

# CMAC DHS

## CMAC-Thyssen Production drilling rigs DHS – DRILL HANDLING SYSTEM



The CMAC DHS reproduce the same liberty of operations that the worker with the drill in his hands without the disturbance. Allows a manual work by decreasing the risks of physical injuries with simple, fast, specific and reliable methods. This equipment eliminates professional diseases as musculoskeletal troubles, the workers exposition to vibrations and reducing a lot of physical efforts. The feed allows a specific positioning, is supporting the drill and is moving it in the drilling axes to important distances.

### STANDARDS FEATURES

#### Rock drill

- CANUN 260B (Other rock drill can be installed)
- Different types of ground support

#### Positioning unit

- Easy, safe and ergonomic operation
- Fast and accurate positioning
- Easy repair and maintenance
- Easy to operate for displacement and quick installation

#### Control system

- Control valves are far from the drill. It decreases risks of injuries and vibration.

#### Drilling

- Steel 4' Lg or more. For less maintenance to increases productivity. (changing steel)
- Bumper at the end of the feed for positioning the wire mesh.
- Can be adapted on other equipment (scissors, flat car, basket...)
- Heavy-duty equipment and well protected parts.
- Centralizer guides the steel and it split in half for the drill.
- Feed handle bar with hand and feet.
- Self-locking brakes for precise alignment

#### General

- Zero gravity

## TECHNICAL SPECIFICATIONS

### Electric system

- Tension.....24 VDC
- Power.....180 W

### Pneumatic system

- Max pressure.....800 kPa
- Power unit consumption.....25 scfm
- Filtration.....5 Qm
- Automatic oiler

### Hydraulic system

- Flow.....3.7 L/min (adjustable)
- Pressure.....140 bar
- Oil.....grade 32
- Filtration.....10 Qm

## ROCK DRILL

CANUN 260B	US/IMP	METRIC
Cylinder diameter	3.125"	79.4 mm
Piston stroke	2.875"	73.25 mm
Piston working stroke	2.625"	66.7 mm
Impact frequency	2250.0 bpm	2250.0 bpm
Drill length	23"	284.0 mm
Weight of drill	60 lbs	27.25 kg
Air consumption (90 psi)	170 cfm	4.9 m3
Steel size (standard)	7/8" x 4-1/4"	20 mm x 108 mm

\* Other rock drill models can be installed. For further information contact manufacturer, CMAC-Thyssen Mining Group.

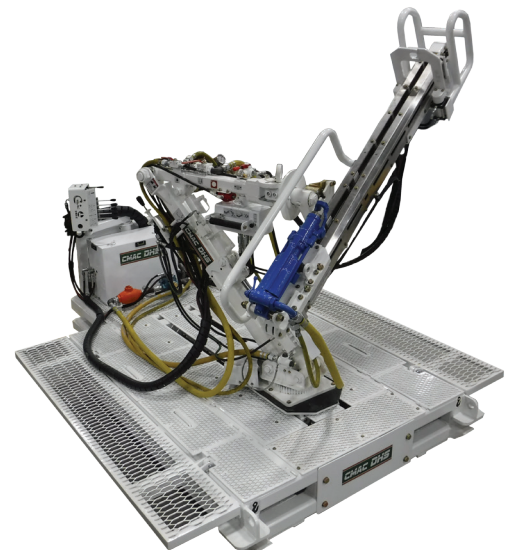
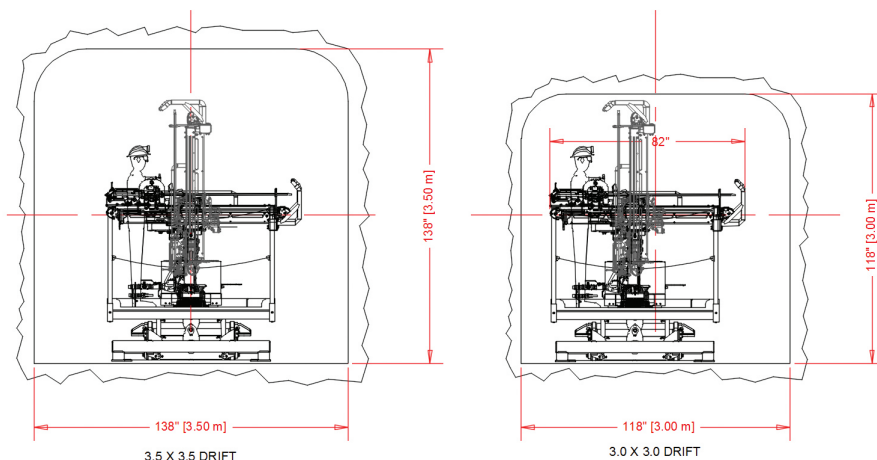
## WEIGHT\* (ARM, FEED AND POWER UNIT)

