

# ***DYNABOLTER V5.0***



***SAFE. RUGGED. COMPACT.***

***DynaBolter***

# DYNABOLTER V5.0



When safety counts, you can count on the DynaBolter to deliver a roof bolter that ensures employee's safety and maximizes productivity. The DynaBolter V5.0 is a semi-automated, single operator, roof bolter that safely installs bolts into the roof of an underground hard rock mine using a percussion drill. By providing an impact frequency up to 5000 BPM, a rotation speed up to 250 RPM and torque of 1000 foot pounds, the DynaBolter V5.0 drills into the backs of hard rock mines effortlessly.

## ADVANTAGES

### ***Unsurpassed Safety***

DynaBolter operators are able to install bolts from the safety of the cabin.

### ***Multiple-Bolt Carousel***

The multiple-bolt carousel improves efficiency by decreasing the time required to reload after each bolt is installed.

### ***Intuitive Controls***

Dual joystick controls and onboard LCD operation screen make training DynaBolter operators easy.

### ***Automated Epoxy Injection***

The automated epoxy injection system takes the guess work away from the DynaBolter operator.

### ***Low Profile***

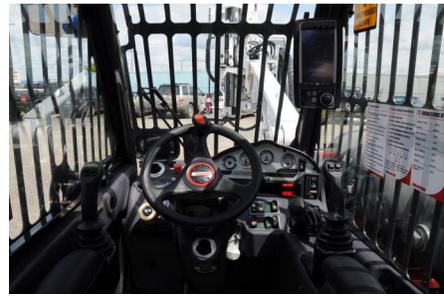
The DynaBolter's low profile design allows the operator to navigate through restrictive mines with low backs and tight drifts.



# TECHNICAL SPECIFICATIONS

## Safety

- Warning indicator lights and gauges
- Back-up alarm
- ROPS/FOPS certified canopy
- Low mount amber strobe light
- Check fire suppression and control system
- Fire extinguisher
- SAHR (spring applied, hydraulically release) parking brake
- Hydraulics cut-out when machine in gear
- All functions automatically disable when the door is open
- No hydraulic lines in cab



## Controls

- Dual joysticks with thumb rockers control: outriggers, boom, head, drill and bolt functions
- Electro-hydraulic control



## Working Capacity

- Boom swing: 24.5 degrees left and right
- Install 1500mm (59.0") bolts in a 2100mm (83.0") back or 1800mm (71.0") bolts in a 2400mm (94.0") back
- Capable of multiple bolt diameters
- Adaptable to shell or epoxy style bolts
- 6-bolt carousel
- Maximum back height: 5900mm (232.3")
- Minimum back height: 2529mm (99.6")
- Maximum forward reach: 9657mm (380.2")
- Hydraulic powered high torque percussion drill

# TECHNICAL SPECIFICATIONS

## *Chassis*

- Overall height: 2098mm (82.6")
- Overall length: 4760mm (187.0")
- Overall width: 2260mm (89.0")
- Ground clearance: 229mm (9.0")
- Wheelbase: 2810mm (111.0")



## *Engine*

- 94 HP turbocharged diesel
- Meets Tier IV interim emissions standards
- Engine protection shut-down system
- Neutral safety start



## *Transmission and Drivetrain*

- Power-shift automatic transmission
- 3 mode hydraulic steering
- 2 or 4 wheel drive
- Torque converter transmission
- F-N-R selector mounted on steering wheel
- High load capacity drive and steer axles
- Limited slip differential
- Rear-wheel, hydraulic power steering



# TECHNICAL SPECIFICATIONS

## ***Operator's Cab***

- Single operator—sit down
- 178mm (7.0") onboard LCD operation screen
- Forward and rear facing cameras (optional)

