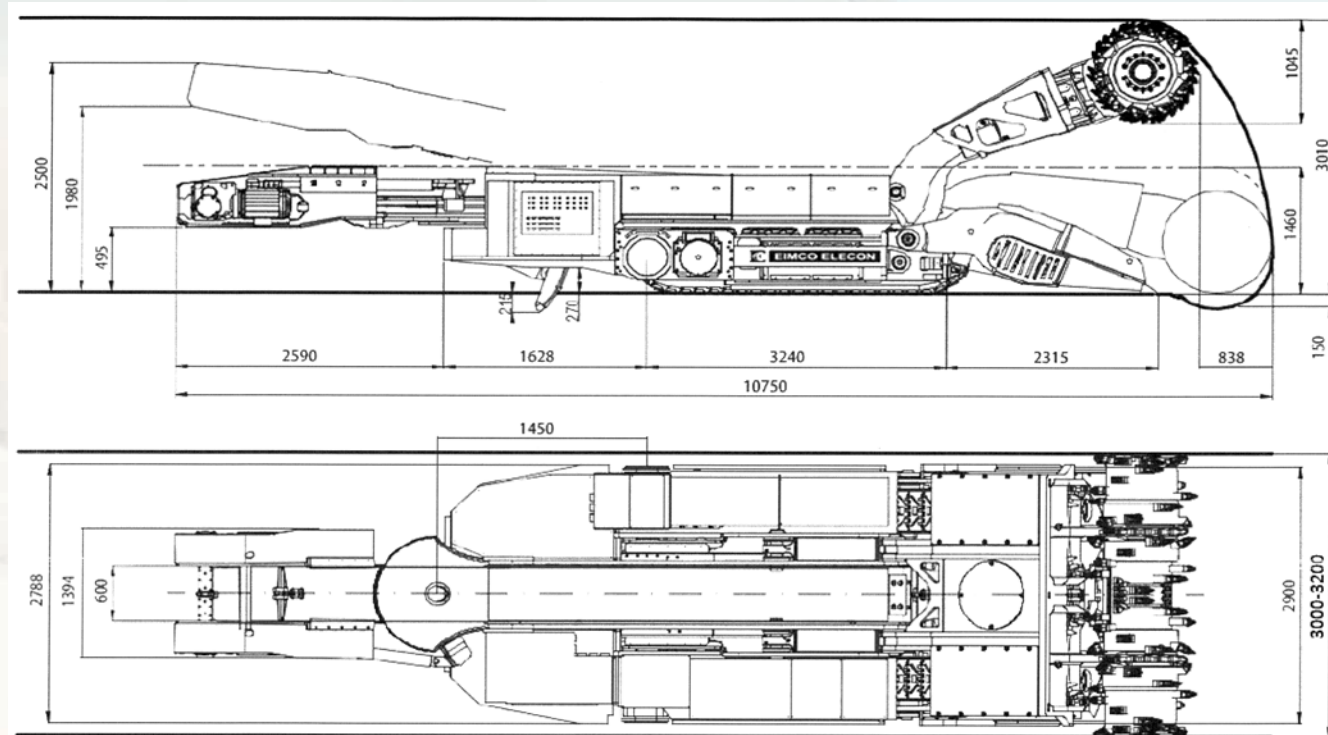


### Machine Features

- ✓ Microprocessor controlled DC motor drive with advanced diagnostics and programmable features.
- ✓ DC drive systems have protections like Thermal protection, Motor overload, Overcurrent Protection.
- ✓ Display shows all motors parameters, motor starting interlocks conditions, motor faults, etc.
- ✓ Radio Remote control with backup data logger for smooth machine operations with range of 100 m.
- ✓ Efficient spraying system for highest safety and dust control.



