



PROSPECTOR II
Track Mounted RC/RAB Drill

MULTI▶POWER



FEATURES

- 260 HP QSB6.7 Cummins Diesel
- 400 CFM / 200 PSI Compressor
- Turnkey RAB/RC Drill
- Can Be Shipped in a 20ft Sea Container



Prospector II – Track Mounted RC/RAB Drill

SPECIFICATIONS

DEPTH CAPACITIES: Based on 400 CFM / 200 PSI compressor

3-1/2" (89mm)	330 ft / 100 m* <i>*Depending on ground conditions</i>
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PRIME MOVER

Model:	Cummins Q586.7, 6 cylinder, turbo charged diesel engine
Power:	260 HP @ 2200 RPM

STANDARD COMPRESSOR

Model:	Termonneccanica SCA14 62/28 air end
Capacity:	400 CFM / 200 PSI

COOLING

Ambient temperature rating:	50 Deg C (122 Deg F)
Coolers:	Hydraulic driven fans

TRACK PACKAGE

Model:	Cat 307 steel tracked undercarriage
Design:	Hyd. driven piston motors, spring brake, 2 speed, 450mm shoes
Speed:	3.3 mph

TOP DRIVE ROTATION UNIT:

Max torque:	2500 lbs /ft
RPM:	0-120 RPM
Spindle:	Floating w/ NSE2-7/8" Recon thread
Rotation motor:	Char-Lynn 6K series

MAST AND FEED

Design:	Chain over cylinder feed
Pullback:	15,000 lbs.
Pullback speed:	0-76 fpm
Pulldown:	10,600 lbs.
Pulldown speed:	0-73 fpm
Feed stroke:	12.5 ft
Working angle:	45 to 90 degree
Mast dump:	40" travel

CONTROL PANEL

Panel:	Engine display, drilling functions, setup functions, & E-stop
Gauges:	Rotation, holdback & air pressure

HYDRAULIC SYSTEM

Design:	Fully hydraulic, no electronics, open loop
Capacity:	132 GPM
System pressure:	3200 PSI feed/rotation & 5000 PSI travel
Filtration:	10 micron
Components:	Sauer Danfoss, Valvol, Rexroth & Parker
Heat exchanger:	Air:oil

WINCH

Design:	Planetary style w/ fail safe brake
Pull:	1925 lbs.
Capacity:	100 ft x 1/4" cable

WATER INJECTION PUMP

Max flow:	9 GPM
Max pressure:	550 PSI

LUBRICATOR

Design:	Adjustable pneumatically driven pump
Capacity:	0.634 gph

DRILL TABLE/BOP

Opening:	5-1/2"
Break out:	Hydraulic 36" pipe wrench

WEIGHT 20,000 LBS

DIMENSIONS 8' 7" W X 20' L X 9' 8" HT

INCLUDED ACCESSORIES

Sample cyclone, rod rack, rear stabilizers, blade assy, RC swivel

OPTIONS

Rubber tracks
Booster package
RAB package
Operator cab
Sample splitting equipment
Rod handlers



Diamond Core



Seismic



Air Rotary



Specialty &
Multi-Purpose

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