (4.88M): 3,000' (923 M) <u>PULL CAPACITY:</u> 2,000 LBS (907KG)</p>
<p><u>Standard Engine:</u></p> <p>Diesel John Deere 99HP at 2,800 RPM</p>	<p><u>Rod Handling Winch (with Guarding):</u></p> <p><u>CABLE CAPACITY:</u> 5/16": 100' (30.5M) <u>PULL CAPACITY:</u> 300 LBS (136KG)</p>

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 49 GPM at 2,800 RPM.

Feed Frame and Base:

Head Stroke:	60 Inches (1.016 M)
Pull Capacity:	14,718 lbs @ 3,000 PSI
Possible drilling angles:	45° to 90°

<p><u>Rotary Head, Chuck, and Rod Holder:</u></p> <p>Holding Capacity: 9,000 lbs (4,018 kg) Maximum Rod Size: 2.225" (56 mm) Chuck Operation: Spring closed and hydraulically opened Final Drive: Gear driven Hydraulic motor: 80cc Variable Transmission: 1 Speed Gear Ratio: 1.1 - 1 Lubrication: Gear oil bathe Fabrication: Steel Speed: Variable - 1,500 RPM</p>	<p><u>Weight:</u></p> <p>Power Unit c/w lift point 1,090 lbs Hydraulic Pack c/e oil & hoses 1,220 Feed frame c/w cylinder/saddle/half hinge 700 Tower base c/w winch/cable/lift arm/rest 780 Tower c/w rod winch/sheave wheels/slide 460 Drillhead assembly c/w motor & hoses 400 Rod Clamp c/w jaws 120 Rotation Guard 45 Stiff Legs (set) <u>110</u></p> <p>Total Weight: <u>4,925 lbs</u></p>
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