

V2000



Since 1947

Mobile Drill Intl



The V2000 is a people-portable and heliportable, hydraulic powered drill designed for geotechnical and seismic exploration. With 2 mast stabilizers for more rigid mast positioning, the V2000 is a tough, high performance drill with go-anywhere versatility.

The V2000 is equipped with a 5 ft [1.52 m] feed stroke and has a maximum rotary speed of 150 rpm [15.71 rad/s] and a maximum torque of 950 ft-lbs [1,288 Nm].

Over 60 years of performance and reliability.

www.mobiledrill.net



V2000 Performance Specifications

People portable or heliportable, the V2000 goes just about anywhere.

Hydraulic Feed System

Pulldown force: 5,000 lbs [2,267.96 kg]
Retract force: 5,000 lbs [2,267.96 kg]
Feed speed, down: 90 ft/min [27.43 m/min]
Feed speed, retract: 90 ft/min [27.43 m/min]
Feed stroke: 5 ft [1.52 m]
Speed Variable

Power Unit

Standard engine: Kohler Model CH25 air cooled
gasoline engine, 44 cu. in. – 25 bhp @ 3,600 rpm
[.000721 cu. m – 18 kw @ 377 rad/s]
electric start
Optional engine: Onan & Deutz

Hydraulic Pump

Variable displacement load sensing: 12-17 gpm
[45.4-64.4 l/min] and 2,875 psi @ 2,500 rpm
[198.2 bar @ 261.8 rad/s]

Rotary Drive System

Maximum rotary speed: 150 rpm [15.71 rad/s]
Torque: 950 ft-lbs [1,288 Nm]

Weight

Five (5) modules totaling 728 lbs [330.22 kg]
8 man trips per move

Onan Engine Pack: 192 lbs [87.09 kg]
Mast Pack: 122 lbs [55.34 kg]
Hydraulic Pack: 160 lbs [72.57 kg]
Drill Frame Pack: 102 lbs [46.27 kg]
Control Pack: 152 lbs [68.95 kg]

Estimated Operating Capacities

Rotary drilling, 3-1/2 in [88.9 mm] OD: 125 ft [38.1 m]
DTH drilling, 3-1/2 in [88.9 mm] OD: 125 ft [38.1 m]

Note: Above drilling capacities may vary according to subsurface conditions.

Compressor and water pump packages sold separately.