

DURALITE T800N – 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 T800N includes the drill, track system and guarding.

Performance:

Depth capacity* for diamond drilling

B 2 3/16" (55.6 MM)	3,600 FT (1,100 M)
N 2 3/4" (69.9 MM)	2,600 FT (800 M)
H 3 1/2" (88.9 MM)	1,950 FT (600 M)

*Drilling capacity is based on a 90° hole and will depend on in-hole tools, ground conditions, drilling techniques, and equipment used.

Standard Engines:

1 – Diesel John Deere 125HP @ 2200 RPM

Wireline Winch (with Guarding):

The wireline winch is manufactured out of aluminum & steel and is driven by a low speed, high torque hydraulic motor providing variable speed.

CABLE CAPACITY:	3/16" (4.88MM): 4,000' (1,230 M)
PULL CAPACITY:	2,000 LBS (907 KG)

Rod Handling Winch:

CABLE CAPACITY:	5/16": 100' (30.5M)
PULL CAPACITY:	300 LBS (136 KG)

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 57 GPM at 2,200 RPM.

Feed Frame and Base:

Head Stroke:	60 Inches (1.52 M)
Pull Capacity:	29,020 lbs @ 3,500 PSI 13,160 kg @ 3,500 PSI
Possible drilling angles:	45° to 90°

Rotary Head, Chuck, and Rod Holder:

Holding Capacity:	26,000 lbs (11,790 kg)
Maximum Rod Size:	3.5" (89 mm)
Chuck Operation:	Spring closed and hydraulically opened
Final Drive:	Gear driven
Hydraulic motor:	Variable 107cc
Transmission:	Hi-Lo 2 Speed Manual
Gear Ratio:	High 3.0:1 Low 5.4:1
Lubrication:	Pumped oil, filter and cooler
Fabrication:	Steel
Speed:	Variable up to 1,500 RPM

Weight: (Drill)

	lbs	kg
Power Unit c/w Guarding	1,320	599
Hydraulic Module	1,385	620
Feed frame with mounts	1,050	476
Tower base c/w winches (no cable)	725	329
Tower c/w stiff legs	490	222
Drill head assembly c/w motor & hoses	1,100	499
Rod clamp assembly	230	104
Tracks	2,610	1,184
Total Weight:	8,910	4,033