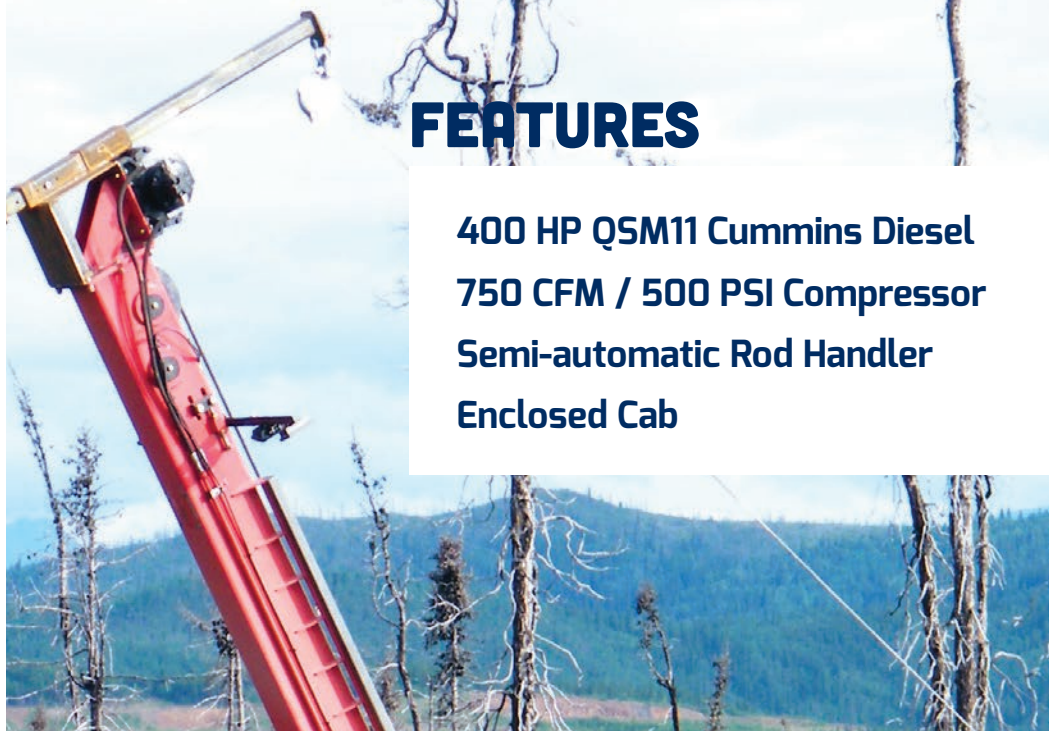




PROSPECTOR I
Track Mounted RC Drill

MULTI▶POWER



FEATURES

- 400 HP QSM11 Cummins Diesel
- 750 CFM / 500 PSI Compressor
- Semi-automatic Rod Handler
- Enclosed Cab



Prospector I – Track Mounted RC Drill

SPECIFICATIONS

DEPTH CAPACITIES: Based on 750 CFM / 500 PSI compressor

4-1/2" (114mm)	1000 ft / 303 m* <i>*Depending on ground conditions</i>
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PRIME MOVER

Model:	Cummins Q5M11, 6 cylinder, turbo charged diesel engine
Power:	400 HP @ 1800 RPM

STANDARD COMPRESSOR

Model:	Sullair dual mode 20/12 air end
Capacity:	600 CFM / 500 PSI & 750 CFM / 350 PSI

COOLING

Ambient temperature rating:	50 Deg C (122 Deg F)
Coolers:	Engine coolant, charge air, compressor oil, hydraulic oil

TRACK PACKAGE

Model:	Cat 320 steel tracked undercarriage
Design:	Hyd. driven piston motors, spring brake, 2 speed, 23.5" triple grouser pads
Speed:	3.5 mph
Drawbar pull:	46,311 lbs.

TOP DRIVE ROTATION UNIT:

Max torque:	3000 lbs /ft
RPM:	0-195 RPM
Spindle:	Floating w/ NSE2-7/8" Recon thread
Rotation motor:	Char-Lynn 10K series

MAST AND FEED

Design:	Chain over cylinder feed
Pullback:	23,856 lbs.
Pullback speed:	0-76 fpm
Pulldown:	16,493 lbs.
Pulldown speed:	0-73 fpm
Feed stroke:	168"
Working angle:	45 to 90 degree
Mast dump:	48" travel
Table slide:	20" travel

HYDRAULIC SYSTEM

Design:	Fully hydraulic, no electronics, open loop
Capacity:	165 GPM
System pressure:	3200 PSI feed/rotation & 5000 PSI travel
Filtration:	10 micron
Components:	Sauer Danfoss, Valvoil, Rexroth & Parker
Heat exchanger:	Air:oil

CONTROL PANEL

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

WINCH

Design:	Planetary style w/ fail safe brake
Pull:	4568 lbs.
Capacity:	213 ft x 3/8" cable

WATER INJECTION PUMP

Max flow:	11.5 GPM
Max pressure:	550 PSI

LUBRICATOR

Design:	Adjustable pneumatically driven pump
Capacity:	10ml per stroke
Tank volume:	7.5 gallons

DRILL TABLE/BOP

Opening:	7-1/2"
Break out:	Hydraulic 36" pipe wrench

WEIGHT 42,240 LBS.

DIMENSIONS 110" W X 291" L X 142" HT

INCLUDED ACCESSORIES

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

OPTIONS

Booster package
RAB package
Remote control
Sample splitting equipment



Diamond Core



Seismic



Air Rotary



Specialty &
Multi-Purpose

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