



# WATER WELL

## WW 28T



Heavy duty Track or Truck mounted, for Reverse Circulation or Grade. Control Supplied complete with basic set equipments, including on board Air Compressor.



# Thor Drill Rig

WATER WELL

WW 28T



## TECHNICAL DESCRIPTIONS

<b>DECK ENGINE</b>	140 HP
<b>STANDARD COMPRESSOR</b>	Differents options availables
<b>DIAMETER RANGES</b>	4" to 24 "
<b>DEPTH CAPACITY</b>	896 M @ 6,5 "
<b>COOLING</b>	Hydraulic cooler fitted
<b>CONTROL SYSTEM</b>	Easy accessable Control pannel with clear view for operator
<b>TRUCK / TRACK MOUNTING</b>	Heavy duty steel chassis
<b>TOP HEAD DRIVE /ROTATION HEAD</b>	Reduction gearbox type ( grease filled) reduction 3,25:1 spindle hole 80 mm , RPM 0-80, MAX TORQUE 9000 Nm, (18000nM on option) spindle thread -102 ARD, Head can be used for both DTH and Rotary Mud drilling
<b>OUTRIGGGERS</b>	4 x steel boxed hydraulic outriggers bore size 100mm, stoke 1000 mm
<b>FEED SYSTEM</b>	Mast tubular construction working with 2 cylinders (no chains or cables )
<b>PULLBACK</b>	28 T @ 220 bar
<b>PULLDOWN</b>	8,4 T @ 300 bar
<b>MAST LENGTH</b>	From 6,6 M to 12M depending on truck chassis lengt
<b>OVERALL DEPTH</b>	400 mm
<b>OVERALL WIDTH</b>	600 mm
<b>TOP HEAD TRAVEL /STROKE</b>	4 M to 7,4 M depending on length of mast
<b>MAST SLIDE TRAVEL</b>	Dump mast optional with 1m to 1,8 m stroke
<b>BREAKOUT SYSTEM</b>	Manual keeper spanner, Conventional hydraulic assited breaker spanner, or hydraulic hands free option.
<b>WINCHES</b>	Standard 500 kg winch as standard ( bigger option available)
<b>HYDRAULIC SYSTEM</b>	In line ventury type with 15 L capacity
<b>HAMMER LUBRICATOR</b>	Differents Mud Pump available to suit applications of customers (Centrifugal/Duplex/Screw pump), hydraulic driven rig mounted or skid mounted diesel unit available
<b>MUD PUMP</b>	Hydraulic driven piston pump 35 L/min at 38 bar
<b>FOAM PUMP</b>	12 & 24 volts with options of working lights, emergency stops, and lock out depending on customer needs.
<b>ELECTRIC SYSTEM</b>	All air lines are rated at 80 bar with whip safety socks on all ends with booster line as option
<b>AIR LINES</b>	12 & 24 volts with options of working lights, emergency stops, and lock out depending on customer needs.
<b>DEPTH CALCULATION EXPLANATION</b>	All depth calculations are theoretical based on different rod/m weight with 20% safety marging worked in 4,5 " rods @ 25kg/M . These capacities are based on the hydraulic capacities of the drilling rigs.



THOR DRILL RIG CC MANUFACTURERS OF DRILLING EQUIPMENT  
Plot 78 Vaalbank, R104 rd to Bronkhorstspruits,1055. PO Box 1881 Rayton, 1002  
South Africa. Tel :+ 27 12 736 2345. marianna@thordrill.co.za len@thordrill.co.za

  @thordrill

 <https://www.thordrill.co.za/>