



# RIG 8TD

## Depth Capacity (TVD):4500 Rig Loads w/ Topdrive- 24 Summer/25 Winter

Loads may vary with Tubular requirements

### MAST

Mast Type	Telescopic Double	Drill Line Size (mm)	28.6
Mast Model	MT106-9.5-440G	Number of Lines	10
Static Hook Load (daN)	195,000		
Mast Clear Height (m)	32.3		

### SUBSTRUCTURE

Substructure Type	One Piece, step-down	Substructure Model	ST14.75-14.2-400I
BOP-Sub Clear Height (m)	4.75 w/ Pony	Rotary Table Model	Fargo 27RT
Ground to Rotary Top Height	5.75 w/ Pony	Rotary Table Capacity (daN)	178,000
Setback Capacity (daN)	155,700	Rotary Table Size (mm)	698
Racking Capacity (m)	5,500		

\* Racking Capacity is calculated w/ 101.6mm pipe

### DRAWWORKS (MECHANICAL)

Drawworks Model	Rigworks RWD800T	Drawworks Drive	Cummins QSX15
Single Line Pull (daN)	22,700	Drive Rating (kW)	597
Rated Power (kW)	597	Auxiliary Brake	136 WCDB Eaton
Transmission Model	Allison S6620H		

### OVERHEAD EQUIPMENT

Block/Hook Model	McKinney 250Ton	Block Capacity (daN)	225,000
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### MUDPUMPS (2)

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

\*\*\* 35,000kpA High pressure circulating system

### MUD SYSTEM

Total Volume (m3)	130	# of Mudtanks	2
Active Volume (m3)	115	# of Compartments	7 Useable
Trip Tank Volume (m3)	6.4	Pill Tank Volume (m3)	7.1
Agitators Power (qty)	4x7.5kW	Centrifugal Pump Size (mm)	127x152x279
Centrifugal Pump Quantity	2x37.3kW	Degasser Size (mm)	2x 914
Shale Shaker (2)	Swaco Mongoose		

### ACCUMULATOR

Accumulator Manufacture	Control Tech	Operating Pressure (kpA)	21,000
Accumulator Volume (l)	460	# of stations	6

### BOP'S (NACE)

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



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## REMOTE 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)	23	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	10m3	Water Tank Capacity	20m3

## TOPDRIVE

Manufacture	Tesco	Engine Manufacture	Caterpillar
Model	HXI 250 Ton	Top Drive Capacity (daN)	225,000
Rated Input Power	700 HP	Max Drill Torque	24,000 ft/lbs
Makeup Torque	32,000 ft/lbs	Breakout Torque	32,000 ft/lbs
Max Speed	200 rpm		