

# RIG 21 - INTERNALLY GUYED DOUBLE

Max Depth Capacity: 3,800 m

Class III

## MAST

Mast Type	<i>Telescopic Double</i>	Drill Line Size (mm)	25.4
Mast MFG	<i>CARE Industries</i>	Number of Lines	6
SHL - Externally Guyed (daN)	89,000	3:1 Capacity (daN)	80,300
SHL - Free Standing (daN)	80,000	2:1 Capacity (daN)	120,400
Mast Clear Height (m)	32.0	Sandline Size (mm)	12.7 (4,200 m Max)
Racking Cap.-88.9mm (m)	3,800		

**Drill Line API Specification for EIPS 6 x 26 is:**

**3 : 1 Safety factor drilling; 2 : 1 Safety factor running casing or stuck pipe.**

## INTERNAL GUYED COMPONENTS

Rig Beam MFG	<i>CARE Industries</i>	Geronimo Plate MFG	<i>CARE Industries</i>
Turnbuckles MFG	<i>CARE Industries</i>		

## CARRIER

Carrier MFG	<i>CARE Industries</i>	Drawworks Drive	<i>CAT C11</i>
Drawworks Model	<i>ALCO 42X10</i>	Drive Rating (kW)	287
Rated Power (kW)	336	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size (mm)	1,067 x 254	Sandline Drum Brake Size (mm)	965 x 203
Auxiliary Brake	<i>Kobelt 1,016 mm Disc</i>		

## OVERHEAD EQUIPMENT

Block Type	<i>McKissick 100T</i>	Block Capacity (daN)	89,000
Bails Type	<i>BVM 150T</i>	Bail Capacity (daN)	133,400
Rod Hook Type	<i>Oil Country 35 T</i>	Rod Hook Capacity (daN)	31,100
Tbg Elevator Type	<i>BJ / Mud King / AOT</i>	Tbg Elevator Size (mm)	60.3 to 114.3
Rod Elevator Type	<i>O'Bannon/Trico/Oil Country</i>	Rod Elevator Size (mm)	15.8 To 25.4

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Gill 58-93</i>	Tbg Tongs Size (mm)	60.3 to 88.9
Air Slips Type	<i>C</i>		

## BOPs (NACE)

Annular MFG	<i>IEI</i>	Pressure Rating & Size	34,500 kPa, 179 mm
Double Gate MFG	<i>IEI</i>	Pressure Rating & Size	34,500 kPa, 179 mm
Kill Spool Pressure Rating & Size			34,500 kPa, 179 mm c/w 50.8 mm Outlet and Valve
Safety Valve Pressure Rating & Size			34,500 kPa, 73 mm
Hydraulic Regan Pressure Rating & Size			21,000 kPa, 76.2 mm (Type - K)

## ACCUMULATOR

**Class III**

Accumulator MFG	<i>Control Technology</i>	Max Operating Pressure (kPa)	21,000
Accumulator Vol. (l)	151	# of Stations	3

### SAFETY EQUIPMENT

Fire Extinguisher Size (qty)	13.6 kg (4)	Gas Detector	Yes
SCBA Quantity	2 w/ Spare Bottle	LEL Monitor	Yes
Self Retracting Lifeline (qty)	2	Crown Saver	Yes
		Pipe Ram Saver	Yes

### MOBILE DOGHOUSE

Generator Sets	Isuzu	Prime Rating (kW)	40
Change Room Size (m)	4.57 x 2.95	Bathroom Facilities	Yes
Generator House Size (m)	4.57 x 2.95	Wi-Fi Hotspot Booster	Yes

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2007	Mud Pump Drive	CAT C11
Pump MFG & Model	SJ Petro 300	Pump Drive Rating (kW)	261
Pump Rated Power (kW)	261	Pump Pressure (kPa)	34,500
Pump Stroke Length (mm)	127	Centrifugal Pump Size (mm)	101 x 76
Manifold Valve Quantity	7	Transmission	Allison 4500 PRM
Manifold Rating (kPa)	34,500	# of Tank Compartments	2
Total Tank Volume (m <sup>3</sup> )	34	Line Pipe Rating (kPa)	34,500

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

Rod Tongs Type	M50	Rod Tongs Size (mm)	As Required
Rod Backoff Tool Type	Oil Country	Rod Backoff Tool Size (mm)	As Required
Low Lying Slips Type	Bosch	Low Lying Slips Size (mm)	As Required
Personal H <sub>2</sub> S Monitor	As Required	NORM Radiation Monitor	As Required
Drill Out Head (mm)	As Required	Pipe Trailer	As Required
Skid Boiler (kW)	60	Mud Can	As Required

*Standard specifications represent the typical rig configuration, but could be subject to slight modifications from time to time due to customer requirements.*