



- Mobile Truck or Trailer Based
- Workover and Drilling
- Designed for Easy Top Drive Integration
- Compact Transport Dimensions
- Mechanically Driven
- Fast and Safe Moving
- Custom-made Solutions Available
- Skidable
- Certified acc. API / TR-ZU / ATEX and DIN
- CE Certified

MOBILE DRILLING RIG MD 150



Main Data

- Rated Hook Load: 150 mt
- Reeving: 10 fold
- Design Temperature: - 20 °C to + 40 °C
- Transport Dimensions (LxWxH): 20.0 x 3.0 x 4.0 m

Carrier

- 14 x 8 Tatra T815
- 5 Steered / 4 Driven Axles
- Turning Radius: 16.5 m
- Max. Speed on Road: 62 km/h

Engines

- 1 Engine CAT C18 ACERT Tier IV F
- Power Rating: 750 HP (563 kW)
- Allison Automatic Transmission

Mast

- Mast Height: 38.7 m
- Free Working Height: 31.5 m
- Telescopic and Erection System
- Safe-T Climb System
- Escape System

Substructure

- Working Area: 5.7 m x 7.5 m
- Drillfloor Height: 6.0 m
- Hydraulic Driven Rotary Table
- Rotary Table: 27 ½"

Controls

- Control Panel for Levelling Jacks, Mast Raising

Hydraulic System

- For Control of Onboard Equipment and Tongs
- Max. Working Pressure: 210 bar
- Max. Volume Flow: 238 l/min
- Hydraulic Tank: 1,050 l

Pneumatic System

- Max. Working Pressure: 10 bar
- Max. Volume Flow: 710 l/min

Racking Board

- Adjustable 3-fold, Pitch 0.8 m
- Racking Board Height: 18 m above Drill Floor (Upper Position)
- Max. DP String Length: 2,470 m
with Drill Pipes DP 5" - 130 pcs, DC 9 ½" - 4 pcs,
DC 6 ½" - 6 pcs
- Wind Walls

Drawworks

- STREICHER DW-M 210
- Mechanically Driven
- Disc Brake System with Water Cooled Multidisc Auxiliary Brake
- Drill Line Size: 1" (25 mm)
- Crown Saver & Hook Load Limiter

Auxiliary Winch

- 1 Hydraulic Winch
- Max. Lifting Capacity: 3 mt

Additional Options

- Data Acquisition System
- Top Drive
- Swivel
- Catwalk and Pipe Rack
- Mud System (Pumps, Tanks and Mud Treatment)
- Well Control and Downhole Equipment
- Alternative Temperatures (- 40 to + 40 °C; 0 to + 50 °C)

Applied Standards and Regulations

- Machinery Directive 2006/42/EC (CE – declaration of conformity)
- Pressure Equipment Directive 97/23/EC
- Explosion Proof Equipment Directive 94/9/EC (ATEX)
- Low Voltage Equipment 2006/95/EC
- Electromagnetic Compatibility 2004/108/EC
- Functional Safety IEC 61508
- Drilling and Well Servicing Structures API Spec. 4F
- Drilling and Production Hoisting Equipment API Spec. 8C
- TR-ZU (EAC Declaration of Conformity)