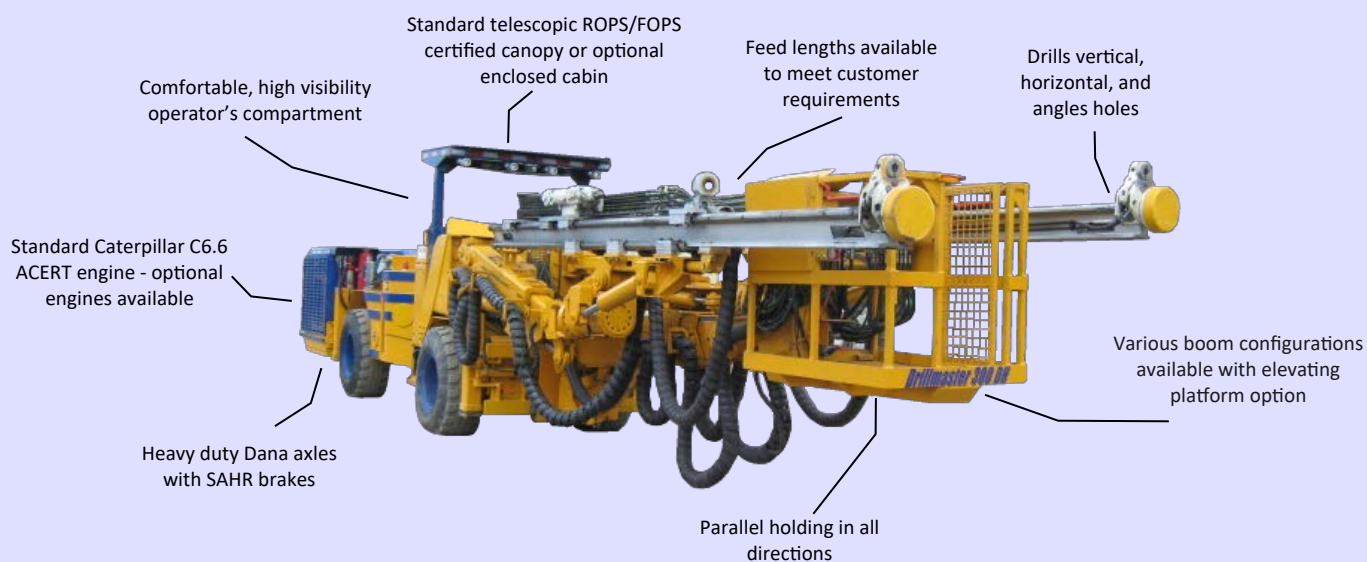


Drillmaster 300 is a robust, compact, electric-hydraulic, three boom mobile drilling rig, designed for optimal performance and reliability in demanding underground mining and tunnelling applications.



The productive, safe, and reliable Drillmaster 300 is designed for face drilling in underground mining and tunneling operations. The robust and reliable four-wheel drive, articulated Drillmaster 300 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 300 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
- MSHA Permissible option for coal and gaseous tunnels

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 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

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® C6.6 ACERT, inline 6, 4 stroke cycle, diesel
 U.S. EPA Tier 3, EU Stage III A
 Power rating @ 2200-2500 rpm 89-205 kW/119-275hp
 Compression ratio 16.2:1
 Displacement 6.6 L (402.8 in³)
 Exhaust: catalytic purifier with silencer
 Fuel tank volume 155 L

TRANSMISSION

Dana powershift, 32000 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) 178 L, 178 L

