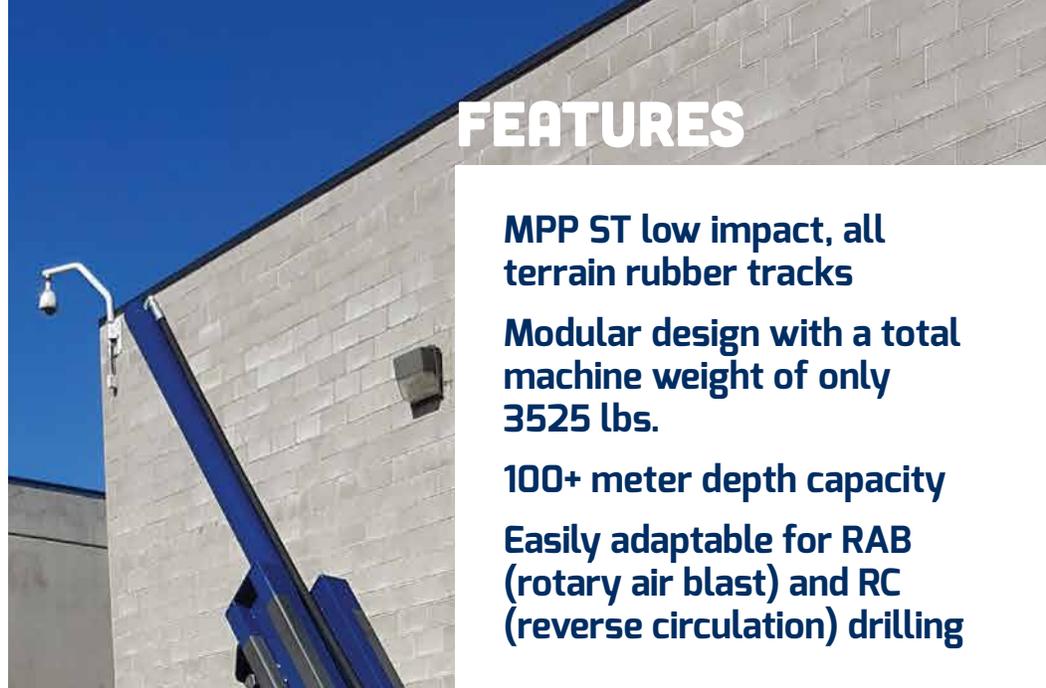




SCOUT

Rubber Track Mounted RC/RAB Drill

MULTI▶POWER



FEATURES

MPP ST low impact, all terrain rubber tracks

Modular design with a total machine weight of only 3525 lbs.

100+ meter depth capacity

Easily adaptable for RAB (rotary air blast) and RC (reverse circulation) drilling



SCOUT - Rubber Track Mounted RC/RAB Drill

SPECIFICATIONS

DEPTH CAPACITIES: Based on 300 CFM / 200 PSI compressor

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

Model:	Kubota V1505T, 4 cylinder, turbo charged diesel engine
Power:	44.2 HP @ 3000 RPM

TRACK PACKAGE

Standard unit	MPP 5T-48 Rubber Track
Design:	Hyd. driven piston motors, low impact rubber track, 2 speed drive
Drive speed:	4.3 KM/HR
Drawbar:	7962 lbs.
Ground pressure:	2.5 PSI
Remote drive:	Miratron radio remote package w/ manual control

TOP DRIVE ROTATION UNIT:

Max torque:	1500 lbs /ft
RPM:	0-120 RPM
Spindle:	Floating w/ optional NWJ (RAB) or NSE2-7/8" (RC) thread
Rotation motor:	Char-Lynn 6K series

MAST AND FEED

Design:	Cylinder feed
Pullback:	16,200 lbs.
Pulldown:	8,250 lbs.
Feed speed:	0-76 fpm
Feed stroke:	84"
Working angle:	45 to 90 degree
Mast dump:	40" stroke

SWIVEL

Design:	Optional 2JW (RAB) or Combination air inlet/sample discharge (RC)
Spindle:	Floating w/ (4) keys and box lower connection
Discharge:	HD 2" Gooseneck assy.

WINCHES

Design:	Warn Series 6 Hydraulic Winch
Pull capacity:	6000 lbs.
Accessories:	Roller fairlead & 5/16" x 100 ft wire rope

HYDRAULIC SYSTEM

Design:	Fully hydraulic, no electronics, open loop
Capacity:	20 GPM
System pressure:	3000 PSI
Filtration:	10 micron
Components:	Sauer Danfoss, Char-Lynn & Parker
Heat exchanger:	Air:oil

CONTROL PANEL

Panel:	Feed, rotate, setup functions, & E-stop
Gauges:	Rotation, holdback & air pressure

WATER INJECTION PUMP

Pump model:	FMC A0413C 2 cyl.
Max flow:	5 GPM
Max pressure:	550 PSI

LOWER MAST CENTRALIZER

Opening:	4-1/2"
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INCLUDED COMPONENTS

Rod Guard	
Travel Lights	
Stabilizers:	Hand jack style
Fuel tank:	10 gal capacity

WEIGHT 3525 LBS

DIMENSIONS 58" W X 122" L X 80" HT

OPTIONS

Compressor package
Booster package
Cyclone & sample splitting equipment
Diamond core package
Geotechnical package



Diamond Core



Seismic



Air Rotary



**Specialty &
Multi-Purpose**

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