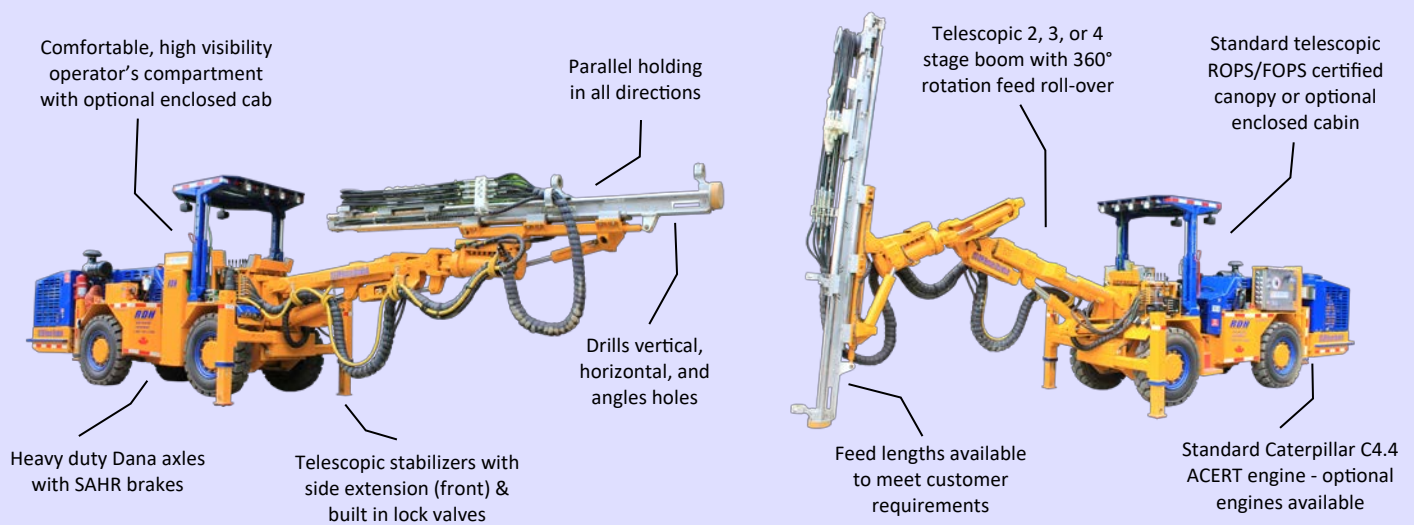


Drillmaster 150 Blockhole is a robust, compact, effective remote controlled secondary drilling jumbo designed for reliable performance in demanding underground applications.



The productive, safe, and reliable Drillmaster 150 Blockhole is a fully mechanized blockhole drill rig designed to protect workers and equipment by removing oversize and blockages with fully remote tramming, drilling and blasting capabilities. Designed for underground mining and tunneling operations, the robust, reliable four-wheel drive, articulated Drillmaster 150 Blockhole consists of a power-shift transmission powered by a choice of diesel engines connected to heavy-duty Dana axles. The rugged frame and articulated carrier make the Drillmaster 150 Blockhole a very durable and extremely maneuverable unit even in the tightest situations.

FEATURES:

- Fully remote control with video
- Electric-hydraulic or optional diesel-hydraulic
- Variety of engines to suit requirements
- Montabert rock drills with hydraulic dampening system for optimal consumable life
- Front telescopic stabilizers with side extension ensure stability during platform deployment
- Heavy-duty, 2, 3, or 4 stage boom and feed provide excellent pattern coverage and require fewer setups

SPECIFICATIONS:

ROCK DRILL - DRILLING

Model	Montabert HC 50
Percussion flow	105 l/min (27.7 gal/min)
Percussion pressure	130bar (1900 psi)
Frequency	62 Hz
Energy per blow	210 joules (155 ft-lbs)
Percussion power	13 kW (17.4 hp)
Rotation flow	15-35 l/min (4-9.2 gal/min)
Rotation pressure	150 bar (2200 psi)
Rotation torque	325-415 Nm (240-415 ft-lbs)
Rotation speed	105-195 rpm
Weight	102 kg (225 lbs)

