



# R601



## Rig

Make Foremost  
 Model DR12-900  
 Carrier Kenworth T800  
 Rig Engine Cummins ISX 525 HP  
 Drilling Operations Dual Rotary, Air Rotary, Mud Rotary, Foam Injection, Reverse Air Sub, Solid/Hollow Auger, Standard Penetration Testing, Shear Vein Testing, Casing extraction



## Move Loads

Summer 2 Loads  
 Winter 3 Loads



## Capabilities

Depth 150.0 m (610 mm Casing) - 400.0 m (152 mm Casing)  
 Hole Size 152 mm to 610.0 mm (6 inches to 24 inches)



## Mast

Make Foremost  
 Model DR-12  
 Range Range 1 Compatible - Top Drive Travel - 7.9 meters (26.0')  
 Dimensions 11.0 m (L) x 1.20 m (W) x 0.90 m (D) : (36.0' (L) x 48" (W) x 36" (D))  
 Static Hook Load 49,000 DaN (110,000 lbs)  
 Pull Back - Top Head 26,000 DaN (58,000 lbs)  
 Pull Down - Top Head 9000 DaN (20,000 lbs)  
 Pull Back - Lower Rotary Table 33,000 DaN (72,000 lbs)  
 Pull Down - Lower Rotary Table 15,000 DaN (33,000 lbs)



## Generator

Make Onan  
 Engine PTO Drive - Dog House  
 Output 30 KwW : 208 Volt - 1 Phase



A	11.60 m	38'	Overall Rig Width
B	5.50 m	18'	Distance between Drill and Boiler Unit
C	23.00 m	79'	Overall Rig Length
D	24.40 m	80'	Distance from Hole Centre to Edge of Lease
E	48.75 m	160'	Standard Lease Width/Length

Generator

Boiler





# R601



## Hydraulic Draw Works

Mainline	Pullmaster : M5
Capacity - Line Pull	2,720 DaN (6,000 lbs) - Single Line
Line Speed	30.0 m/min
Line Size	1/2 " (6 x 19 IWRC EIPS )



## Top Drive

Make	Foremost
Model	DR-12
Capacity	26,000 DaN (58,000 lbs)
Torque Output	13,100 N-m : 116,000 in / lbs (rated at 113 R.P.M.)
R.P.M	0 - 113 R.P.M
Swivel	Foremost - Side Swivel



## Lower Drive

Make	Foremost
Model	DR-12
Capacity	33,000 DaN (72,000 lbs)
Torque Output	112,000 N-m : 1,000,000 in / lbs (rated at 113 R.P.M.)
R.P.M	0 - 19 R.P.M.
Swivel	N/A



## Substructure

Static Capacity	100,000 DaN : 220,000 lbs
Working Floor Height	2.0 m
Clear Vertical Height	2.5 m



## Mud Tanks (Optional)

\* This tank is standard equipment: 12.0 to 45.0 m

Total Volume	6.0 m <sup>3</sup>
Compartments	Two Compartments (3.0 m <sup>3</sup> , 3.0 m <sup>3</sup> )
Shale Shaker	Dynamic Fluid Systems: DFTS 90SM - Pre-tension Linear Motion
Mixing Pump	30 H.P. Forum Mud Hog



## Mud Pump

Make	Cat
Model	Triplex
Output	0.0460 m <sup>3</sup> / min
Max Operating Pressure	4100 kPa
Drive	Hydrostatic

\* This mud pump is standard equipment – Mud pump with capacities up to 2.30 m<sup>3</sup>/min at 15,000 KPA are available



## Air Compressor

Make	Sullair
Model	Dual-Stage
Air Output	32.5 m <sup>3</sup> / min (1150 CFM)
Maximum Pressure	2400 kPa (350 PSI)



## Carrier Specifications

Length	11.0 m (36' 0")
Width	2.59 m (8' 6")
Height	4.0 m (13' 1")
Minimum Ground Clearance	0.30 m (11")
Machine Weight	25,400 Kg (56,000 lbs)
Machine Weight Loaded	30,400 Kg (67,000 lbs)
Travel Speed (Maximum)	110.0 Km / hr - 68 M.P.H.



## Boiler

Make	Hurst
Output	30 H.P.
Water Storage	2.2 m <sup>3</sup> (485 imp. Gallons)
Fuel Storage	1000 L



## Fuel Tanks

Capacity	750 L - On Board Storage
----------	--------------------------