## ***Work Lights***

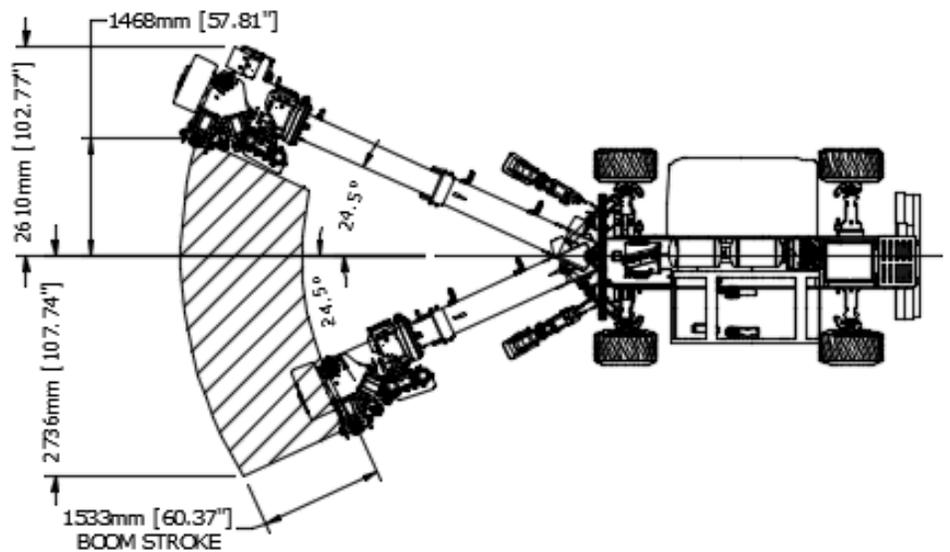
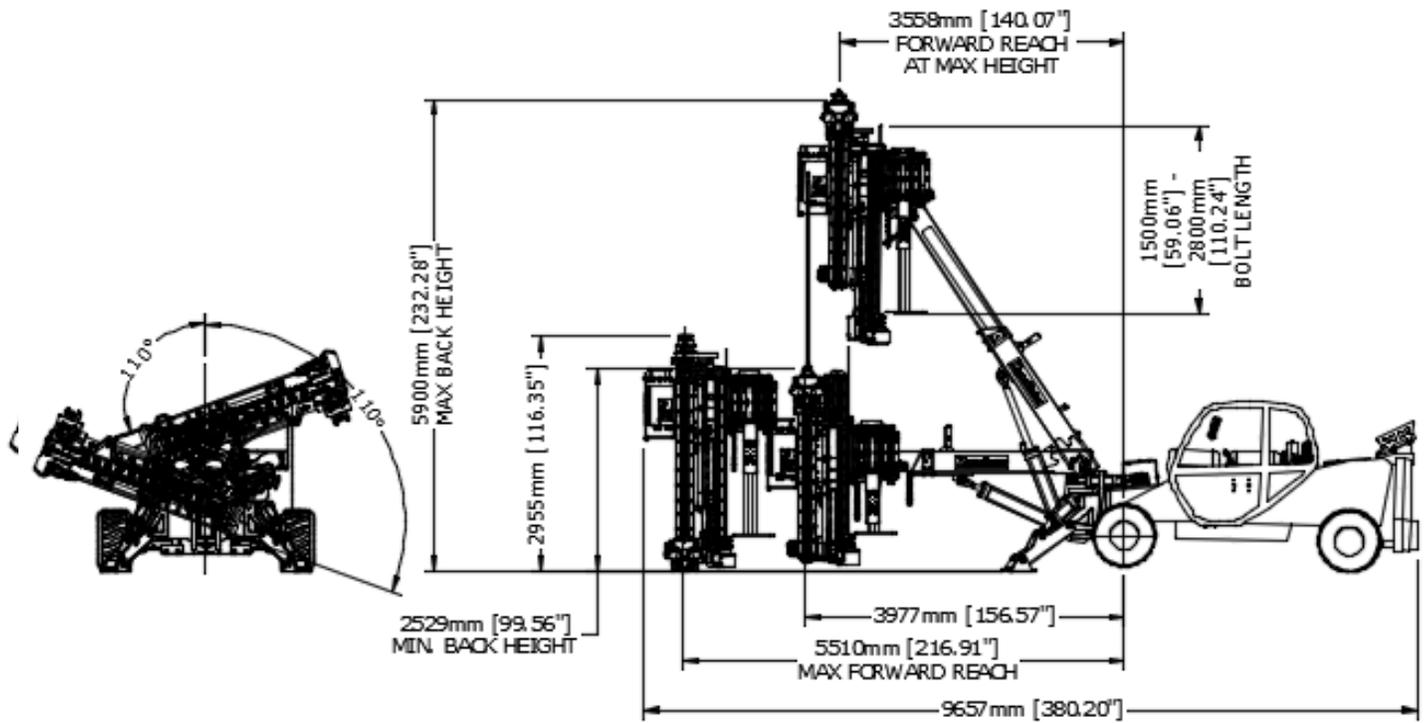
- Front and rear LED work lights
- LED spotlight
- Extra fender mounted work lights