CM 3000 General Arrangement Drawing

For further details, please contact

### EIMCO ELECON (INDIA) LIMITED

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Marketing & Servicing Firm :



Branch Offices: Asansol, Kolkata (West Bengal), Bangaluru (Karnataka), Bilaspur, Manendragarh (Chhattisgarh), Chennai, Madurai (Tamilnadu), Dhanbad (Jharkhand), Secunderabad, Ramagundam (Telangana), Mumbai, Nagpur (Maharashtra), New Delhi

EE/508/24/150



# CONTINUOUS MINER CM 3000 / CM 3500

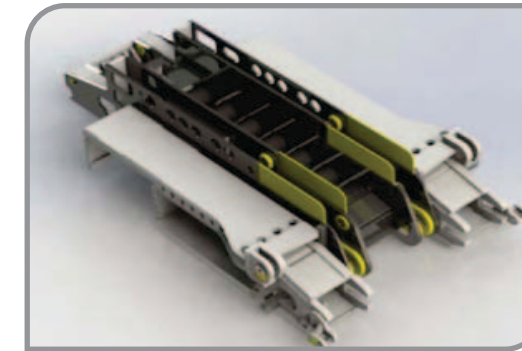
CM 3000 / CM 3500

### CM 3000 / CM 3500 Continuous Miner Specifications

Equipment Details	UOM	CM 3000	CM 3500
<b>Operating Dimensions</b>			
Mining Height Range	mm	1460-3010	1600-3700
Minimum Height	mm	1460	1600
Maximum Reach	mm	3000	3700
Ground Clearance	mm	230	300
<b>Transport Dimensions</b>			
Chassis Frame Width	mm	2850	3000
Overall Length	mm	10800	11100
Height	mm	1600	
Appx. Weight (Total)	kgs	60000	80000
<b>Cutting Unit</b>			
Cutting Drum Diameter	mm	1045	1120
Cutting Drum Width	mm	3000-3200	3500-3600
Cutting Drum Power	kW	2 X 110	2 X 180
<b>Traction Unit</b>			
Crawler Chain Width	mm	505	560
Crawler Assembly Length	mm	2700	4500
Ground Pressure	kPa	200	
Crawler Spd	m / min	0-17	
Traction Power	kW	2 X 37.5	2 X 60

Equipment Details	UOM	CM 3000	CM 3500
<b>Pump Unit</b>			
Pump Power	kW	1 X 45	1 X 60
<b>Dust Suppression</b>			
Scrubber Assembly	Side Mounted		
Scrubber Type	Wet Bed		
Scrubber Capacity	m3 / sec	7	
Fan Power	kW	20	
<b>Electrical System</b>			
Machine Voltage	1100 VAC 50 Hz		
Control System	Radio Remote Control		
<b>Loading Unit</b>			
Loading Method (CLA)		3 Finger	4 Finger
CLA Power	kW	2 X 40	2X60
Conveyor Width	mm	600	965
Conveyor Depth	mm	318	300
Loading Capacity	tonnes/min	8 to 10	15
Conveyor Power	kW	2 X 22.5	

### CM 3000 / CM 3500 Continuous Miner Specifications



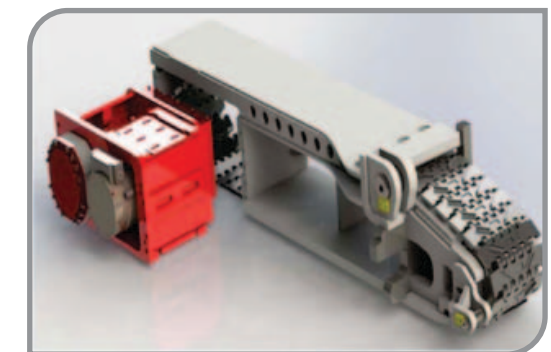
- ✓ Heavy Main frame constituted in a single structure for rigidity and stability of the machine.



- ✓ Wet cutter head system to deliver a fine water spray behind each cutting bit on the cutter drums. Acting as both cooling and wetting agent and reduce the potential for functional ignitions and also reduces respirable dust levels.



- ✓ Display shows all motors parameters, motor starting interlocks conditions, motor faults, thermal protection, motor overload, overcurrent protection, etc.



- ✓ Tram drive incorporated with robust gears made from carburized high-alloy steel with ground teeth for accuracy and quiet operation with independently maneuverability.

