

DURALITE 250B – 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 250B is 3,380 lbs (1,536 kg)**.

<p><u>Performance:</u></p> <p>Depth capacity* for diamond drilling B 2 3/16" (55.6 MM) 415 FT (250 M)</p> <p>*Drilling capacity is based on a 90° hole and will depend on in-hole tools, ground conditions, drilling techniques, and equipment used.</p>	<p><u>Wireline/Service Winch (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" (4.88MM): 1,310' (400 M)</p> <p><u>PULL CAPACITY:</u> 2,000 LBS</p> <hr/> <p><u>Standard Engine:</u> Diesel John Deere 62HP at 2,500 RPM</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 36 GPM at 2,500 RPM.

Feed Frame and Base:

Head Stroke:	54 Inches (1.38 M)
Pull Capacity:	9,400 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)</p> <p>Maximum Rod Size: 2.225" (56 mm)</p> <p>Chuck Operation: Spring closed and hydraulically opened</p> <p>Final Drive: Gear driven</p> <p>Hydraulic motor: 80cc variable displacement</p> <p>Transmission: 1 Speed</p> <p>Gear Ratio: 1.1 – 1</p> <p>Lubrication: Gear oil bathe</p> <p>Fabrication: Steel</p> <p>Speed: variable to 1,500 RPM</p>	<p><u>Weight: (Drill)</u></p> <table> <tr> <td>Power Unit c/w Guarding</td> <td>900 lbs</td> </tr> <tr> <td>Hydraulic Module</td> <td>740</td> </tr> <tr> <td>Tower c/w feed frame</td> <td>410</td> </tr> <tr> <td>Tower base c/w winch & cable</td> <td>400</td> </tr> <tr> <td>Water tank, pressure pump</td> <td>385</td> </tr> <tr> <td>Drill head assembly c/w motor & hoses</td> <td>315</td> </tr> <tr> <td>Rod Holder</td> <td>120</td> </tr> <tr> <td>Stiff legs c/w extensions</td> <td>70</td> </tr> <tr> <td>Rotation Guard</td> <td>40</td> </tr> <tr> <td>Total Weight:</td> <td>3,380lbs</td> </tr> </table>	Power Unit c/w Guarding	900 lbs	Hydraulic Module	740	Tower c/w feed frame	410	Tower base c/w winch & cable	400	Water tank, pressure pump	385	Drill head assembly c/w motor & hoses	315	Rod Holder	120	Stiff legs c/w extensions	70	Rotation Guard	40	Total Weight:	3,380lbs
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