

Land Drilling Rig

This Land Drilling Rig represents the state of the art in land drilling rig technology. Designed and built for the European, Middle East & UAE market territories, the Rig comes with features such as VFD/PLC electric drive, joystick-controlled rig automation system and quick rig up/down mechanism. The 450 Ton Rig is designed for horizontal and directional drilling to a recommended total depth of 7.000 m (22.950 ft) in oil, gas and geothermal wells.

This land drilling rig may be purchased or ordered with the following options:

- BOP handling system
- Hydraulic catwalk
- Iron roughneck
- Power slip
- Winterization / Tropical / Gulf package.



Main Characteristics and Parts

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| Rig Power | 2.000 HP (1.491 kW) |
| Recommended Drilling Depth | 7.000 m (22.960 ft) with 127 mm (5" DP) |
| Maximum Hook Load | 450 ton (990.000 lbs) |
| Substructure Height | 10,5 m (34,5 ft) |
| Mast Height | 46,5 m (152,5 ft) |
| Traveling System | 6 x 7 (12 lines) |
| Drill Line Diameter | 38 mm (1 1/2") |
| Drawworks | Single Drum / Lebus Jacket / Whichita Multi-Plate Disc Brake 4 x 38" |
| Rotary Table Opening | 952 mm (37 1/2") |
| Electric Drive Mode | AC-VFD-AC |
| Number of Main Generator x Capacity | 3 x 1.750 HP (50Hz - 1.750 kVA) / CAT 3516 |
| Number of Mud Pump x Power | 3 x 1.600 HP (1.176 kW) / Gardner Denver or Equivalent |
| Top Drive | 500 ton - 800 HP AC |
| Traveling Block & Hook Combo Capacity | 450 ton (992.000 lbs) |
| Swivel Capacity | 450 ton (992.000 lbs) |