lbs	Total	1200
kg	Total	545

\* gross weight

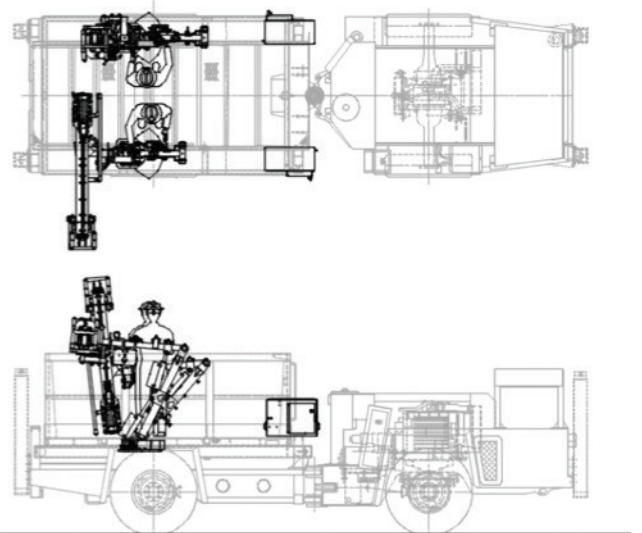
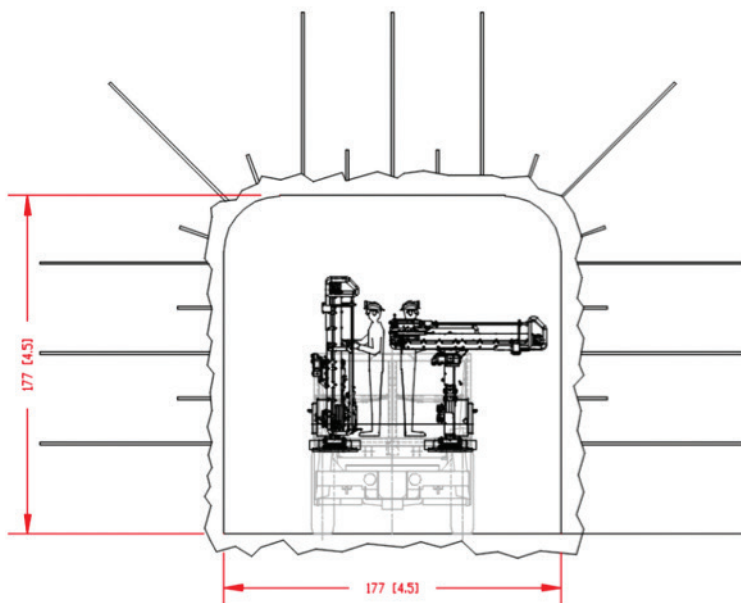
## OPTIONAL EQUIPMENT

### PLATFORM OPTION



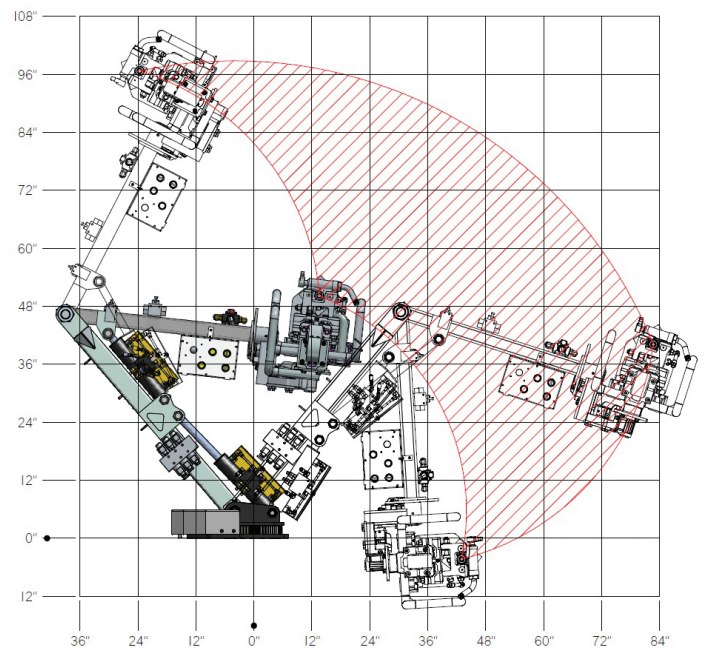
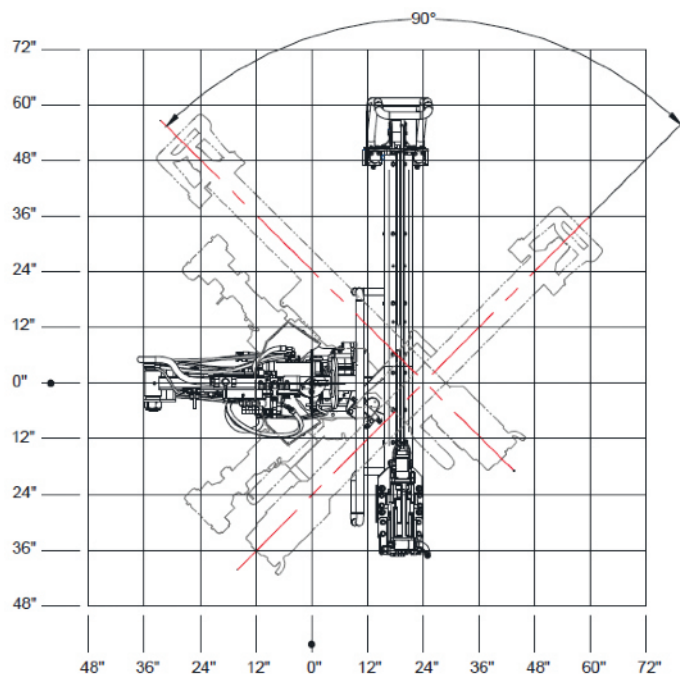
## OPTIONAL EQUIPMENT

### SCISSOR LIFT OPTION





## ARM ROTATION AND ARM MAXIMUM - MINIMUM INCLINATION



## FEED VERTICAL AND LATERAL ROTATION

