

Mobile Drill Intl

HELPING YOU BUILD OUR WORLD SINCE 1947

Hydraulic Drill

B48X



THE ULTIMATE GEOTECHNICAL RIG

THE WORKHORSE FOR THE GEOTECH AND ENVIRONMENTAL INDUSTRIES

AUGER • SPT • CORING • ROTARY • DTH

B48X Drilling Features

- 1,055 rpm
- 8,000 ft-lb Torque
- 6 ft Feed Length
- Angle Drilling
- High torque to run hollow stem augers, High RPM to diamond core drill

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B48X

Compact
Hydraulic
Drill



PERFORMANCE SPECIFICATIONS

Hydraulic Feed System

Pulldown Force: 16,200 lbs [7,348 kg]

Retract Force: 24,000 lbs [10,886 kg]

Feed Down Speed: 0-74 ft/min [0-23 m/min],
0-149 ft/min [0-45 m/min]

Feed Retract Speed: 0-50 ft/min [0-15 m/min],
0-100 ft/min [0-30 m/min]

Feed stroke: 6 ft [1.83 m]

Angle Drill Capable

Power Unit

Deck Engines: John Deere, Cummins, Deutz Diesel

PTO: Transmission or Transfer Case

Drill Head Rotary

Drive: Helical Gear

Max Chuck Size: P Wireline

8-SPEEDS

Open Bore: 4-5/8 in [118 mm]

Maximum Rotary Speed: 1,055 rpm

Maximum Torque: 8,000 ft-lb [10,847 Nm]

Hoists

Main-Single Line Capacity: 8,500 lbs [3,856 kg]

Auxiliary-Single Line Capacity: 3,000 lbs [1,361 kg]

Safe-T-Driver/Wireline: 900 lbs [408 kg]

Wireline Hoists - A Wide Variety Available

Line Capacities from 700 ft [213 m] to 7,500 ft [2,286 m]

Estimated Operating Capacities

Hollow Stem Augers, 3-1/4 in [83 mm] ID: 175 ft [53 m]

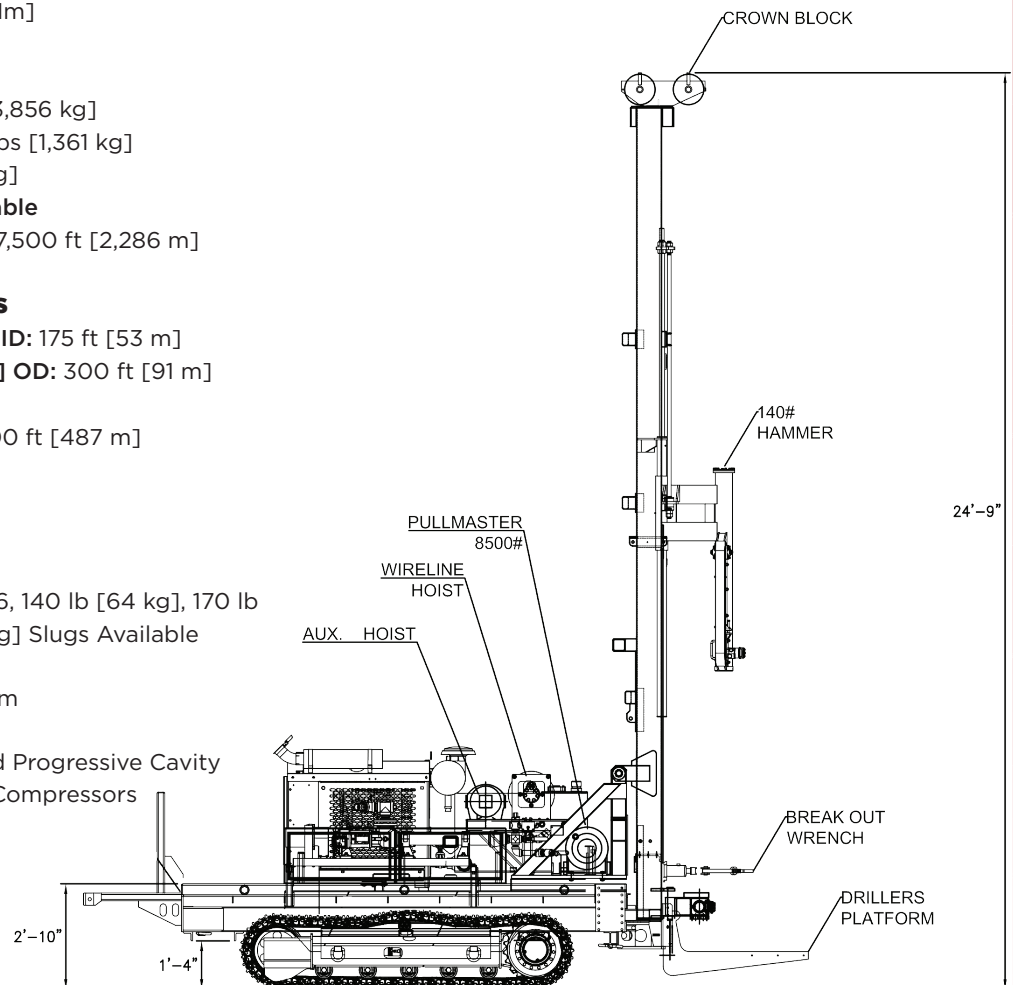
Continuous Flight Auger, 6 in [152 mm] OD: 300 ft [91 m]

Rotary Drilling, NW: 1,500 ft [457 m]

Diamond Core Drilling, N Wireline: 1,600 ft [487 m]

Optional Equipment

- Mast: 21 ft [6.4 m] or 31 ft [9.5 m]
- In-Out/Side-to-Side 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
- Make/Break Double Rod Clamp System
- Hydraulic Breakout Wrench
- Water Pumps - Piston, Centrifugal and Progressive Cavity
- Water/Foam Injection Systems & Air Compressors
- Jib Boom Hoist
- Swing-Out Under Body Auger Racks
- Rod Troughs & Loaders
- Driller/Helper Platforms
- Safety Cage Options
- Night Lights



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.