

RIG 51 - 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.-60.3mm (m)	2,600

Drill Line API Specification for EIPS 6 x 26 is:

3 : 1 Safety factor hoisting; 2 : 1 Safety factor pulling on stuck pipe and similar infrequent operations.

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 25T</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>Mud King Plate Type</i>	Rod Elevator Size (mm)	15.9 To 25.4

HANDLING EQUIPMENT

Tbg Tongs Type	<i>Oil Country CH-58</i>	Tbg Tongs Size (mm)	60.3 to 114.3
Tbg Rotator Type	<i>Option Industries</i>	Tbg Rotator Size (mm)	60.3 to 88.9
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)

Annular MFG	<i>Control Technology</i>	Pressure Rating & Size	21,000 kPa, 346 mm
Double Gate #1 MFG	<i>Control Technology</i>	Pressure Rating & Size	21,000 kPa, 346 mm
Double Gate #2 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 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	Isuzu	Prime Rating (kW)	60
Change Room Size (m)	4.57 x 2.85	Bathroom Facilities	Yes
Generator House Size (m)	4.57 x 2.85		

EQUIPMENT TRUCK WITH PICKER

Crane MFG & Model	Amco Veba V820	Crane Lifting Capacity (kg)	4,171
Truck MFG & Model	Freightliner M2		

MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG	International 2014	Mud Pump Drive	MaxxForce 13
Pump MFG & Model	SJ Petro 300	Pump Drive Rating (kW)	306
Pump Rated Power (kW)	261	Pump Pressure (kPa)	34,500
Pump Stroke Length (mm)	127	Bowie Pump Size (mm)	76.2
Manifold Valve Quantity	7	Transmission	Allison 4500 OFS
Manifold Rating (kPa)	34,500	# of Tank Compartments	2
Total Tank Volume (m ³)	32	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 ₂ 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.