FEED

High-strength, light-weight, aluminum extrusion
E-Z lock inserts to prevent thread damage
Single feed
Lengths based on customer requirements

BOOM

Telescopic RB3000, 2, 3, or 4 stage
Feed roll-over 360 degree rotation
Parallel holding in all directions
Drills vertical, horizontal, angled holes

CONTROL SYSTEM

ACCU-DRILL direct hydraulic control system
Anti-jamming function, semi-automatic collaring

STABILIZERS

Hydraulic stabilizers, front	2 extendable
Hydraulic stabilizers, rear	2

MISCELLANEOUS

Central grease point – manual
Standard gauges and instrumentation
ANSUL fire suppression system - manual
Copy of Parts/Operator/Service manuals
ROPS/FOPS certified canopy
Suspension seating (operator)

ENGINE

Cat® C4.4 ACERT, inline 4, 4 stroke cycle, diesel	
U.S. EPA Tier 3, EU Stage III A	
Power rating @ 2200 rpm	66-129 kW/88-174hp
Compression ratio	16.5:1
Displacement	4.4 L (268.5 in ³)
Exhaust: catalytic purifier with silencer	
Fuel tank(s) volume	83 L, 155 L

TRANSMISSION

Dana powershift, 20000 series
3 speeds forward and reverse
4 wheel drive

AXLES

Dana 113, planetary type	
Oscillation (rear axle)	± 7°

BRAKES

Service: wet disc (integrated), internal SAHR
Emergency & parking: SAHR

TIRES

Mine type, 10.00 x 20

STEERING

Hydraulic, articulated	
Steering angle	± 38°

HYDRAULICS

Steering and boom	
170 bar, 190 L/min/2200 rpm	
Hydraulic oil tank volume	225 L

ELECTRICAL SYSTEM

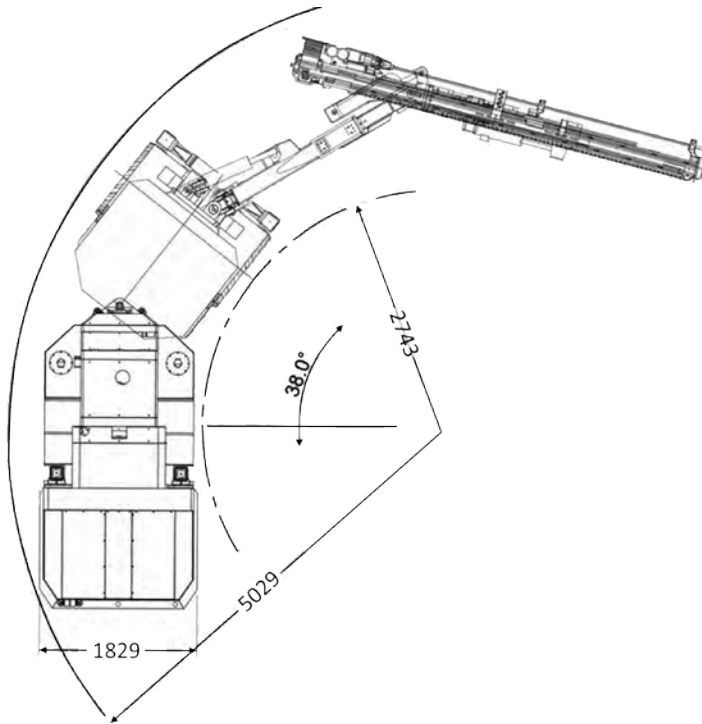
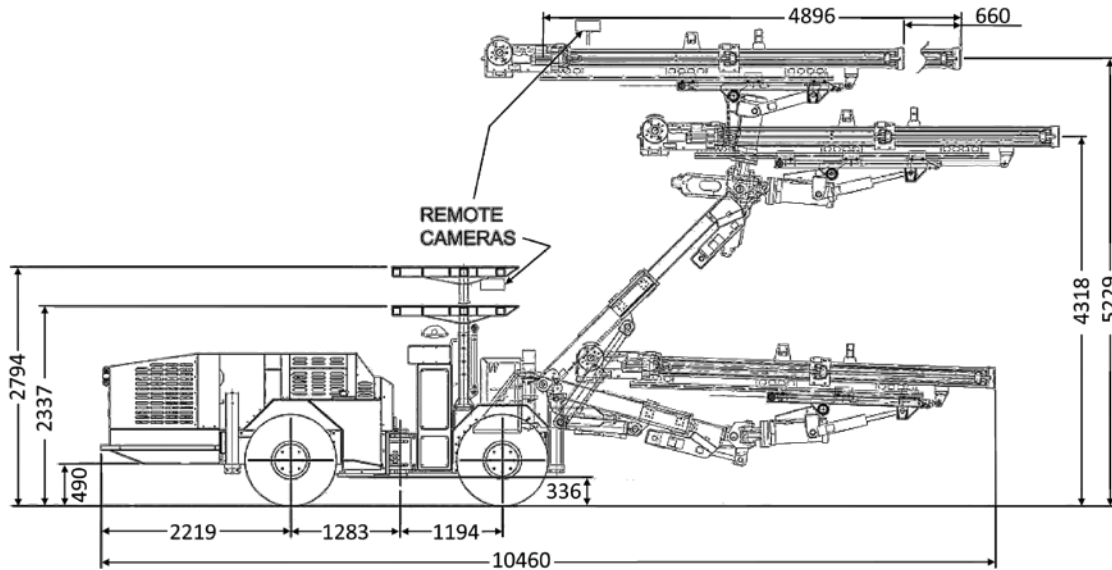
24 V	
Battery	2 x 12 VDC
Tramming/working LED lights	4 front / 4 rear
Brake lights	
Horn & reverse alarm	

