

# Mobile Drill Intl

HELPING YOU BUILD OUR WORLD SINCE 1947

Hydraulic Drill

# B46



## MULTI-PURPOSE

THE TRUE MULTIPURPOSE DRILL FOR GEO-ENVIRONMENTAL WORK

HOLLOW STEM • SPT • CORING • ROTARY • DTH

### B46 Drilling Features

- Drill rig mounts easily on a truck or tracks.
- 5,417 ft-lb of torque & 721 rpm delivered by the 4-speed rotary head assures that (SPT) test borings & rock cores are recovered efficiently & at a lower cost than with larger rigs.



## PERFORMANCE SPECIFICATIONS

### Hydraulic Feed System

**Pulldown Force:** 14,600 lbs [6,622 kg]  
**Retract Force:** 19,400 lbs [8,800 kg]  
**Feed Down Speed:** 0-148 ft/min [0-45 m/min]  
**Feed Retract Speed:** 0-111 ft/min [0-33.83 m/min]  
**Feed Stroke:** 6.5 ft [1.98 m]

### Power Unit

**Deck Engines:** John Deere  
**PTO:** Transmission Transfer Case

### Drill Head Rotary

- 4 Speeds
- 2 Speed Planetary, 2 Speed Hydraulic Motor

**Maximum Rotary Speed:** 721 rpm  
**Maximum Torque:** 5,417 ft-lb [7,344 Nm]

### Hoist Options

**Main - Single Line Capacity:** 4,500 lbs [2,041 kg]  
**Auxiliary - Single Line Capacity:** 3,000 lbs [1,361 kg]  
**Safe-T-Driver/Wireline:** 900 lbs [408 kg]

### Optional Equipment

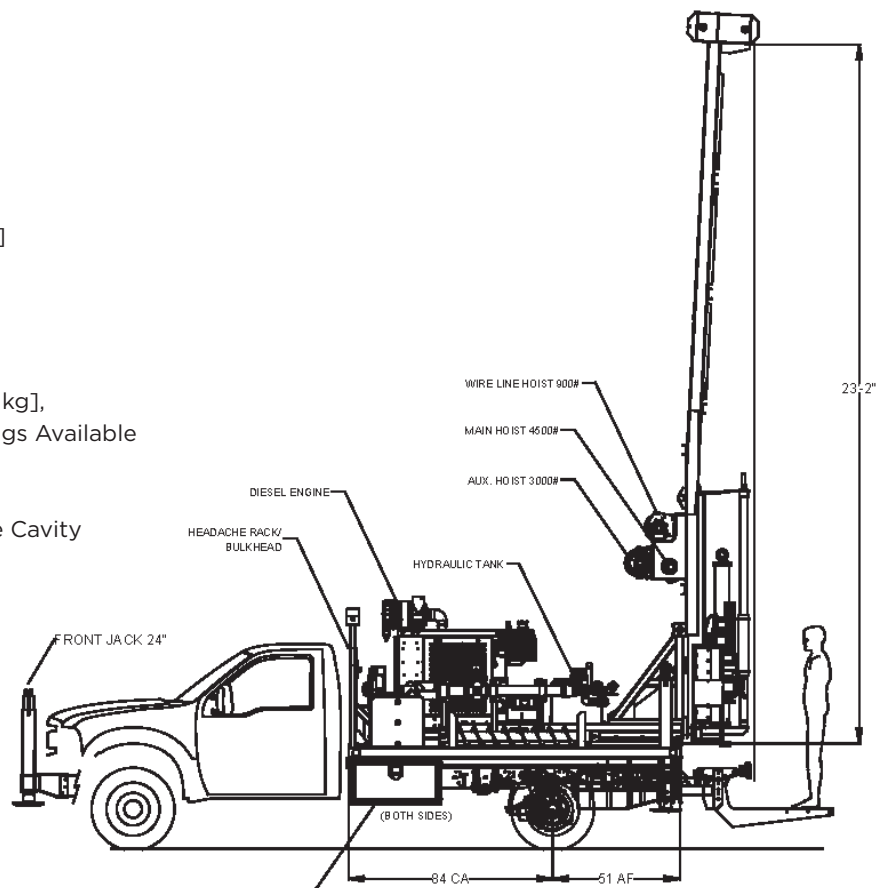
- In-Out & Sideways Slide Base
- SPT Automatic Hammer, ASTM D-1586, 140 lb [64 kg], 170 lb [77 kg], 300 lb [136 kg], 340 lb [154 kg] Slugs Available
- Custom Breakout Table Designs
- Hydraulic Breakout Wrench
- Water Pumps - Piston, Centrifugal and Progressive Cavity
- Water/Foam Injection Systems
- Water Tanks
- Driller/Helper Platforms
- Safety Cage Options
- Night Lights

### Carrier Mounting Options

Truck (4x2, 4x4), Rubber Track Carrier, Trailer

### Estimated Operating Capacities

**Hollow Stem Augers:** to 100 ft [30 m]  
**Continuous Flight Augers:** 6 in [152 mm] OD: 125 ft [38 m]  
**Rotary Drilling:** 2-5/8 in [67 mm] OD Drill Pipe: 300 ft [91 m]  
**Diamond Core Drilling:** N Wireline: 300 ft [91 m]  
**Reverse Circulation:** 3-3/4 in [95 mm] CIP Drill Pipe: 150 ft [46 m]



**Note:** Above drilling capacities may vary according to sub-surface conditions, hoist capacity and rotary head option. Engineering specifications are theoretical, actual performance will be different, specifications are subject to change without notice.