

Lone Star LS100/LS200

The Lone Star Shallow Well Drill Rig is the premier drill rig for village water well projects in developing countries. Lightweight, easy to transport, set up and operate, this rig has been used in over 50 countries since 1995. Reliably drills a 6 inch borehole up to 200 feet in sandy and clay soils. The complete package includes a 5.5HP mud pump, complete set of hoses, sturdy drill pipe with straight thread tool joints, drag bits, reamers, tools and spare parts. Packs into a crate for shipping and storage. Drill pipe makes the difference; the LS100 package includes 20 joints of 1-1/4" ID pipe good for 100 ft, the LS200 includes 40 joints of 2" ID pipe. The increased mud flow and reduced annular space allow the LS200 rig to drill 200 feet. Not recommended for use in rocky soils.

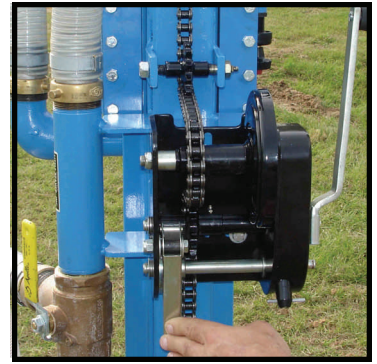
Manufactured by Little Beaver



5HP Rotary



Swivel & Table Base



Rugged 3,500lb Winch



5HP Mud Pump

SPECIFICATIONS:

Mast:

Heavy Duty Welded Steel Frame
- Breaks Down for Ease of Transport
3,500 lb Winch with Brake
3-Way Ball Valve
66" Travel

Rotary:

5.5 HP Honda gas Engine
25:1 Reduction Gearbox
2" Full Flow Side Inlet Swivel with Easily Replaceable Seals
Swings Aside or Removes for access to bore-hole

Dimensions & Weights:

Height - 96.5 in.
Width - 12 in. (base)
Length - 24 in. (base)
Mast - 136 lbs.
Rotary - 92 lbs. (Diesel 131 lbs.)
Base - 49 lbs.
Total package: LS100- 1,000 lbs (crated)
LS200- 1,800 lbs (crated)

Mud Pump:

5.5 HP Honda Gas Engine
100 Ft Max Head
165 GPM Max Flow
2" Discharge
2" Suction

Controls:

Push/Pull Throttle Control with Fine Vernier Adjustment

Drill Stem:

LS100: 1.25" ID X 5 FT Lg, M50 Straight Thread Tool Joints with Breakout Lugs (20 pcs)
LS200: 2" ID X 5 FT Lg, M250 Straight Thread Tool Joints with Breakout Lugs (40 pcs)
Bits included: Step Drag Bits - (3) 3-7/8", (1) 5-7/8"; Reamers (1) 5-7/8", (1) 7". Carbide faced

Options:

Wheel Kit
Anchor Kit



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