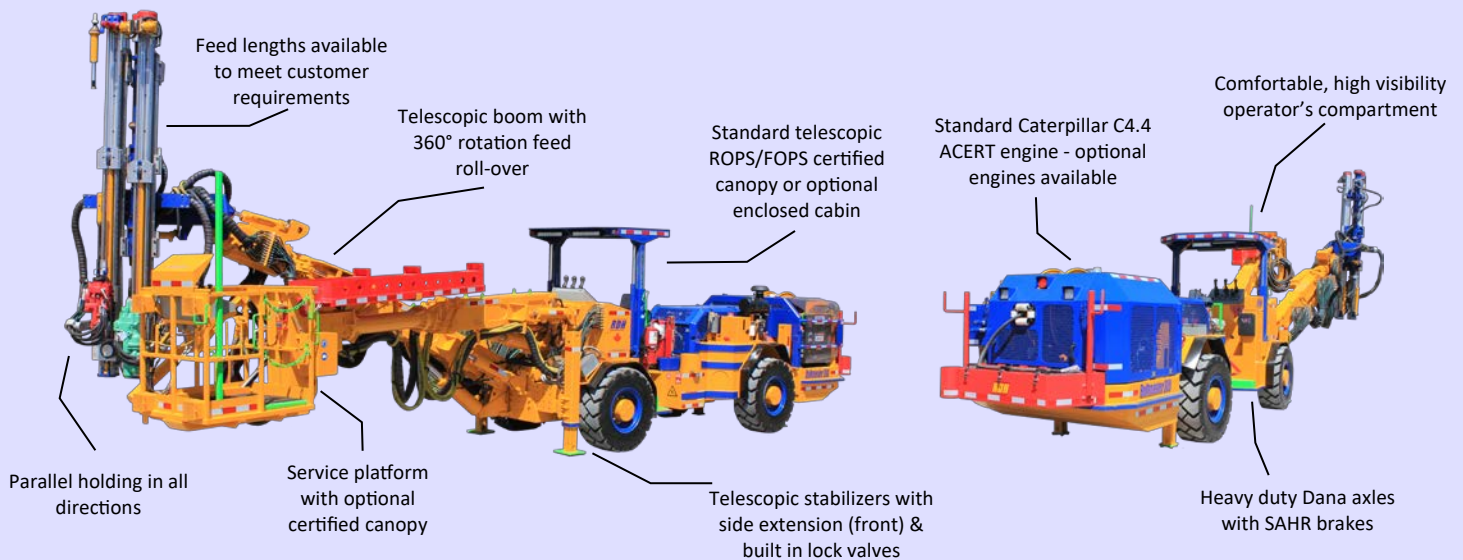


Boltmaster 200 is a robust, compact, electric-hydraulic, mobile bolting rig, designed for reliable performance in demanding underground applications.



The productive, safe, and reliable Boltmaster 200 is a fully mechanized rock bolting rig designed for underground mining and tunneling operations. The robust and reliable four-wheel drive, articulated Boltmaster 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 Boltmaster 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, 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)

ROCK DRILL - BOLTING

Model	Montabert HC 20
Percussion flow	45 l/min (11.9 gal/min)
Percussion pressure	140 bar (2031 psi)
Frequency	50 Hz
Energy per blow	90 joules (67 ft-lbs)
Rotation flow	15-48 l/min (4-12.6 gal/min)
Rotation pressure	140 bar (2031 psi)
Rotation torque	100-320 Nm (73-236 ft-lbs)
Rotation speed	150-300 rpm

FEED

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

BOOM

Telescopic B3000, 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

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 (2 tanks) 155 L, 83 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, 45 x 16.00 x 20

STEERING

Hydraulic, articulated
 Steering angle ± 32°

HYDRAULICS

Steering and boom
 170 bar, 190 L/min/2200 rpm
 Hydraulic oil tank volume 292 L

ELECTRICAL SYSTEM

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

BOLTING UNIT

Carousel capacity: up to 12 bolts
Adapted for all standard bolt types and lengths
Feed adapted according to bolt length
Lengths based on customer requirements

