

# Birmingham

FOUNDATION EQUIPMENT

## BHD-80 Drill



### Features

- High Torque Rock Drill
- Available For Reverse Circulation
- Available For Direct Circulation
- Environmentally friendly (no-drip operation, bio-fuels and oils)
- Optimized for DTH operations
- 7" Discharge
- Air Swivel 300 PSI
- 100 ton Thrust Bearings
- 100 ton Extraction Bearings
- Positive Lubrication
- Hydraulic Crowd Available

### Operational Specifications

|                    |                     |
|--------------------|---------------------|
| Maximum Torque:    | 80,000 ft-lbs       |
| Maximum Power:     | 340 HP Continuous   |
| Maximum Speed:     | 30 RPM              |
| Maximum Crowd:     | 50 Tons             |
| Maximum Auger Dia: | 48", 24" Continuous |

### Hydraulic Power Requirements

|                   |                            |
|-------------------|----------------------------|
| Hydraulic Power:  | 400 HP Minimum             |
| Flow:             | 140 GPM                    |
| Pressure:         | 5000 PSI                   |
| Hoses:            | 2x 2" 6 wire, 1x 1" 3 wire |
| Operating Weight: | 6000 lbs                   |

**BERMINGHAM**

**FOUNDATION SOLUTIONS  
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