

180M Mobile Drilling Rig

This Mobile Drilling Rig is rotary drilling rig designed for horizontal and directional drilling to a total depth of 3.500 m (11.500 ft) in oil, gas and geothermal wells. It is also capable of performing heavy workover tasks to a total depth of 5,600 m (18,500 ft). The Rig is a versatile and powerful drilling machine that occupies less area than conventional drilling rigs while retaining all the muscle! Designed and developed in the field and under the most demanding conditions, The Rig has been optimized with useful options such as the following:

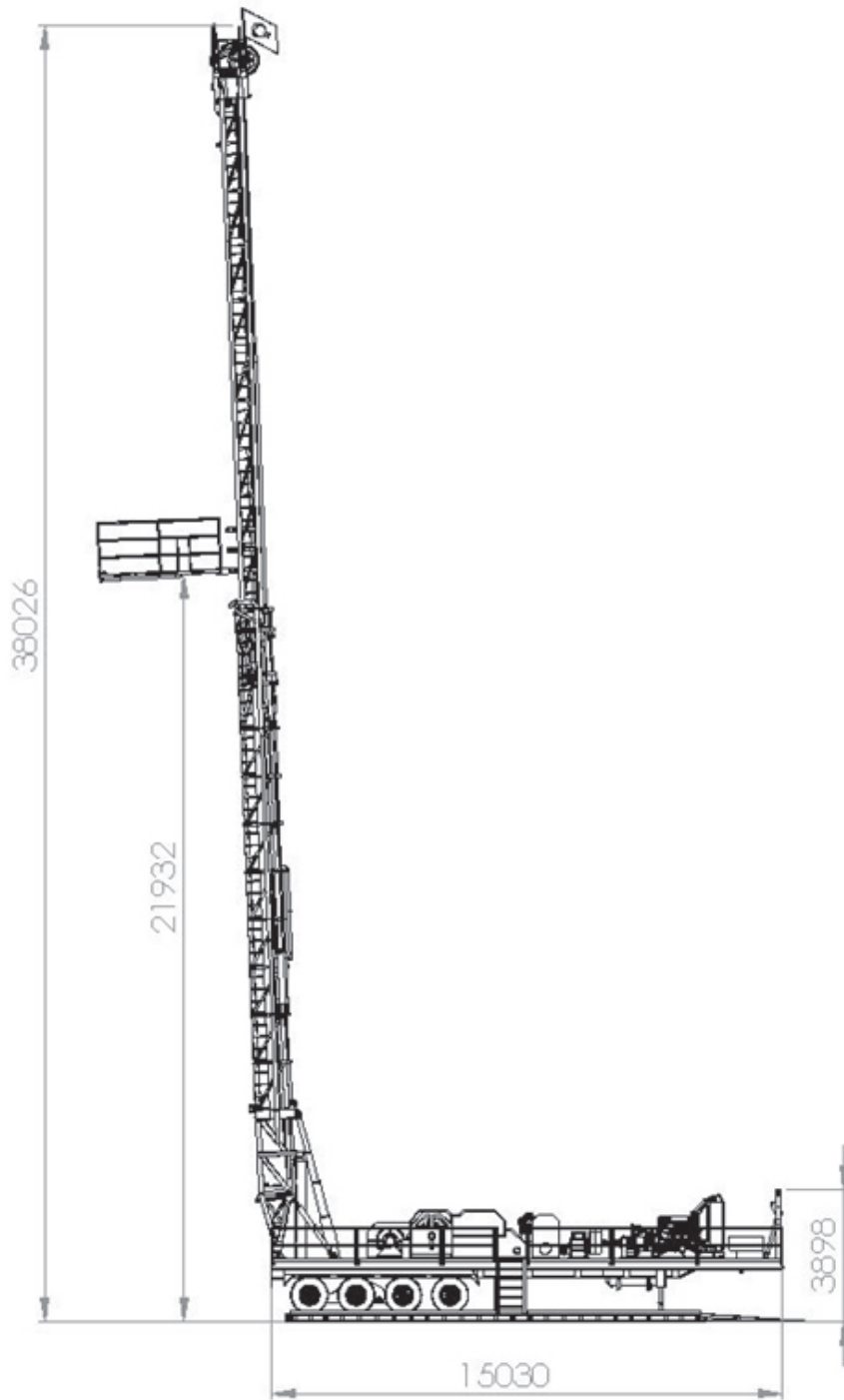
- Heavy-duty substructure (higher setback capacity, extended driller's platform) or,
- Slingshot substructure (faster erection time, simpler mobilization)
- Double-drum configuration
- Carrier-mounted (fully-mobile) configuration
- BOP handling system
- Hydraulic catwalk
- proprietary solid-control-system automation
- Winterization / Tropical / Gulf package



Main Characteristics and Parts

Rig Power	1.080 HP (794 kW)
Drilling Depth	3.500m (11.500 ft) with 114 mm (4½") DP
Workover Depth	5.600m (18.500 ft) with 89 mm (3½") DP
Maximum Hook Load	180 ton (400.000 lbs)
Mast Height	36 m (118 ft) - 38m (124 ft)
Substructure Height	5,20 m (17 ft)
Traveling System	5 x 4 (8 lines)
Drill Line Diameter	29 mm (1 1/8")
Rotary Table Opening	698,5 mm (27 1/2")
Traveling & Hook Block Combo	200 ton (440.000 lbs)
Swivel Capacity	200 ton (440.000 lbs)
Deck Engine	2 x 540 HP (403 kW) CAT C15
Transmission	2 x Allison S6620 Automatic
Instrumentation	MD/Totco indicator & gauges, pneumatic controllers
Optional Top Drive	250 Ton - 400 HP

SIDE VIEW



PLAN VIEW

