

SEDLAR 250

STRUCTURE	Metric	Imperial
Type	Self Elevating Drilling Land Rig	
Nominal hook load capacity	200 tonnes / 21.2 m	440,000 lbs / 70 ft
Occasional hook load capacity	250 tonnes / 15 m	580,000 lbs / 50 ft
Hook stroke	21.2 m	70 ft
Cables	6 X 32 mm	6 x 1 1/4"
Table opening size	950 mm	37 1/2"
Snubbing capacity (push down)	15 tonnes	33,000Lbs
Clear Height from ground to Rotary beams: 6 meters		19.5 ft

POWER DISTRIBUTION

Diesel Generators	4 x 1,700 KVA	
Mud pump drives	2 x 1,600 HP AC/AC	
Mast hoisting & Top Drive power	1 x 1,200HP Electro hydraulic power pack	

TOP DRIVE SYSTEM

Design / make	Foremost	Foremost
Through bore	76 mm	3"
Nominal Working pressure	250 bar	3,600 PSI
Top Drive motor	Hydraulic	Hydraulic
Continuons torque	4,200 m.daN	31,000 ft.Lbs
Occasional peak torque	4,600 m.daN	34,500 ft.Lbs
Continuous rotation speed	220 RPM	220 RPM
Nominal Lifting capacity	270 tonnes	600,000 lbs
Occasional pulling capacity	330 tonnes	720,000 lbs

OPERATION - Drilling

Drilling depth	4,200 m	13,800 ft
Drill pipe Tripping	Single Range 3 and or double range 2	
Drill pipe Tripping speed	700 m/hour	2200 ft/hour
Tubing Tripping	Double Range 2	Double Range 2
Pipe handling	Pipe handling arm	
Drill pipe slips	Air operated remote controlled Power slips	
Make up and break out	NOV ST-80 Iron Roughneck	
BOP stack	Annular + Double RAM + S ingle RAM 13 5/8" x 5,000 PSI	
Choke manifold	3-1/16" x 5,000 PSI	
Drill pipe rack	Drill pipe baskets for double range 2 stands	

OPERATION - Moving

Minimum size of drilling site	40 m x 60 m	130 ft x 172 ft
Mast & Substructure	Trailer (self erecting)	
Mud tanks	360 m ³	total 2,300 bbl
Mud pumps	2 x1,200HP AC/AC	2 x1,200HP AC/AC
Offices	12 m ISO Containers	40ft ISO Containers

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