ELECTRICAL SYSTEM

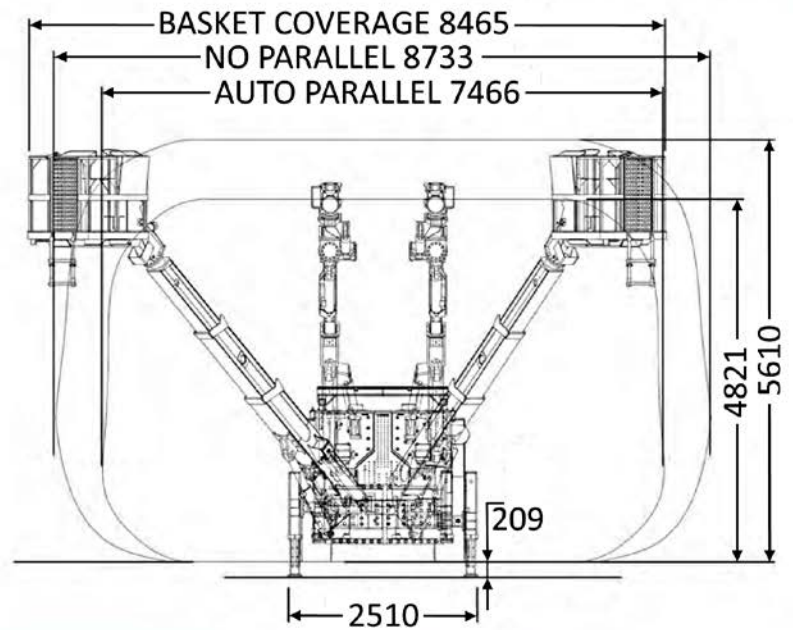
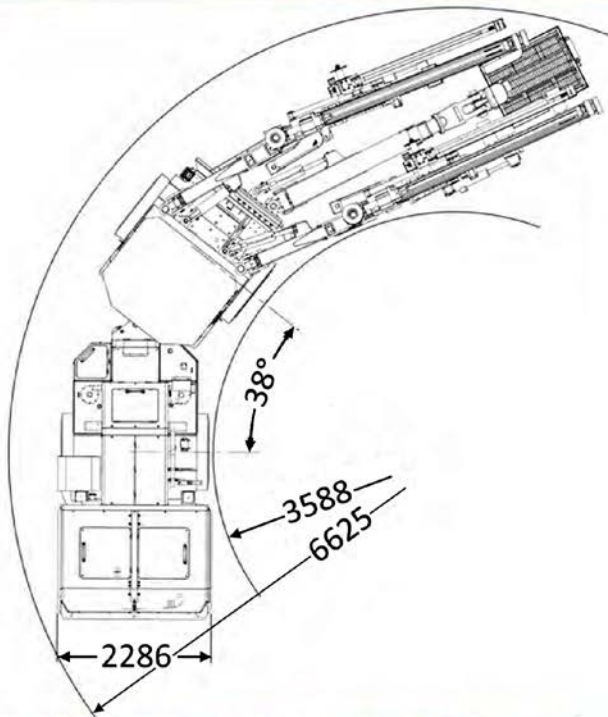
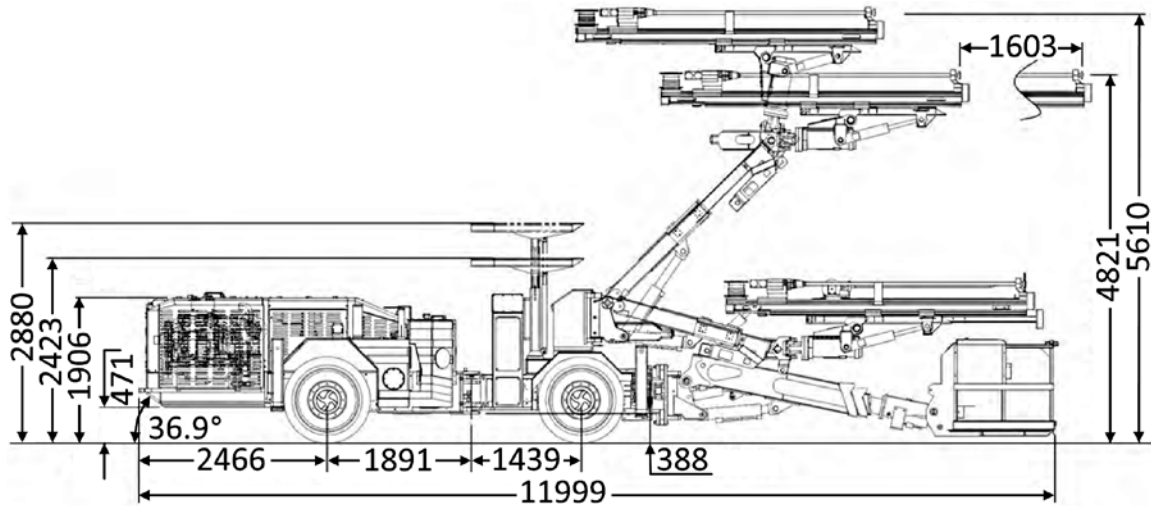
24 V
 Battery 2 x 12 VDC
 Tramming/working LED lights 4 front / 4 rear
 Brake lights
 Horn & reverse alarm

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
- Battery electric powertrain

- 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
- Other options available upon request

MEASUREMENTS



DIMENSIONS	mm	inches
Width	2286	90
Height – canopy lowered	2423	95
Height – boom extended	5610	221
Length	11999	472

CONT'D	mm	inches
Ground clearance	388	15
Inside turning radius	3588	141
Outside turning radius	6625	261

DRILL & BOLT

simplifying heavy equipment...