

# RIG 40 - 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>CARE Industries</i>	Number of Lines	4
Static Hook Load (daN)	66,700	3:1 Capacity (daN)	55,800
Mast Clear Height (m)	21.9	2:1 Capacity (daN)	83,600
Racking Cap.-88.9mm (m)	2,100	Sandline Size (mm)	14.3 (3,000 m Max)
Racking Cap.-73.0mm (m)	2,500	Racking Cap.-60.3mm (m)	2,800

### 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)	261	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size (mm)	1,067 x 254	Sandline Drum Brake Size (mm)	965 x 203

## OVERHEAD EQUIPMENT

Block Type	<i>McKissick 75T</i>	Block Capacity (daN)	66,700
Bails Type	<i>Oil Country 150T</i>	Bail Capacity (daN)	133,400
Rod Hook Type	<i>O'Bannon 25T</i>	Rod Hook Capacity (daN)	22,200
Tbg Elevator Type	<i>Diehl / Gearench</i>	Tbg Elevator Size (mm)	60.3 to 88.9
Rod Elevator Type	<i>Trico / Oil Country</i>	Rod Elevator Size (mm)	19.1 To 31.8

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Oil Country 58-93</i>	Tbg Tongs Size (mm)	60.3 to 114.3
Rod Tongs Type	<i>Gill 300</i>	Rod Tongs Size (mm)	19.1 to 25.4
Rod Backoff Tool Type	<i>Guiberson</i>	Rod Backoff Tool Size (mm)	19.1 to 25.4
X-Celerator Type	<i>C-Tech X-300</i>	X-Celerator Capacity (daN)	7,100
Air Slips Type	<i>C</i>		

## BOPs (NACE)

Double Gate MFG	<i>Townsend</i>	Pressure Rating & Size	21,000 kPa, 229 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

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

### 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	Atlas 65CS-A3L	Crane Lifting Capacity (kg)	3,000
Truck MFG & Model	Freightliner M2		

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2005	Mud Pump Drive	CAT C7
Pump MFG & Model	GD TEE 4 x 5	Pump Drive Rating (kW)	224
Pump Rated Power (kW)	123	Pump Pressure (kPa)	34,500
Pump Stroke Length (mm)	127	Centrifugal Pump Size (mm)	101 x 76
Manifold Valve Quantity	7	Transmission	Allison 3000 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)

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.