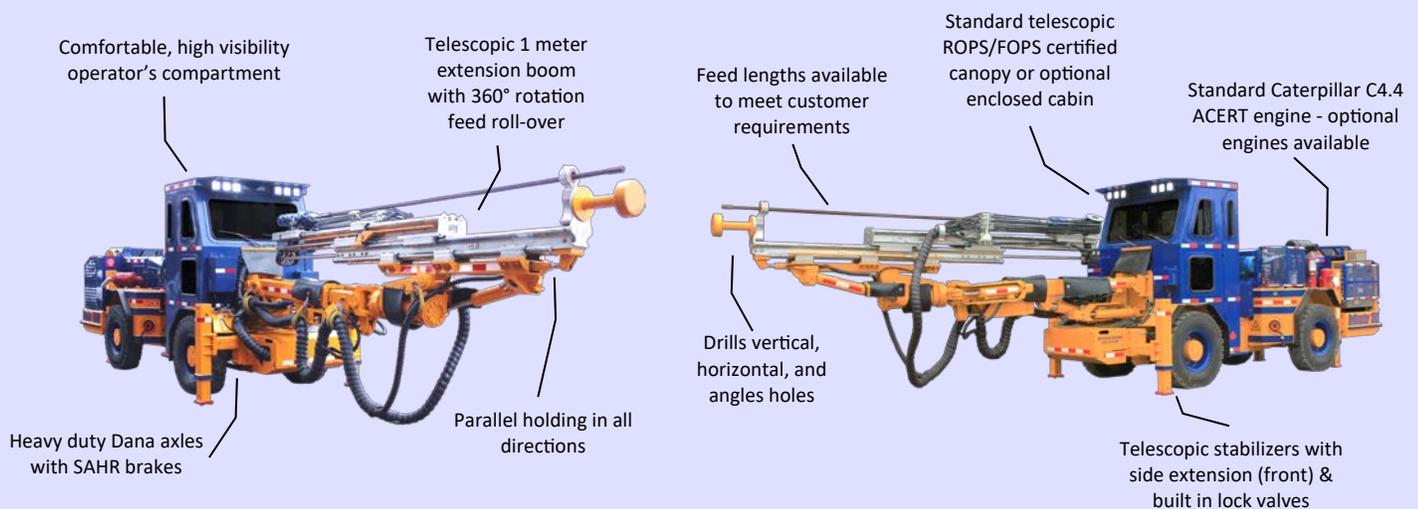


*Drillmaster 150* is a robust, compact, electric-hydraulic, mobile drilling rig, designed for reliable performance in demanding narrow vein underground applications.



The productive, safe, and reliable Drillmaster 150 is designed for face drilling in underground narrow vein mining and tunneling operations. The robust and reliable four-wheel drive, articulated Drillmaster 150 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 a very durable and extremely maneuverable unit even in the tightest situations.

#### FEATURES:

- Sturdy, articulated four-wheel drive carrier
- Electric-hydraulic or optional diesel-hydraulic
- Variety of engines to suit requirements
- Montabert HC-50 rock drill with hydraulic dampening system for optimal consumable life
- Front telescopic stabilizers with side extension ensure stability during platform deployment
- Heavy-duty, extendible boom and feed provide excellent pattern coverage and require fewer setups

## SPECIFICATIONS:

### ROCK DRILL

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 RB 3000 with 1 m (39.4") boom extension  
 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 <sup>®</sup> 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 <sup>3</sup> )
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	

