



**EXPLORER**  
Track Mounted RC Drill

**MULTI▶POWER**



## FEATURES

**675 HP QSK19 Cummins Diesel**  
**Heavy Duty Construction**  
**1150 CFM / 500 PSI Compressor**  
**Simple Hydraulic Design**



# Explorer - Track Mounted RC Drill

# SPECIFICATIONS

## DEPTH CAPACITIES: Based on 1150 CFM / 500 PSI compressor

5" (127mm)	1500 ft / 455m* <i>*Depending on ground conditions</i>
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## PRIME MOVER

Model:	Cummins QS19-C650, 6 cylinder, turbo charged diesel engine
Power:	650 HP @ 1800 RPM

## STANDARD COMPRESSOR

Model:	Sullair dual mode 20/12 stretch air end
Capacity:	1150 CFM / 500 PSI

## COOLING

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

## TRACK PACKAGE

Model:	Cat 325L steel tracked undercarriage
Design:	Hyd. driven piston motors, spring brake, 2 speed, 700mm triple grouser pads
Speed:	3.3 mph
Drawbar pull:	55,977 lbs.

## TOP DRIVE ROTATION UNIT:

Max torque:	9500 lbs /ft
RPM:	0-200 RPM
Spindle:	Floating, 2-7/8" - 5" pipe capacity
Rotation motor:	Char-Lynn 10K series

## MAST AND FEED

Design:	Chain over cylinder feed
Pullback:	41,470 lbs.
Pullback speed:	0-250 fpm
Pulldown:	22,975 lbs.
Pulldown speed:	0-125 fpm
Feed stroke:	23 ft
Working angle:	45 to 90 degree
Mast dump:	72" travel
Table slide:	24" travel

## HYDRAULIC SYSTEM

Design:	Fully hydraulic, no electronics, open loop
Capacity:	165 GPM
System pressure:	3000 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:	20 GPM
Max pressure:	600 PSI

## LUBRICATOR

Design:	Adjustable pneumatically driven pump
Capacity:	1.25 - 10 gph
Tank volume:	10 gallons

## TILT DECK 0-27 DEGREE

## DRILL TABLE/BOP

Opening:	10"
Break out:	Hydraulic 36" pipe wrench

## ROD HANDLER SEMI AUTOMATIC

## FUEL TANK CAPACITY 300 GALLON

## WEIGHT 80,800 LBS.

## DIMENSIONS: 120" W X 216" L X 153" HT

## INCLUDED ACCESSORIES

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

## OPTIONS

Booster package  
RAB package  
Remote control  
Sample splitting equipment (wet & dry)



Diamond Core



Seismic



Air Rotary



Specialty &  
Multi-Purpose

## MULTI POWER PRODUCTS LTD

975 CROWLEY AVENUE  
KELOWNA BC CANADA  
V1Y 9R6

P 250.860.6969  
F 250.860.3340

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