

# MANTIS CMR 7 ROOFBOLTER

## CMR7 Series Crawler Rig Roofbolter

Available in the following power options:

1. Electric
2. Diesel
3. Combination of electric and diesel

## FEATURES

Excellent stability & maneuverability (track driven, skid steer)  
Narrow gauge for easy access to tight areas  
Walk behind tramming control with deadman selector valve  
2-stage telescopic drilling feedframe  
Highly efficient 2 operator bolting operation (operator and offside)  
Typically, three times more productive than standard portable roofbolters  
Robust, easy to operate and maintain



\*\*Special options available on request:

- Hybrid roofbolter/face drill option available - Interchangeable face drill feed frame
- Low profile unit for low seam applications

## APPLICATION

Secondary support bolting – Roofbolting/anchor installations  
Roof and rib bolting  
Cable anchor installation  
Roof coring  
Water hole drilling

## SPECIFICATIONS

Transport Height	1,350 mm
Width	1,995 mm
Length	4,720 mm
Minimum Ground Clearance	255 mm
Weight	6,150 kg - 7,000kg
Flameproofing	Ex d 1, Zone 1, 150°C
Electric Motor	30 kW, 525/1000
Diesel Engine (optional)	45 kW
Hydraulic System	
- Max Pressure	210 Bar
- Max Flow	130 lpm
- Tank Capacity	300 lt

2 Stage Telescopic Feedframe with Rotary Drill	CFF 140 Feedframe	CFF 280 Feedframe
Feedframe Height (fully collapsed)	1,400 mm	2,060 mm
Max Supported Drilling Height	2,300 mm	3,800 mm
Max Drill Travel	1,510 mm	2,800 mm
Max Feed Thrust	1,450 kg	
Water Box Drill Head	Series 3	
Max Torque	375 Nm set to 250 Nm	
Max Rotation Speed	600 rpm	
Chuck Size	22 mm Hex	
Max Water Pressure (Flushing)	8 Bar	

## SAFETY

Deadman selector valve for tramming/drilling operations (with mechanical valve lock), Drill rotation isolator valve  
Prestart warning siren, Tramming alarm  
Fire extinguisher, Multi e-stops around unit  
Drilling control operator FOPS  
Optional timber jack FOPS, Optional PDS ready to mine specification

## DOCUMENTATION

Operator & technician manual  
Risk assessment  
FLP certification

