



# RIG 4TD

## Depth Capacity (TVD):5000 Rig Loads w/ Topdrive - 26 Summer/27 Winter

Loads may vary with Tubular requirements

### MAST

Mast Type	Telescopic Double	Drill Line Size (mm)	28.6
Mast Model	MT106-9.5-460G	Number of Lines	10
Static Hook Load (daN)	204,600		
Mast Clear Height (m)	32.3		

### SUBSTRUCTURE

Substructure Type	One Piece, step-down	Substructure Model	ST14-14.2-400G
BOP-Sub Clear Height (m)	3.69	Rotary Table Model	Fargo 27RT
Ground to Rotary Top Height	5.75 w/ Pony Sub	Rotary Table Capacity (daN)	180,000
Setback Capacity (daN)	180,000	Rotary Table Size (mm)	698.5
Racking Capacity (m)*	6,500		

\* Racking Capacity w/ 101.6mm pipe or 114mm pipe (133mm tool joints)

### DRAWWORKS (MECHANICAL)

Drawworks Model	Rigworks RWD700T	Drawworks Drive	Cummins QSX15
Single Line Pull (daN)	22,700	Drive Rating (kW)	470
Rated Power (kW)	570	Auxiliary Brake	136 WCDB Eaton
Transmission Model	Allison S6610H		

### OVERHEAD EQUIPMENT

Block/Hook Model	BHU200	Block Capacity (daN)	196,000
------------------	--------	----------------------	---------

### MUDPUMPS (2)

Model	WF 1300	Mudpump Drive	Cummins QST30
Rated Power (kW)	970	Pumpdrive rating (kW)	1007
Stroke Length (mm)	279		

\*\*\* 51,700kpA High pressure circulating system

### MUD SYSTEM

Total Volume (m3)	100	# of Mudtanks	2
Active Volume (m3)	85	# of Compartments	7 Useable
Trip Tank Volume (m3)	6.4	Pill Tank Volume (m3)	7.1
Agitators Power (qty)	4x5.6kW	Centrifugal Pump Size (mm)	127x152x279
Centrifugal Pump Quantity	2x37.3kW	Degasser Size (mm)	762
Shale Shaker (2)	Swaco Mongoose		

### ACCUMULATOR

Accumulator Manufacture	Control Tech	Operating Pressure (kpA)	21,000
Accumulator Volume (l)	320	# of stations	5

### BOP'S (NACE)

Annular	Shenkai Spherical	Pressure Rating & Size	34,500kpA, 279mm
Ram #1	HEC Double	Pressure Rating & Size	34,500kpA, 279mm
Ram #2	LXT Single	Pressure Rating & Size	34,500kpA, 279mm



# RIG 4TD

## CHOKE MANIFOLD (NACE)

Type	Double Gut	Pressure Rating & Size	34,500kPa
Size (mm)	76		

## GENERATOR SETS (2)

Manufacture	Stamford	Engine Manufacture	Cummins
Generator Model (qty)	2	Engine Model	QSX-15
Rating (kW)	550 (each)		

## MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (m3)	18	Pipetubs	Hydraulic/Conventional
# Fuel Tanks	1	Catwalk	Hydraulic Skate
Water Tank Capacity (m3)	85		
# Water Tanks	1		

## TUBULARS

Based on operator's program requirements

## BOILER

Boiler Manufacture	Williams & Davis	Boiler Rating (kW)	93
Fuel Tank capacity	6m3	Water Tank Capacity	20m3

## TOPDRIVE

Manufacture	Canrig	Engine Manufacture	Caterpillar
Model	6027AC	Top Drive Capacity (daN)	244,600
Rated Input Power	600 HP	Max Drill Torque	30,000 ft/lbs
Makeup Torque	35,000 ft/lbs	Breakout Torque	60,000 ft/lbs
Max Speed	225 rpm		

**\*Generators, Pump Engines, and Top Drive Generator equipped with dual fuel capabilities.**