



# MINE EXPLORATION RC RIG

## RC 3000



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

<b>DECK ENGINE</b>	80 HP
<b>FUEL TANK CAPACITY</b>	400 L
<b>STANDARD COMPRESSOR</b>	Different options available
<b>DRILLING CAPACITY</b>	@17 T 554 meters with 4" rods & 453 meters with 4,5" rods
<b>COOLING</b>	Hydraulic cooler fitted
<b>CONTROL SYSTEM</b>	Easy accessible Control panel with clear view for operator
<b>STEEL TRACK MOUNTING</b>	12 tons trackOne under carriage, with manual hydraulic tramming system and wireless remote control option
<b>TRUCK MOUNTING</b>	4x2 or 4x4 truck
<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, spindle thread -102 ARD, Head can be used for RC/DTH/Air core & MUD Rotary
<b>HYDRAULIC HEAD TILT</b>	Hydraulic head tilt for safe and easy rod & casing handling
<b>OUTRIGGERS</b>	4 x steel boxed hydraulic outriggers bore size 100mm, stoke 1m, double fitted double pilot operated check valves in case of hose failure
<b>FEED SYSTEM</b>	Mast tubular construction working with 2 cylinders (no chains or cables)
<b>PULL BACK</b>	17 T @ 220 bar
<b>PULL DOWN</b>	6,2 T @ 220 bar
<b>ROD LENGTH</b>	3 M
<b>MAST LENGTH</b>	6,5 M
<b>OVERALL DEPTH</b>	400 mm
<b>OVERALL WIDTH</b>	600 mm
<b>TOP HEAD TRAVEL /STROKE</b>	4 M
<b>DUMP MAST SLIDE TRAVEL</b>	1,8M
<b>BREAKOUT SYSTEM</b>	Manual keeper spanner, Conventional hydraulic assisted breaker spanner, or hydraulic hands free option.
<b>WINCHES</b>	Worm Drive gearbox type hydraulically driven, Max weight capacity 500kg/1m/sec. Optional wire line winches available.
<b>HYDRAULIC SYSTEM</b>	Open loop hydraulic system, with 3 stages bushing gear pump @ 220 bar
<b>HAMMER LUBRICATOR</b>	In line venturi type with 15 L capacity
<b>FOAM PUMP</b>	Hydraulic driven piston pump 21 L/min @ 200bar
<b>ELECTRIC SYSTEM</b>	12 & 24 volts with options of working lights, emergency stops, and lock out depending on customer needs.
<b>AIR LINES</b>	All air lines are rated at 80 bar with whip safety socks on all ends with booster line as option
<b>SHIPPING DIMENSIONS LxWxH (track mounted rigs)</b>	6600 x 2520 x 2500 mm
<b>GROSS WEIGHT (track mounted rigs)</b>	10 T
<b>DEPTH CALCULATION EXPLANATION</b>	All depth calculations are theoretical based on different rod/m weight with 20% safety margin worked in. 4" RC rods 25KG/m, 4,5" RC rods 30KG/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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