

MD 150



The rig MD150, produced by German manufacturer Streicher is of conventional design including several high-end features. It is suitable for all workover operations and drilling operations with the advantage of fast rig moves,

easy operations and simple maintenance. MD150 is manufactured in compliance with latest EU regulations proven by CE and ATEX marking. The rig is carried by TATRA chassis which gives the rig an enormous agility.

MD 150

Mast

Type:	STREICHER
System:	Telescopic mast
Total height incl. substructure:	39,9 m
Mast clear height:	31,5 m
Hookload capacity at 10 lines:	150 mt
Racking capacity 5" DP:	2 660 m (double stands of 5" DP)
Racking capacity 3 1/2" DP:	3 670 m (double stands of 3 1/2" DP)

Substructure

Type:	STREICHER
System:	Slingshot
Height of drill floor:	6 m
Height underneath rotary table:	4,6 m
Setback load max.:	115 mt

Drawworks

Make and Type:	STREICHER DW-M 210
Rated power	460 kW (616 HP)
Drill line diameter:	25 mm
Max. line pull, 1st gear:	210 kN (21,4 mt)

Engine of Rig

Make and Type:	CAT C18 ACERT Tier 4 F
Rated Power:	563 kW (755 HP)
Engine type:	Diesel

Top Drive

Make and Type:	STREICHER TD180
Load rating:	180 mt
Rated power	563 kW (755 HP)
Max. speed	200 rpm
Output Torque (continuous):	40 000 Nm
Tool Torque (intermittent and stall):	47 000 Nm

Rotary Table

Make and Type:	Mud King RT275-53, 27 1/2"
Rotary Table Drive:	Hydraulic drive
Max. Rotating rotor Torque:	27 475 Nm
Max. Table speed:	200 rpm

Mud Pumps

Make and Type:	IRI Ideco T-1000
Mud pump number:	Two (2 x)
Hydraulic output power:	746 kW (1 000 HP)
Mud pump engines:	CAT 3512 CHD
Max pressure:	368 bar (5 335 psi)

Mud Tank System

Type:	T-machinery
Active mud volume:	114 m ³
Reserve mud tank:	45 m ³
Water tank:	54 m ³

Solids Removal System

Shale shaker type:	MiSwaco Mongoose PT Shaker
Shale shaker number:	Three (3 x)
Desander:	MiSwaco + pump Mission Magnum
Desilter:	MiSwaco + pump Mission Magnum
Drilling Mud Degasser:	MiSwaco CD 1400
Mud Gas Separator:	YES

Iron Roughneck

Make and Type:	McCoy WeTorq 105 H
Make-up Torque:	115 260 Nm
Break-out Torque:	142 380 Nm
Spin Wrench Tubular Range:	3 1/2" DP OD to 9 1/2" DC OD

Additional Features

Electric Generator:	Make and Type: CAT 3412 Rated Power: 720 kW Number of: 2
Auxiliary Winch:	Drive type: hydraulic Max. hoisting capacity: 3,0 mt Max. line speed: 34 m/min on 5 th layer Number of: 2
Safety Systems:	Crown-o-Matic Drill Floor Saver