



The Hydro 44 is a fully hydrostatic driven drill. It is powered by a CAT 6 cylinder engine, producing 300 hp at 2,500 rpm. The engine is coupled to a funk triple pump drive. The drill is skid mounted and enclosed in a fully unitized drill shack, and is also equipped with an automatic pre torque and break-out tool, and a FMC 550 pressure pump.

Drill Depth Capacity

BQ – 4,900 ft (1494m)
NQ – 4,700 ft (1433m)
HQ – 3,600 ft (1098m)

Hoist

Type: Planetary
Drum Capacity: 100' of hoist cable
Pulling force: 16,885 lbf (7511daN)
Double pressure compensated hydraulic pump
Feed circuit: 15 gallons per minute
Motor circuit: 19 gallons per minute load sense for the motor circuit, eg: hydraulic driven wireline winch and hydraulic driven 435 pressure pump
Hydrostatic Pump: 52 gallons per minute at 3,000 psi (20.7 kPa)

Drill head

3 7/8" hollow stem drill head, complete with 3 jaws, hydraulic open spring applied chuck
Angle range: 30 degrees to 90 degrees
Feed Length: 24" twin cylinder stroke
Max rated thrust: 26,000 lbf @ 1,500 psi
Max rated pull: 40,000 lbf @ 1,500 psi

Wireline winch

Capacity: 5000 ft of 3/16" swayed cable
Line pull: 5680 lbf (2,528 daN)
Tower: 30 ft hydraulic raised all steel mast