## ***Automated Epoxy Injection (Optional)***

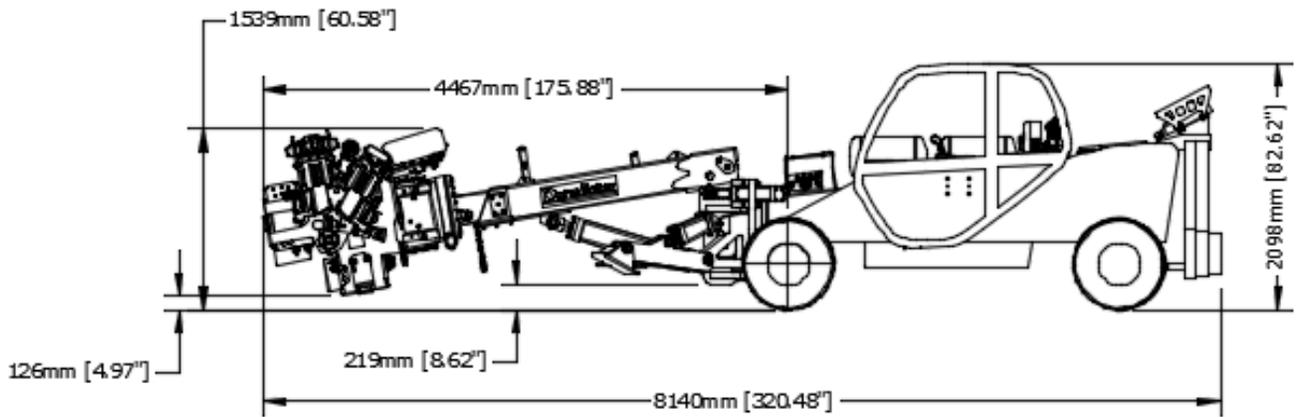
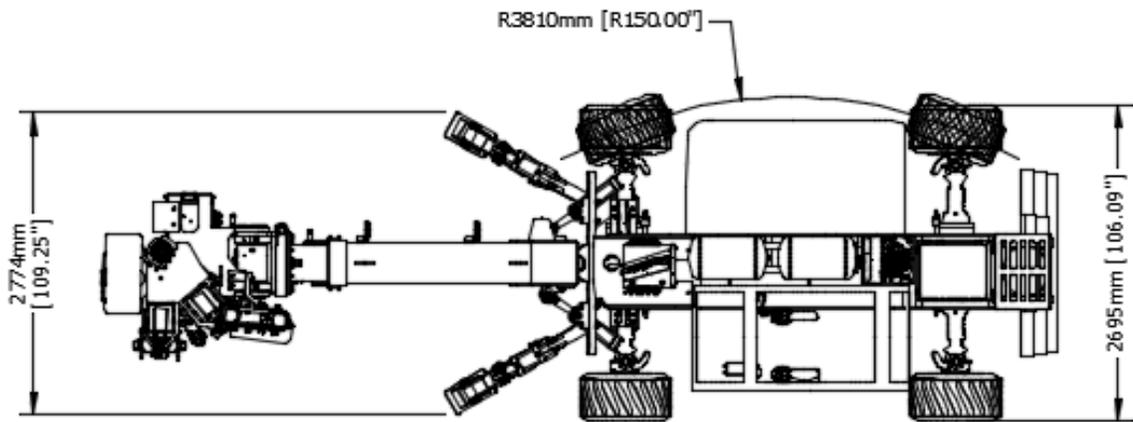
- Epoxy injection controlled from operator's cab
- Epoxy injected using hydraulically driven compressed air
- Separate arm switch and fire button prevents accidental discharge of epoxy
- Smart check system ensures all conditions are met before firing epoxy



# BOLTER VIEWS



# BOLTER VIEWS



# DynaBolter

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