



The Longyear 44 drill is in a fully unitized shack for ease of movement. This drill comes complete with a fully hydraulic, automatic pre torque and break out tool. The drill is powered with a 6 cyl., Deutz engine F6L 913T producing 130 hp at 2500 rpm, direct coupled to an Allison 545 power shift transmission.

### Drill Depth Capacity

BQ – 3,400 ft (975m)  
NQ – 2,650 ft (850m)  
HQ – 1,750 ft (535m)

### 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.

### 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:** 18,883 lbf (8377 daN)  
**Max rated pull:** 25,132 lbf (11,179 daN) @ 1,000 psi (6,895 kpa)

### 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