

MANTIS CMR4 FACE DRILL

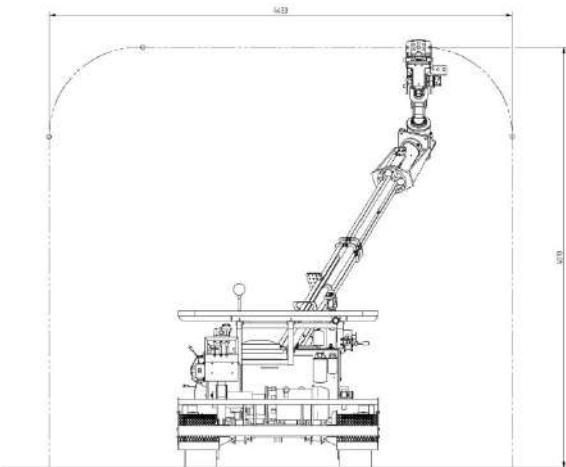
CMR4 Series Crawler Rig Face Drill

APPLICATION

Face drilling (hard rock)
Rotary drilling (conventional drill & blast – coal mining)
Split set installations
Roof bolt installations

FEATURES

Excellent stability & maneuverability (track driven, skid steer)
Narrow gauge for easy access to tight areas
Walk behind tramping control with deadman selector valve
360 degree drill mast rotation
Doofor DF530S high efficiency rock drill
Robust, easy to operate and maintain
Outrigger stabiliser jacks
Optional rotation drill head (S3 rotation unit)
Rubber or steel track option
380VAC/525VAC/1000VAC or dual voltage 525/1000VAC



SPECIFICATIONS

Transport Height	1,385 mm
Width	1,995 mm
Length	5,330 mm
Minimum Ground Clearance	255 mm
Weight	4,150 kg ref.
Stability (incline & cross grade)	12.5 degrees
Max tramping speed	1.5 kph
Flameproofing (optional)	Ex d 1, Zone 1, 150°C
Electric Motor	22 kW
Diesel Engine	34 kW
Hydraulic System	
- Max Pressure	210 Bar
- Max Flow	90 lpm
- Tank Capacity	275 lt

Drill Mast	CFF 240 Feedframe
Feedframe Length	3,132 mm
Max Horizontal Height	4,010 mm
Min Horizontal Height	120 mm
Max Drill Travel	2,200 mm
Max Feed Thrust	450 kg.f
Hydraulic Drifter	Doofor DF530S
Power	10 kW
Max Torque	175 Nm
Max Speed	250 rpm
Chuck Size	R32
Max Water/Air Pressure (flushing)	8 Bar

SAFETY

Deadman selector valve for tramping/drilling operations (with mechanical valve lock)
Prestart warning siren
Tramping alarm
Fire extinguisher
Multi e-stops around unit
Optional PDS ready to mine specification

DOCUMENTATION

Operator & technician manual
Risk assessment
FLP certification

