



# Mobile Drill Intl

YOUR DRILL RIG SALES AND SERVICE EXPERTS SINCE 1947

# B60

Mineral Exploration  
Geotechnical  
Environmental



## Great for All Auger Jobs

Coring • Rotary • Hollow Stem & Continuous Flight

### B60 Drilling Benefits

- The workhorse for the geotech and environmental industries
- 3-Speed power shift transmission
- Retract Force: 35,300 lbs [16,012 kg]
- Pulldown Force: 23,300 lbs [10,569 kg]
- Compact low profile track mounted option
- Versatility makes it the highest ROI in it's class
- Two rotary head options:

High Torque - Maximum torque 18,900 ft-lb  
[25,624 Nm] with a maximum of 664 rpm

High Speed - Maximum torque 13,000 ft-lb  
[17,625 Nm] with a maximum of 961 rpm



# B60 Mechanical Drill

## PERFORMANCE SPECIFICATIONS

### Hydraulic Feed System

**Pulldown force:** 23,300 lbs [10,569 kg]  
**Retract force:** 35,300 lbs [16,012 kg]  
**Feed speed, down:** 61 ft/min [18.6 m/min]  
**Feed speed, retract:** 40 ft/min [12.2 m/min]  
**Feed stroke:** 6 ft [1.83 m]

### Power Unit

**Deck engines:** Cummins, Deutz Diesel

### Hydraulic Pumps

**Primary pump:** 24 gpm [90.9 l/min]  
**Auxiliary pump:** 24 gpm [90.9 l/min]

### Drill Head Rotary

#### 4-SPEEDS

**Open bore:** 4-3/4 in [120.7 mm]

#### HIGH TORQUE OPTION

**Maximum rotary speed:** 664 rpm  
**Maximum torque:** 18,900 ft-lb [25,624 Nm]

#### HIGH SPEED OPTION

**Maximum rotary speed:** 961 rpm  
**Maximum torque:** 13,000 ft-lb [17,625 Nm]

### Estimated Operating Capacities

**Hollow stem augers, 4-1/4 in [108 mm] ID:** 350 ft [106.7 m]  
**Continuous flight auger, 6 in [152.4 mm] OD:** 450 ft [137.2 m]  
**Rotary drilling, 2-5/8 in [66.7 mm] OD drill pipe:**  
1,550 ft [472.4 m]

**Diamond core drilling, N Wireline:** 2,350 ft [716.3 m]

**Note:** Above drilling capacities may vary according to subsurface conditions and rotary head option.

### SPT Automatic Hammer

ASTM D-1586 standards, standard duty and heavy duty  
140 lb [63.5 kg], 170 lb [77.1 kg]  
300 lb [136.1 kg]  
340 lb [154.2 kg] slugs available  
Hydraulic self compensating

### Leveling Jacks

**Single front/dual rear,** 24 in [609.6 mm] or  
36 in [914.4 mm] stroke

### Hoist

**MAIN—SINGLE LINE CAPACITY:** 12,000 lbs [5,443.1 kg]

**Line speed:** 52 ft/min [15.85 m/min]

**Cable diameter:** 5/8 in (.625) [15.9 mm]

**Cable length:** 100 ft [30.5 m] standard

**MAIN—SINGLE LINE CAPACITY:** 8,500 lbs [3,855.5 kg]

**Line speed:** 0-75 ft/min [0-22.9 m/min], 0-325 ft/min  
[0-99.1 m/min] reverse

**Cable diameter:** 1/2 in (.500) [12.7 mm]

**Cable length:** 100 ft [30.5 m] standard

**AUXILIARY—SINGLE LINE CAPACITY:** 4,500 lbs [2,041.2 kg]

**Line speed:** 0-135 ft/min [41.2 m/min]

**Cable diameter:** 5/16 in (.325) [8.3 mm]

**Cable length:** 100 ft [30.5 m] standard

**SAFE-T DRIVER—SINGLE LINE CAPACITY:** 900 lbs [408.23 kg]

**Line speed:** variable up, freefall down

**Cable diameter:** 1/4 in (.250) [6.4 mm]

**Cable length:** 300 ft [91.4 m] standard

**WIRELIN—SINGLE LINE CAPACITY:** 1,200 lbs [544.3 kg]

**Line speed:** 0-500 ft/min [0-152.4 m/min]

**Cable diameter:** 3/16 in (.185) [4.7 mm]

**Cable length:** 400 ft [121.9 m] standard

**Winch capacity:** 3,500 ft [1,066.8 m] cable

### Optional Equipment

- Mast: 26 ft [7.9 m] or 30 ft [9.1 m]
- In-out slide base/Side-to-side slide base
- Above deck combination auger/rod rack
- Auger racks under body swing out
- Rod trough
- Toolboxes
- Water tanks 100-500 gal [37.5 l-1,892.5 l] stainless steel
- Top mount water swivel
- Standpipe
- Water pumps
- Hydraulic rod chuck
- Break-out wrench
- Drive tool quick change adapters
- Rod clamp system
- Driller platform

### Mounting Options

Truck, trailer, track carrier

NOTE: Engineering specifications are theoretical, actual performance will be different, specifications are subject to change without notice.

