



# 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 23,600 ft-lbs [31,997 Nm] with a maximum of 637.5 rpm [66.8 rad/s]
  - High Speed - Maximum torque 16,300 ft-lbs [22,099.5 Nm] with a maximum of 923 rpm [96.7 rad/s]



# B60 **Mechanical Drill**

## PERFORMANCE SPECIFICATIONS

### Hydraulic Feed System

**Pulldown force:** 23,300 lbs [10,568.7 kg]  
**Retract force:** 35,300 lbs [16,011.8 kg]  
**Feed speed, down:** 61 ft/min [18.59 m/min]  
**Feed speed, retract:** 40 ft/min [12.19 m/min]  
**Feed stroke:** 6 ft [1.83 m]

### Power Unit

**Deck engines:** Cummins, Deutz Diesel

### Hydraulic Pumps

**Primary pump:** 24 gpm [90.85 l/min]  
**Auxiliary pump:** 24 gpm [90.85 l/min]

### Drill Head Rotary

#### 4-SPEEDS

**Open bore:** 4-3/4 in [120.65 mm]  
**High Speed Option - Maximum rotary speed:**  
900 rpm [94.25 rad/s]  
**Torque:** 17,000 ft-lbs [23,048.9 Nm]  
**High Torque Option - Maximum rotary speed:**  
478 rpm [50.06 rad/s]  
**Torque:** 24,735 ft-lbs [33,536.2 Nm]

### Estimated Operating Capacities

**Hollow stem augers, 4-1/4 in [108 mm] ID:** 350 ft [106.68 m]  
**Continuous flight auger, 6 in [152.4 mm] OD:** 450 ft [137.16 m]  
**Rotary drilling, 2-5/8 in [66.68 mm] OD drill pipe:**  
1,550 ft [472.4 m]  
**Diamond core drilling, NQ:** 2,350 ft [716.28 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

### Weight

**Minimum:** 11,200 lbs [5,080.2 kg]

### 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 fpm [15.85 mpm]  
**Cable diameter:** 5/8 in (.625) [15.88 mm]  
**Cable length:** 100 ft [30.48 m] standard

**MAIN—SINGLE LINE CAPACITY:** 8,500 lbs [3,855.54 kg]

**Line speed:** 0-75 fpm [0-22.86 mpm], 0-325 fpm  
[0-99.06 mpm] reverse  
**Cable diameter:** 1/2 in (.500) [12.7 mm]  
**Cable length:** 100 ft [30.48 m] standard

**AUXILIARY—SINGLE LINE CAPACITY:** 4,500 lbs [2,041.17 kg]

**Line speed:** 0-135 fpm [41.15 mpm]  
**Cable diameter:** 5/16 in (.325) [8.26 mm]  
**Cable length:** 100 ft [30.48 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) [6.35 mm]  
**Cable length:** 300 ft [91.44 m] standard

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

**Line speed:** 0-500 fpm [0-152.4 mpm]  
**Cable diameter:** 3/16 in (.185) [4.7 mm]  
**Cable length:** 400 ft [121.92 m] standard  
**Winch capacity:** 3,500 ft [1,066.8 m] cable

### Optional Equipment

- Mast: 26 ft [7.92 m] or 30 ft [9.14 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, rubber track carrier

