



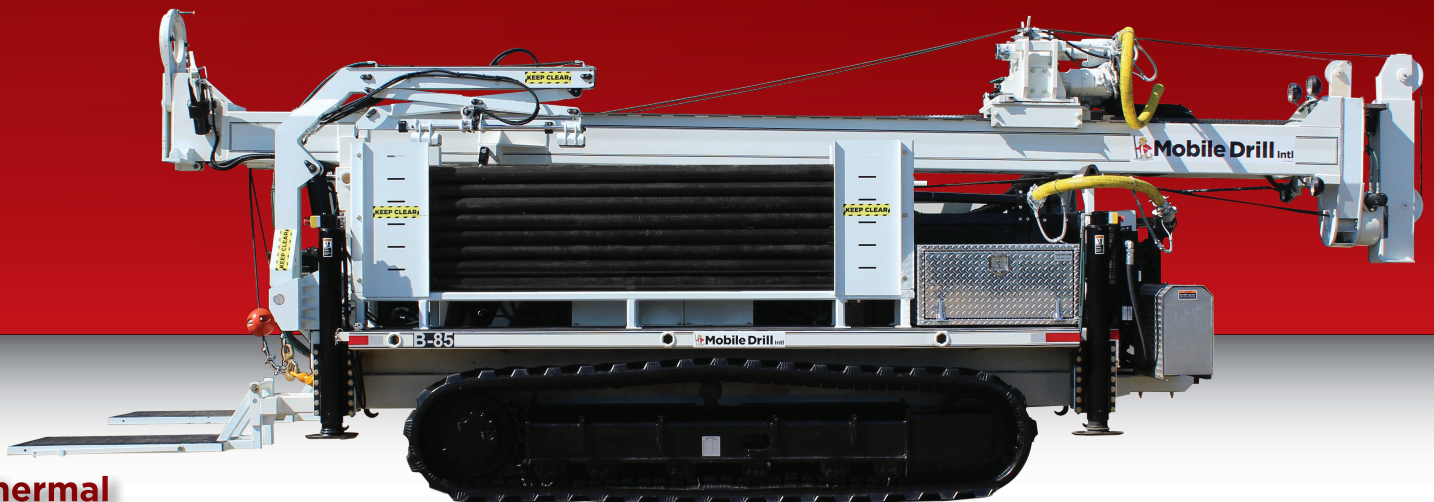
# Mobile Drill Intl

YOUR DRILL RIG SALES AND SERVICE EXPERTS SINCE 1947

# B85

## Hydraulic Rig

### Hydraulic Tophead Drill



**Geothermal  
Water Well**

## B85 Drilling Benefits

- Rotary Drilling, Diamond Core, and Angle Drilling
- Retract Force: 24,500 lbs [11,113 kg]
- Pulldown Force: 18,400 lbs [8,346 kg]
- Maximum Rotary Speed of 246 RPM
- 14-ft (4.3 m) Feed Stroke

# B85

Hydraulic  
Drill

## PERFORMANCE SPECIFICATIONS

### Feed System and Mast

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- Pulldown Force: 18,400 lbs (8,346 kg)
- Pulldown Speed: 0-75 ft/min (23 m/min)
- Retract Force: 24,500 lbs (11,113 kg)
- Retract Speeds
  - Normal: 0-56 ft/min (17 m/min)
  - Rapid: 0-224 ft/min (68 m/min)
- Feed Stroke: 14' (4.27 m)
- Overall Mast Length: 27 ft (8.2 m)
- Handles Range 1 Casing

### Power Units Available

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- John Deere: 6068HF285B Tier 3
  - 200 HP (149 kW) @ 2,4000 RPM
  - Developing 549 lb-ft (744 Nm) Torque
  - Turbo Charged and Air-to-Air After-Cooled
- Engines Include
  - 12V Starting Circuit
  - Engine Gauges Located on Control Panel
  - 80 Gallon (302.8 l) Fuel Tank with Lock
  - Lockable Battery Box

### Rotary Head

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- 2-Speeds Total with a High/Low Shift on Control Panel
- Low Speed: 0-123 RPM @ 49,281 in-lb (5,568 Nm) Torque
- High Speed: 0-246 RPM @ 24,641 in-lb (2,783 Nm) Torque
- Open Bore: 2 in (50.8 mm)
- Off Hole: 16 in (406 mm)
  - Slidramatic Hydraulic Lateral Off Hole Clearance

### Hoists

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- Rotating Main Jib Hoist-Single Line Capacity: 8,500 lbs (3,855 kg)
  - Line Speed: 0-75 fpm (22.8 m/min)
  - Cable Diameter: 1/2 in (.500) [8.26 mm]
  - Cable Length: 100 ft (30 m) Standard
  - Jib Extension: 12 in (304.8 mm)
- Sandline Winch - Single Line Capacity: 2,945 lbs (1,336 kg)
  - Full Drum Line Speed: 206 fpm (62.8 m/min)
  - Cable Diameter: 5/16 in (.325) [8.26 mm]
  - Cable Length: 350 ft (106 m) Standard

### Hydraulic Drill Specs Disclaimer

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Actual rotary head performance may vary slightly depending on engine rpm, hydraulic systems' pressure, and pump flow settings.

### Drilling Depth Capacities Disclaimer

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Above drilling capacities may vary according to subsurface conditions, hoist capacity and drilling medium gpm, cfm and/ or psi.