

# RIG 22 - 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)	<i>89,000</i>	3:1 Capacity (daN)	<i>80,300</i>
SHL - Free Standing (daN)	<i>80,000</i>	2:1 Capacity (daN)	<i>120,400</i>
Mast Clear Height (m)	<i>32.0</i>	Sandline Size (mm)	<i>14.3 (4,200 m Max)</i>
Racking Cap. -88.9mm (m)	<i>3,800</i>		

**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)	<i>287</i>
Rated Power (kW)	<i>336</i>	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size (mm)	<i>1,067 x 254</i>	Sandline Drum Brake Size (mm)	<i>965 x 203</i>
Auxiliary Brake	<i>Kobelt 1,016 mm Disc</i>		

## OVERHEAD EQUIPMENT

Block Type	<i>McKissick 100T</i>	Block Capacity (daN)	<i>89,000</i>
Bails Type	<i>BVM Tool Pusher 150T</i>	Bail Capacity (daN)	<i>133,400</i>
Rod Hook Type	<i>O'Bannon 20T</i>	Rod Hook Capacity (daN)	<i>17,800</i>
Tbg Elevator Type	<i>Gearench / Diehl</i>	Tbg Elevator Size (mm)	<i>60.3 to 88.9</i>
Rod Elevator Type	<i>O'Bannon Plate Type</i>	Rod Elevator Size (mm)	<i>19.1 To 25.4</i>

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Gill 58-93</i>	Tbg Tongs Size (mm)	<i>60.3 to 88.9</i>
Rod Backoff Tool Type	<i>BJ</i>	Rod Backoff Tool Size (mm)	<i>15.9 to 25.4</i>
Air Slips Type	<i>C</i>		

## BOPs (NACE)

Annular MFG	<i>IEI</i>	Pressure Rating & Size	<i>34,500 kPa, 179 mm</i>
Double Gate MFG	<i>IEI</i>	Pressure Rating & Size	<i>34,500 kPa, 179 mm</i>
Kill Spool Pressure Rating & Size			<i>34,500 kPa, 179 mm c/w 50.8 mm Outlet and Valve</i>
Safety Valve Pressure Rating & Size			<i>34,500 kPa, 73.0 mm &amp; 88.9 mm</i>
Hydraulic Regan Pressure Rating & Size			<i>21,000 kPa, 76.2 mm (Type - K)</i>

## ACCUMULATOR

**Class III**

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

### 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
Tension Limiter	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		

### 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 RDS
Manifold Rating (kPa)	34,500	# of Tank Compartments	2
Total Tank Volume (m <sup>3</sup> )	32	Line Pipe Rating (kPa)	34,500

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

Rod Tongs Type	M50	Rod Tongs 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
Catwalk	Conventional	Pipe Racks	As Required
Drill Out Head (mm)	As Required	Mud Can	As Required
Skid Boiler (kW)	60		

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