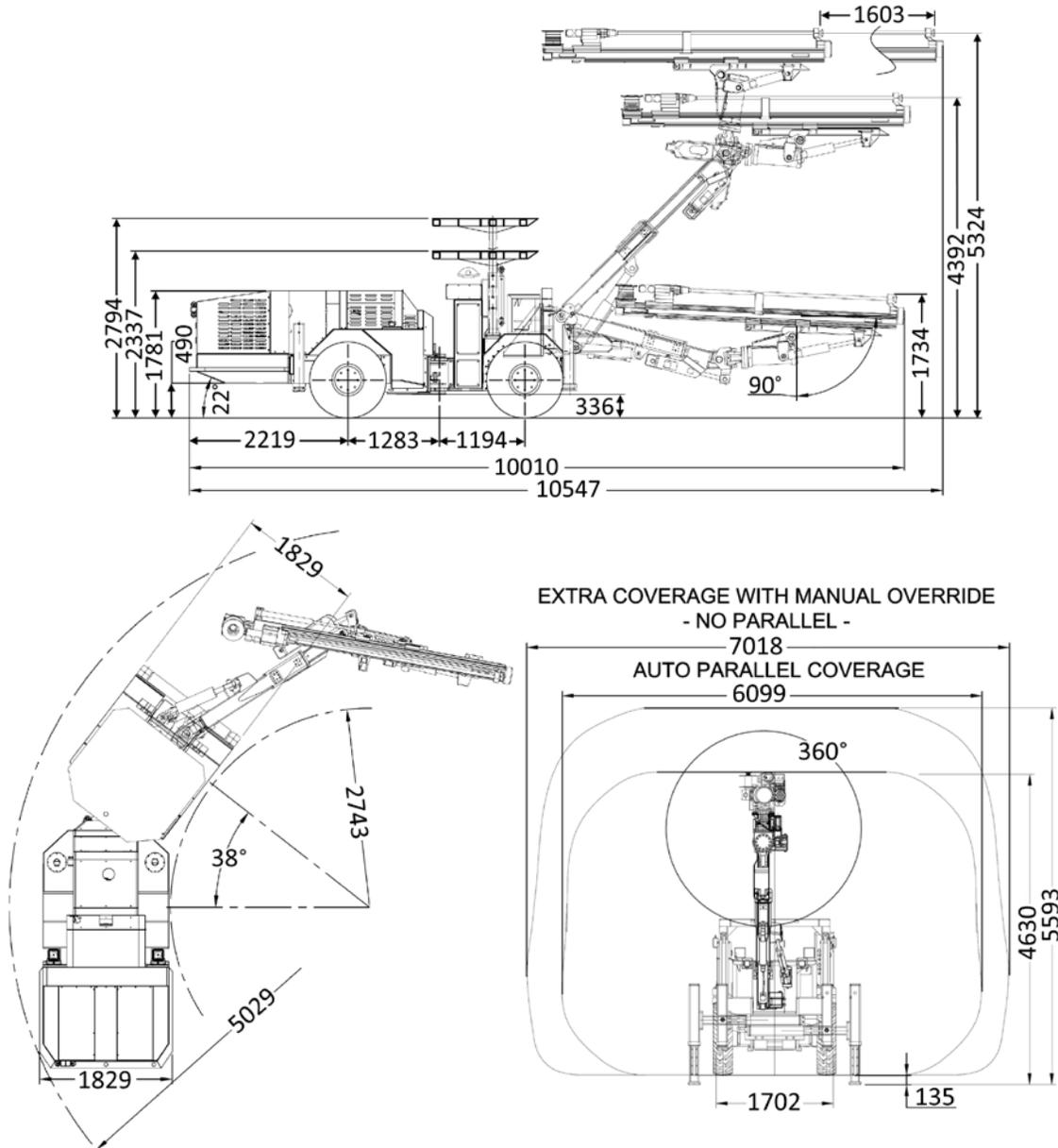
#### OPTIONAL EQUIPMENT

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Various engine makes/models  
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  
Hydraulically driven air compressor

Various rock drills  
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  
Other options available upon request

## MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width	1829	72	Ground clearance	336	13
Height – canopy lowered	2337	92	Inside turning radius	2743	108
Height – boom extended	5593	220	Outside turning radius	5029	198
Length	10547	415			
WEIGHT	kg	lbs			
Total (incl. canopy)	12650	27890			

## DRILL & BOLT

*simplifying heavy equipment...*