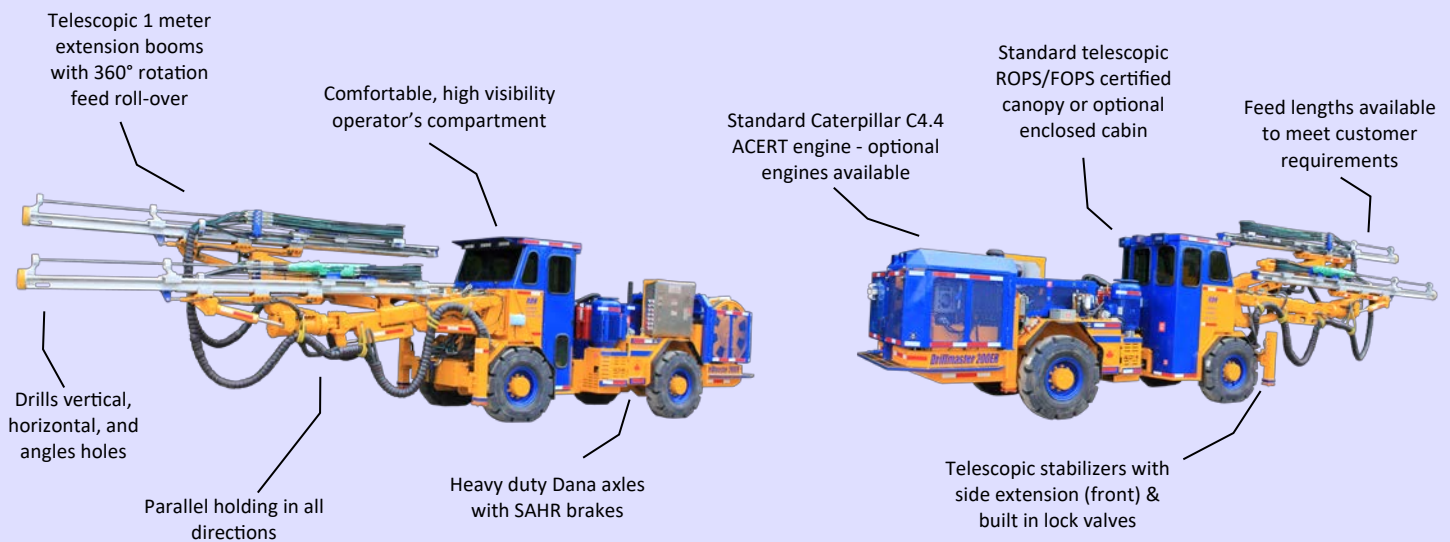


Drillmaster 200 is a robust, compact, electric-hydraulic, mobile drilling rig, designed for reliable performance in demanding narrow vein underground applications.



The productive, safe, and reliable Drillmaster 200 is designed for face drilling in underground narrow vein mining and tunneling operations. The robust and reliable four-wheel drive, articulated Drillmaster 200 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 200 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 rock drills with hydraulic dampening system for optimal consumable life
- Front telescopic stabilizers with side extension ensure stability during platform deployment
- Heavy-duty, extendible booms and feeds 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® 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 in³)
 Exhaust: catalytic purifier with silencer
 Fuel tank volume 227 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, 12.00 x 20

STEERING

Hydraulic, articulated
 Steering angle ± 38°

HYDRAULICS

Steering and boom
 170 bar, 190 L/min/2200 rpm
 Volume, hydraulic oil tanks(2) 184 L, 186 L

