

DURALITE 350NMP – 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 350NMP is only 6,050 lbs (2,743 kg).**

<p>Performance:</p> <p>Depth capacity* for diamond drilling</p> <table> <tr> <td>B 2 3/16" (55.6 MM)</td> <td>1,625 FT (500 M)</td> </tr> <tr> <td>N 2-3/4" (69.9 MM)</td> <td>1,130 FT (350 M)</td> </tr> <tr> <td>H 3-1/2" (88.9 MM)</td> <td>650 FT (200 M)</td> </tr> </table> <p>*Drilling capacity is based on a 45 - 90° hole and will depend on in-hole tools, ground conditions, drilling techniques and equipment use.</p>	B 2 3/16" (55.6 MM)	1,625 FT (500 M)	N 2-3/4" (69.9 MM)	1,130 FT (350 M)	H 3-1/2" (88.9 MM)	650 FT (200 M)	<p>Wireline Hoist (with Guarding):</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" (4.88M): 3,000' (923 M) PULL CAPACITY: 2,000 LBS (907KG)</p> <hr/> <p style="text-align: center;">Rod Handling Winch (with Guarding):</p> <p>CABLE CAPACITY: 5/16": 100' (30.5M) PULL CAPACITY: 300 LBS (136KG)</p>
B 2 3/16" (55.6 MM)	1,625 FT (500 M)						
N 2-3/4" (69.9 MM)	1,130 FT (350 M)						
H 3-1/2" (88.9 MM)	650 FT (200 M)						
<p>Standard Engine:</p> <p>3 x Kubota 44HP Mechanical Diesel Engines</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 48 GPM at 2,500 RPM.

Feed Frame and Base:	Weight:	lbs	kg
Head Stroke: 60 Inches (1.016 M)	Engine #1 c/w pump	475	215
Pull Capacity: 24,700 lbs @ 3,500 PSI	Engine #2 c/w pump	475	215
Possible drilling angles: 45° to 90°	Engine #3 c/w pump	505	230
	Engine 1 & 2 Foundation	200	91
	Engine 3 Foundation	100	45
	Hydraulic Tank Console	485	220
	Hydraulic Valve Console	475	215
	Tower base c/w ½ hinge and rest	530	240
	Feed frame c/w ½ hinge	505	229
	Tower c/w sheave wheels/Winch	460	209
	Rod Clamp c/w Mount	380	172
	Wireline winch c/w 1000' cable	205	93
	Fuel Pack (empty)	150	68
	Feed Cylinder	210	95
	N Drill head assembly	360	163
	Feed Frame saddle w/ head mount	260	118
	Rotation Guard	50	23
	Rotation motor c/w hoses	115	52
	Stiff Legs (set)	<u>110</u>	<u>50</u>
	Total Weight:	<u>6,050</u>	<u>2,743</u>