

# RIG 28 - INTERNALLY GUYED SINGLE

Max Depth Capacity: 2,800 m

Class II

## MAST

Mast Type	<i>Stiff Single</i>	Drill Line Size (mm)	25.4
Mast MFG	<i>CBI</i>	Number of Lines	4
Static Hook Load (daN)	<i>56,000</i>	3:1 Capacity (daN)	<i>55,800</i>
Mast Clear Height (m)	<i>21.9</i>	2:1 Capacity (daN)	<i>83,600</i>
Racking Cap.-88.9mm (m)	<i>2,100</i>	Sandline Size (mm)	<i>14.3 (3,000 m Max)</i>
Racking Cap.-73.0mm (m)	<i>2,500</i>	Racking Cap.-60.3mm (m)	<i>2,800</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>CBI</i>	Geronimo Plate MFG	<i>CBI</i>
Turnbuckles MFG	<i>CBI</i>		

## CARRIER

Carrier MFG	<i>CBI</i>	Drawworks Drive	<i>CAT C11</i>
Drawworks Model	<i>Hulkster 650-DD</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>

## OVERHEAD EQUIPMENT

Block Type	<i>McKissick 75T</i>	Block Capacity (daN)	<i>66,700</i>
Bails Type	<i>Cavins 150T</i>	Bail Capacity (daN)	<i>133,400</i>
Rod Hook Type	<i>Oil Country 35T</i>	Rod Hook Capacity (daN)	<i>31,100</i>
Tbg Elevator Type	<i>Diehl / AOT</i>	Tbg Elevator Size (mm)	<i>60.3 to 88.9</i>
Rod Elevator Type	<i>Trico 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 Tongs Type	<i>Gill 300</i>	Rod Tongs Size (mm)	<i>19.1 to 25.4</i>
Rod Backoff Tool Type	<i>Metaltek Machining</i>	Rod Backoff Tool Size (mm)	<i>19.1 to 25.4</i>
X-Celerator Type	<i>C-Tech X-300</i>	X-Celerator Capacity (daN)	<i>7,100</i>
Air Slips Type	<i>C</i>		

## BOPs (NACE)

Double Gate MFG	<i>HRSB</i>	Pressure Rating & Size	<i>21,000 kPa, 229 mm</i>
Kill Spool Pressure Rating & Size			<i>34,500 kPa, 228.6 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

<b>Class II</b>			
Accumulator MFG	<i>Control Technology</i>	Max Operating Pressure (kPa)	<i>21,000</i>
Accumulator Vol. (l)	<i>76</i>	# of Stations	<i>2</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
		Pipe Ram Saver	Yes

### MOBILE DOGHOUSE

Generator Sets	Yanmar	Prime Rating (kW)	40
Change Room Size (m)	4.57 x 2.85	Bathroom Facilities	Yes
Generator House Size (m)	4.57 x 2.85	Wi-Fi Hotspot Booster	Yes

### EQUIPMENT TRUCK WITH PICKER

Crane MFG & Model	Maxilift ML300.3	Crane Lifting Capacity (kg)	2,046
Truck MFG & Model	Freightliner M2		

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2002	Mud Pump Drive	Cummins ISC 300
Pump MFG & Model	GD TEE 4 x 5	Pump Drive Rating (kW)	224
Pump Rated Power (kW)	123	Pump Pressure (kPa)	21,000
Pump Stroke Length (mm)	127	Bowie Pump Size (mm)	76.2
Manifold Valve Quantity	7	Transmission	Allison MD3560
Manifold Rating (kPa)	21,000	# of Tank Compartments	2
Total Tank Volume (m <sup>3</sup> )	30	Line Pipe Rating (kPa)	34,500

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

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.*