ELECTRICAL SYSTEM

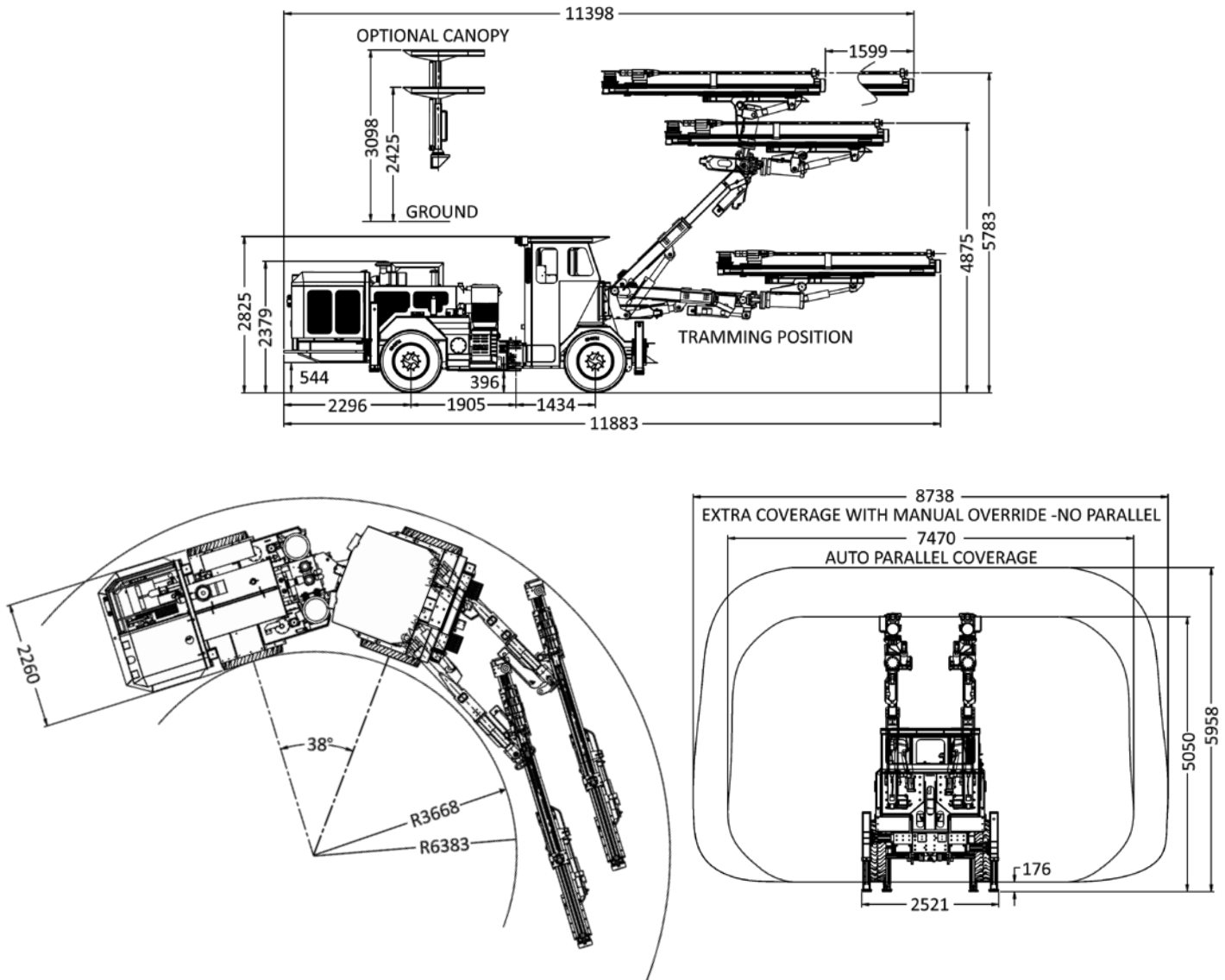
24 V
 Battery 2 x 12 VDC
 Tramming/working LED lights 4 front / 4 rear
 Brake lights
 Horn & reverse alarm

OPTIONAL EQUIPMENT

Various engine makes/models
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
Other options available upon request

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
Service platform

MEASUREMENTS



DIMENSIONS	mm	inches
Width	2260	89
Height – canopy lowered	2425	95
Height – boom extended	5958	235
Length	11883	468

CONT'D	mm	inches
Ground clearance	396	15.6
Inside turning radius	3638	143
Outside turning radius	6383	251

Dimensions and weights given are for DM200 with two RB3000 booms, fully enclosed operators compartment and 12.00 x 20 tires.

WEIGHT	kg	lbs
Total	22350	49273