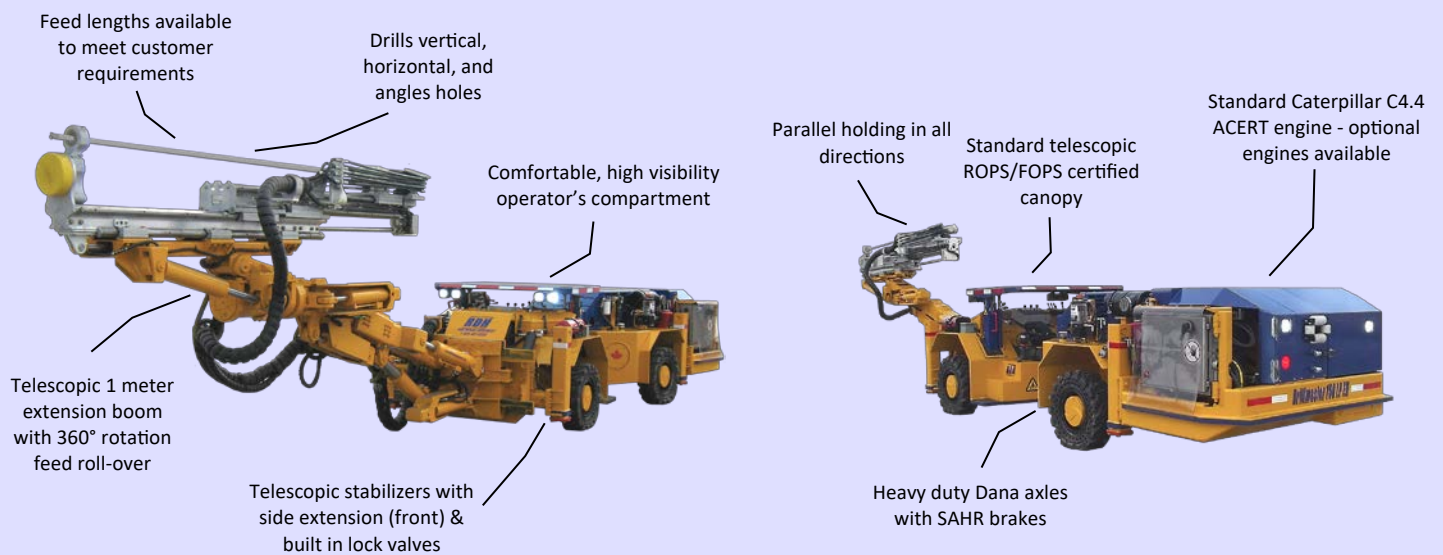


Drillmaster 150LP is a robust, low profile, electric-hydraulic, mobile drilling rig, designed for reliable performance in demanding low seam underground mining and tunnelling applications.



The productive, safe, and reliable Drillmaster 150LP is designed for face drilling in underground low seam mining and tunneling operations. The robust and reliable four-wheel drive, articulated Drillmaster 150LP 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 150LP 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® 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 190 L

TRANSMISSION

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

AXLES

Dana 113, planetary type
Oscillation (rear axle) $\pm 7^\circ$

BRAKES

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

TIRES

Mine type, 10.00 - 20

STEERING

Hydraulic, articulated
Steering angle $\pm 42^\circ$

HYDRAULICS

Steering and boom
170 bar, 190 L/min/2200 rpm
Hydraulic oil tank volume 207 L

ELECTRICAL SYSTEM

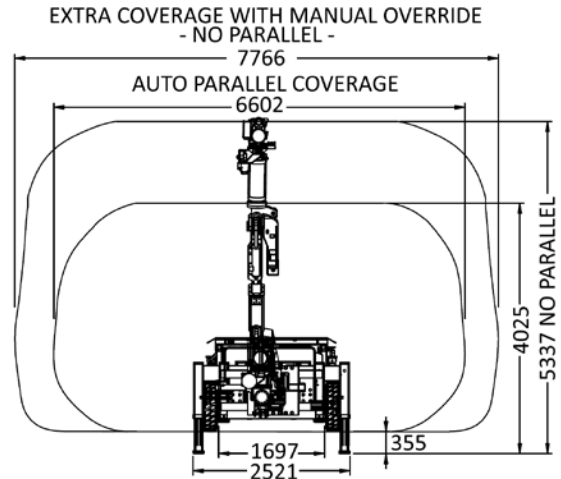
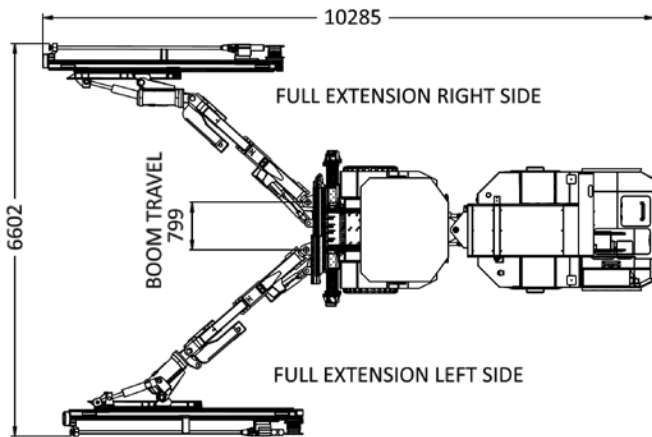
24 V
Battery 2 x 12 VDC
Tramming/working LED lights 4 front / 4 rear
Brake lights
Horn & reverse alarm

