



Specifications of our Drilling & Testing Equipment

RIG # 1-B58 MOBILE DRILL - (Made in USA By Mobile Drill)



TRUCK SPECIFICATION

Drill Rig Mounted on 2010 Freightliner LLC S/A 4x4 Caterpillar 3126B 300 HP Engine, 9 speed hi-low transmission, Hi-low transfer case, Front axle engage, 385 / 65 R 22.5 front tires,

HYDRAULIC FEED SYSTEM

- ➔ Pulldown force: 23,300 lbs [10,569 kg]
- ➔ Retract force: 35,300 lbs [16,012 kg]
- ➔ Feed speed, down: 61 ft/min [18.6 m/min]
- ➔ Feed speed, retract: 41 ft/min [12.4 m/min], Rapid: 80 ft/min [24.3 m/min]
- ➔ Feed stroke: 6 ft [1.83 m]



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POWER UNIT

- ➔ Diesel Engine: 4 cylinder Cummins Auxiliary Engine, Derrick hoist,
- ➔ Engines include: 12V starting circuit, electronic engine module installed in the operators control panel, 18 gallon (68 l) fuel tank with lock, lockable battery box, cold weather starting package

RIGHT ANGLE DRIVE

Single speed heavy duty right angle drive with tapered

- ➔ roller bearings and a ring gear and pinion. All bearings and gears are lubricated through an oil bath.
- ➔ 2 in. [50.8 mm] hardened output shaft with flex chain coupling to a 2 in. [50.8 mm] kelly bar.

DRILL HEAD ROTARY

- ➔ Total enclosed “dry box” with tapered roller bearings.
- ➔ 2 in. [50.8] heat treated alloy steel kelly drive bar.
- ➔ 4-3/4 in. [120.7 mm] ID hollow spindle

SPT AUTOMATIC HAMMER

- ➔ ASTM D-1586 standards, standard duty and heavy duty
- ➔ 140 lb [63.5 kg], 170 lb [77.1 kg]
- ➔ 300 lb [136.1 kg]
- ➔ 340 lb [154.2 kg] slugs available
- ➔ Hydraulic self compensating

LEVELING JACKS

- ➔ 24 in [609.6 mm] and 36 in [914.4 mm] stroke available

ESTIMATED OPERATING CAPACITIES

- ➔ Hollow stem augers, 4-1/4 in [108 mm] ID: 250 ft [76 m]
- ➔ Continuous flight auger, 6 in [152.4 mm] OD: 300 ft [91 m]
 Rotary drilling, NWJ/NW drill rod with 5 in [127 mm] OD bit: 1,500 ft [457 m]
- ➔ Diamond core drilling:
 N wireline: 1,600 ft [487 m]
- ➔ H wireline: 1,100 ft [335 m]
- ➔ P wireline: 730 ft [222 m]