STABILIZERS

Hydraulic stabilizers, front 2 extendable
Hydraulic stabilizers, rear

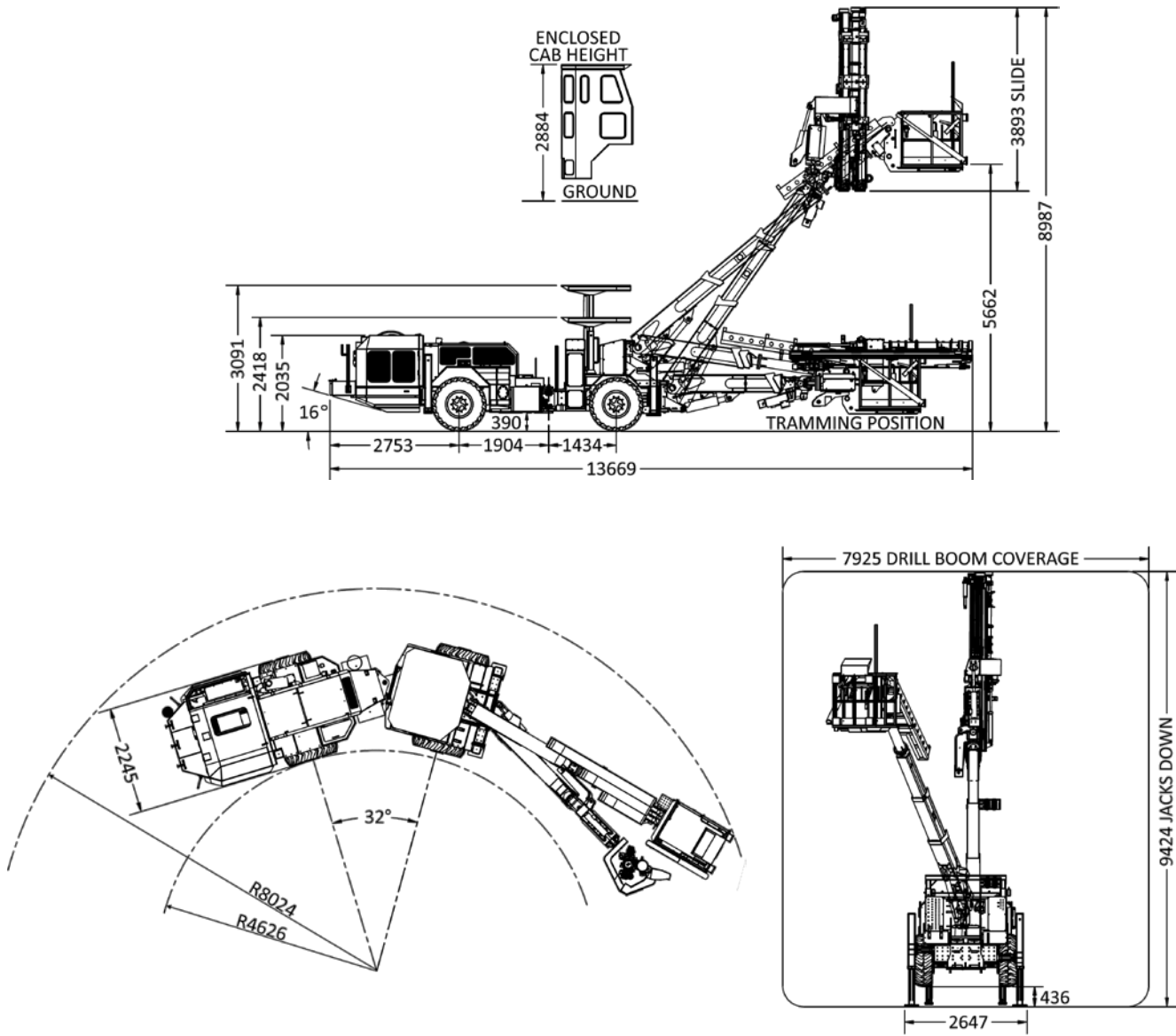
MISCELLANEOUS

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)

OPTIONAL EQUIPMENT

Various engine makes/models	Various rock drills
Automatic centralized lubrication system	Radio remote control
Diesel or electric driven hydraulics	ROPS/FOPS approved enclosed cabin
Fast fill system	Driver door interlock
Cold weather package	ANSUL Checkfire fire suppression system
Strobe light	Power pack
Various slide/feed options/lengths	Cable reel
Camera system	Exhaust system wrap
Solid or foam filled tires	Air ride seating (operator)
Wheel chocks	Remote brake release for towing
Voltage to suit requirements	Rock drill lubrication warning kit
Water hose reel	Air mist system
24 V hydraulic oil transfer pump	Hydraulically driven water pump
Hydraulically driven air compressor	Resin injection
Various bolt types and lengths	Other options available upon request

MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width	2245	88	Ground clearance	390	15
Height – canopy lowered	2418	95	Inside turning radius	4626	182
Height – boom extended	8987	354	Outside turning radius	8024	316
Length	13669	538			