OPTIONAL EQUIPMENT

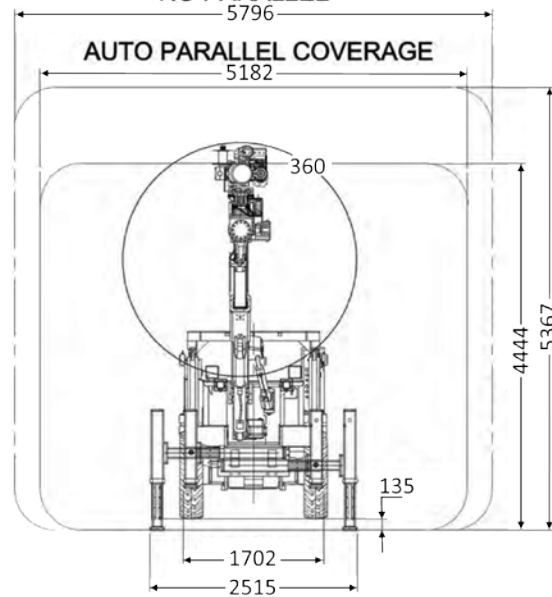
- Various engine makes/models
- Battery electric powertrain
- Automatic centralized lubrication system
- Diesel or electric driven hydraulics
- Fast fill system
- Cold weather package
- Strobe light
- Various slide/feed options/lengths
- Camera system
- Solid or foam filled tires
- Wheel chocks
- Voltage to suit requirements
- Water hose reel
- 24 V hydraulic oil transfer pump
- Other options available upon request

- Various rock drills
- Hydraulically driven air compressor
- Radio remote control
- ROPS/FOPS approved enclosed cabin
- Driver door interlock
- ANSUL Checkfire fire suppression system
- Power pack
- Cable reel
- Exhaust system wrap
- Air ride seating (operator)
- Remote brake release for towing
- Rock drill lubrication warning kit
- Air mist system
- Hydraulically driven water pump

MEASUREMENTS



EXTRA COVERAGE WITH MANUAL OVERRIDE - NO PARALLEL -



DIMENSIONS	mm	inches
Width	1829	72
Height – canopy lowered	2337	92
Height – boom extended	5367	211
Length	10460	412

CONT'D	mm	inches
Ground clearance	336	13
Inside turning radius	2743	108
Outside turning radius	5029	198

*Dimensions shown are of Drillmaster 150 Blockhole with standard options, a 2 stage boom and 10.00 x 20 tires. Alternate configurations may affect dimensions.

All weights, dimensions, and other data reflect a standard unit unless otherwise stated. RDH reserves the right to change specifications and equipment without notice. Consult RDH Mining Equipment sales representative for specific information.