

# Mobile Drill Intl

HELPING YOU BUILD OUR WORLD SINCE 1947

Hydraulic Drill

# B37X-LS



## THE ULTIMATE GEOTECHNICAL RIG

THE WORKHORSE FOR THE GEOTECH AND ENVIRONMENTAL INDUSTRIES

AUGER • SPT • CORING • ROTARY • DTH

### B37X-LS Drilling Features

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

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# B37X-LS

Compact  
Hydraulic  
Drill



## PERFORMANCE SPECIFICATIONS

### Hydraulic Feed System

**Pulldown Force:** 11,800 lbs [5,352 kg]

**Retract Force:** 15,700 lbs [7,121 kg]

**Feed Down Speed:** 0-172 ft/min [0-52 m/min],  
0-344 ft/min [0-410 m/min]

**Feed Retract Speed:** 0-81 ft/min [0-25 m/min],  
0-162 ft/min [0-49 m/min]

**Feed stroke:** 13 ft [3.96 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]

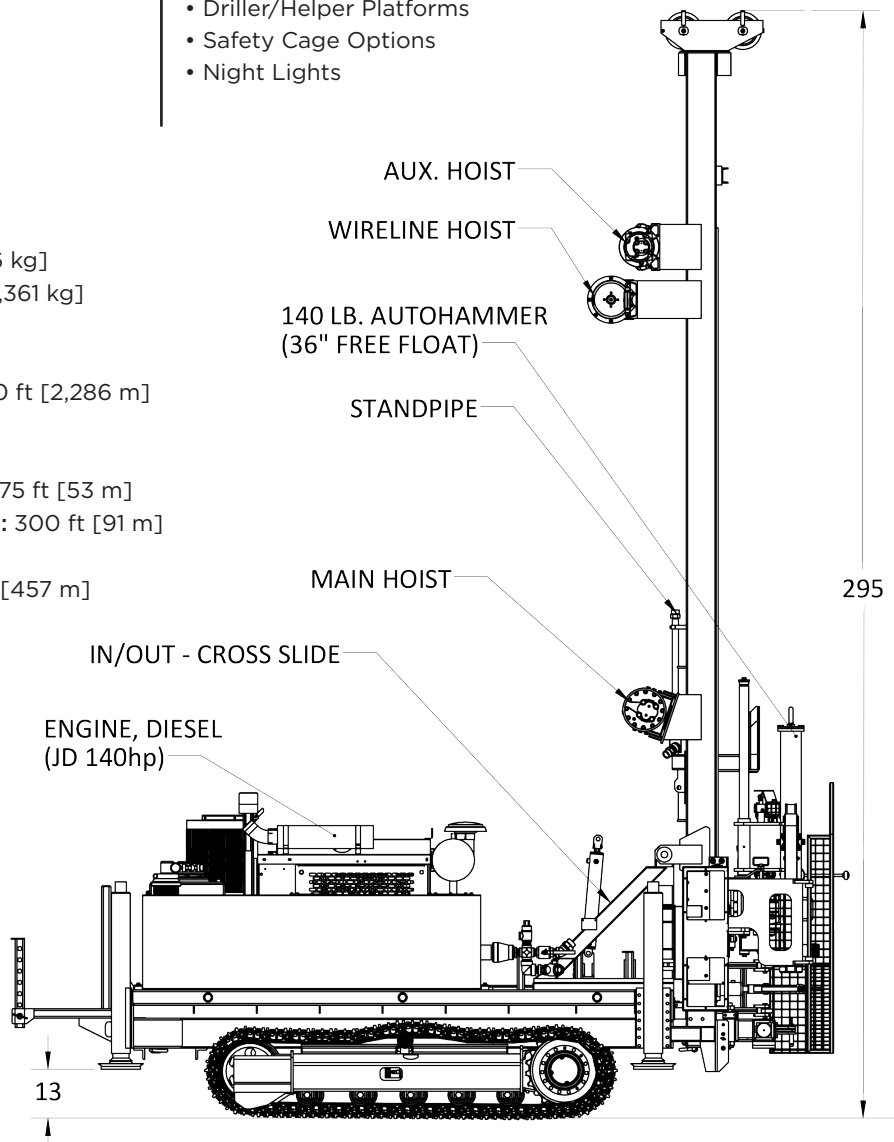
**Continuous Flight Auger, 6 in [152 mm] OD:** 300 ft [91 m]

**Rotary Drilling, NWJ:** 1,120 ft [341 m]

**Diamond Core Drilling, N Wireline:** 1,500 ft [457 m]

### Optional Equipment

- 13-Foot Feed Stroke for Longer Drilling Tools
- 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 Trough
- Rod Loader
- Water Tanks
- 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.