

# RIG 52 - FREE STANDING SLANT

Max Depth Capacity: 2,600 m

Class II

## MAST

Mast Type	<i>Slant</i>	Drill Line Size (mm)	22.2
Mast MFG	<i>CARE Industries</i>	Number of Lines	4
SHL - Vertical (daN)	55,600	3:1 Capacity (daN)	42,900
SHL - Slant (daN)	48,900	2:1 Capacity (daN)	64,400
Mast Clear Height (m)	21.3	Racking Cap. (2-3/8")	2,600

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

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

## FREE STANDING COMPONENTS

H Base MFG	<i>CARE Industries</i>	Geronimo Plate MFG	<i>CARE Industries</i>
Load Beam MFG	<i>CARE Industries</i>	Trunnion Arm MFG	<i>CARE Industries</i>

## CARRIER

Carrier MFG	<i>CARE Industries</i>	Drawworks Drive	<i>CAT C11</i>
Drawworks Model	<i>Hulkster 400-D</i>	Drive Rating (kW)	287
Rated Power (kW)	261	Transmission	<i>Allison OFS 4700</i>
Main Drum Brake Size (mm)	965 x 203	Pull Down Winch Capacity (daN)	15,600

## OVERHEAD EQUIPMENT

Block Type	<i>Skytop 75T</i>	Block Capacity (daN)	66,700
Bails Type	<i>Adams Steel 75T</i>	Bail Capacity (daN)	66,700
Rod Hook Type	<i>Trico</i>	Rod Hook Capacity (daN)	22,200
Tbg Elevator Type	<i>Option Industries</i>	Tbg Elevator Size (mm)	60.3 to 114.3
Rod Elevator Type	<i>Trico / Mud King</i>	Rod Elevator Size (mm)	15.9 To 28.6

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Oil Country CH-58</i>	Tbg Tongs Size (mm)	60.3 to 114.3
X-Celerator Type	<i>C-Tech X-300</i>	X-Celerator Capacity (daN)	7,100
Air Slips Type	<i>C</i>	Power Swivel Cart Cap. (daN)	40,000 to 75,600

## BOPs (NACE)

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

## ACCUMULATOR

**Class II**

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	Hiab 200C	Crane Lifting Capacity (kg)	4,171
Truck MFG & Model	Freightliner M2		

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2013	Mud Pump Drive	Detroit DD13
Pump MFG & Model	GD TEE 4 x 5	Pump Drive Rating (kW)	306
Pump Rated Power (kW)	123	Pump Pressure (kPa)	21,000
Pump Stroke Length (mm)	127	Centrifugal Pump Size (mm)	101 x 76
Manifold Valve Quantity	7	Transmission	Allison 4500 RDS
Manifold Rating (kPa)	35,000	# of Tank Compartments	2
Total Tank Volume (m <sup>3</sup> )	32	Line Pipe Rating (kPa)	34,500

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

Tbg Rotator Type	Option Industries	Tbg Rotator Size (mm)	As Required
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.*