



WATER WELL

WW 18T



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

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TECHNICAL DESCRIPTIONS

DECK ENGINE	100 HP
STANDARD COMPRESSOR	Different options available
DIAMETER RANGES	4" to 15 "
DEPTH CAPACITY	576 M @ 6,5 "
COOLING	Hydraulic cooler fitted
CONTROL SYSTEM	Easy accessible Control panel with clear view for operator
TRUCK / TRACK MOUNTING	Heavy duty steel chassis
TOP HEAD DRIVE /ROTATION HEAD	Reduction gearbox type (grease filled) reduction 3,25:1 spindle hole 80 mm , RPM 0-110, MAX TORQUE 9000 Nm, spindle thread -102 ARD, Head can be used for both DTH and Rotary Mud drilling
OUTRIGGERS	4 x steel boxed hydraulic outriggers bore size 100mm, stroke 1000 mm
FEED SYSTEM	Mast tubular construction working with 2 cylinders (no chains or cables)
PULLBACK	17 T @ 220 bar
PULLDOWN	6,2 T @ 220 bar
MAST LENGTH	From 6,6 M to 12M depending on truck chassis length
OVERALL DEPTH	400 mm
OVERALL WIDTH	600 mm
TOP HEAD TRAVEL /STROKE	4 M to 7,4 M depending on length of mast
MAST SLIDE TRAVEL	Dump mast optional with 1m to 1,8 m stroke
BREAKOUT SYSTEM	Manual keeper spanner, Conventional hydraulic assisted breaker spanner, or hydraulic hands free option.
WINCHES	Standard 500 kg winch as standard (bigger option available)
HYDRAULIC SYSTEM	In line ventury type with 15 L capacity
HAMMER LUBRICATOR	Different Mud Pump available to suit applications of customers (Centrifugal/Duplex/Screw pump), hydraulic driven rig mounted or skid mounted diesel unit available
MUD PUMP	Hydraulic driven piston pump 35 L/min at 38 bar
FOAM PUMP	12 & 24 volts with options of working lights, emergency stops, and lock out depending on customer needs.
ELECTRIC SYSTEM	All air lines are rated at 80 bar with whip safety socks on all ends with booster line as option
AIR LINES	12 & 24 volts with options of working lights, emergency stops, and lock out depending on customer needs.
DEPTH CALCULATION EXPLANATION	All depth calculations are theoretical based on different rod/m weight with 20% safety margin 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
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