OPTIONAL EQUIPMENT

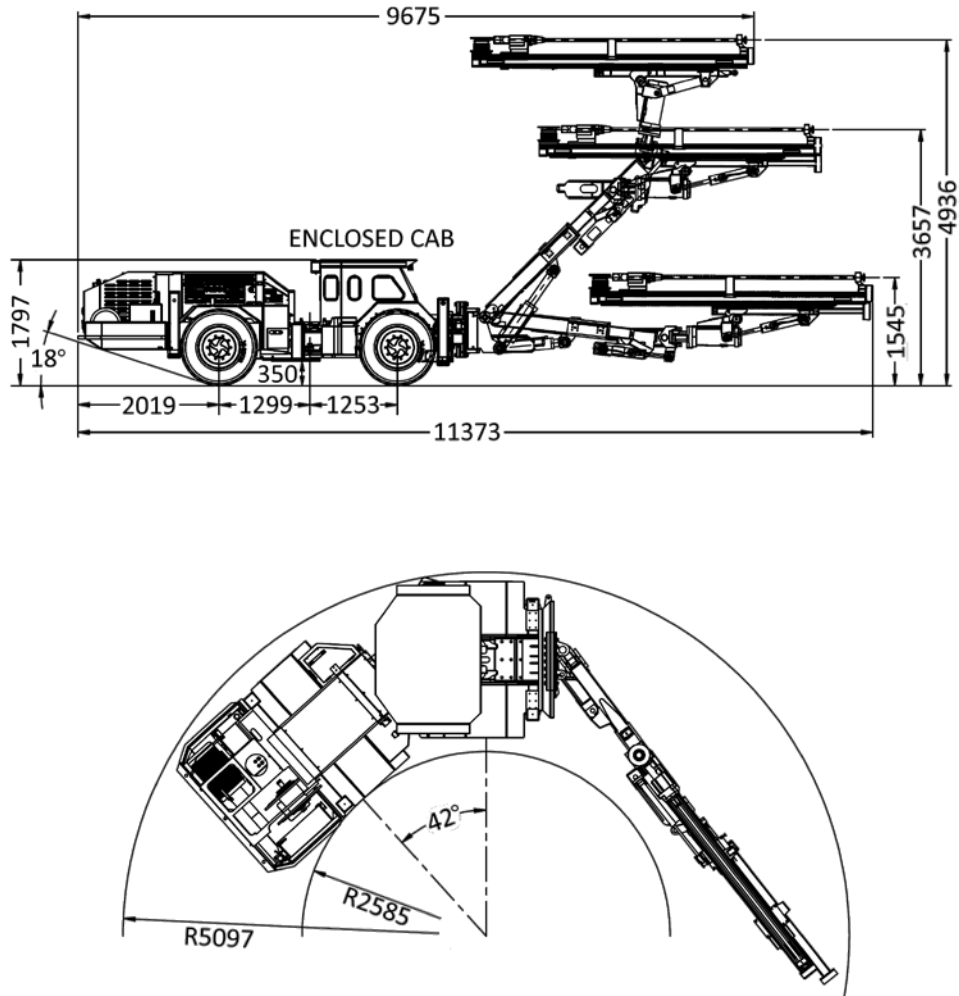
- Various engine makes/models
- Automatic centralized lubrication system
- Diesel or electric driven hydraulics
- Fast fill system
- Cold weather package
- Strobe light
- Various slide/feed options/lengths
- Camera system
- Solid or foam filled tires
- Wheel chocks
- Voltage to suit requirements
- Water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

- 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

COVERAGE



MEASUREMENTS



DIMENSIONS	mm	inches	CONT'D	mm	inches
Width	2289	90	Ground clearance	350	13.8
Height – tramming	1797	71	Inside turning radius	2585	102
Height – boom extended	5337	210	Outside turning radius	5097	201
Length	11373	448			
WEIGHT		kg	lbs		
Total (standard with canopy)	12837	28300			