



Cat[®] CM230

Continuous Miner

Specifications

Operating Dimensions

Mining range	1270 - 2540 mm (50 - 100 in) (recommended)
Minimum height	1118 mm (44 in)
Maximum reach	2845 mm (112 in)
Ground Clearance	229 mm (9 in)
Length rear bumper to face	8153 mm (26 ft 9 in)

Transport Dimensions

Frame width	3277 mm (10 ft 9 in) (over rub rails)
Overall length	11 049 mm (36 ft 3 in)
Height	991 mm (39 in) over scrubber duct
Weight (total)	63.5 tonnes (140,000 lbs)

Cutting Unit

Cutting drum diameter	1118 mm (44 in)
Cutting drum width	3531 mm (11 ft 7 in)
Cutting power	2 x 201 kW (2 x 270 hp) motors (one hour rating)

Optional Dust Suppression

Scrubber assembly	Top Mounted
Scrubber type	Wet bed
Scrubber capacity	2.8 cms (6000 cfm)
Fan power	1 x 22 kW (1 x 30 hp) motor

Electrical System

Machine voltage	950 VAC 60 Hz (International voltages available)
Control system	Processor based/ radio remote control

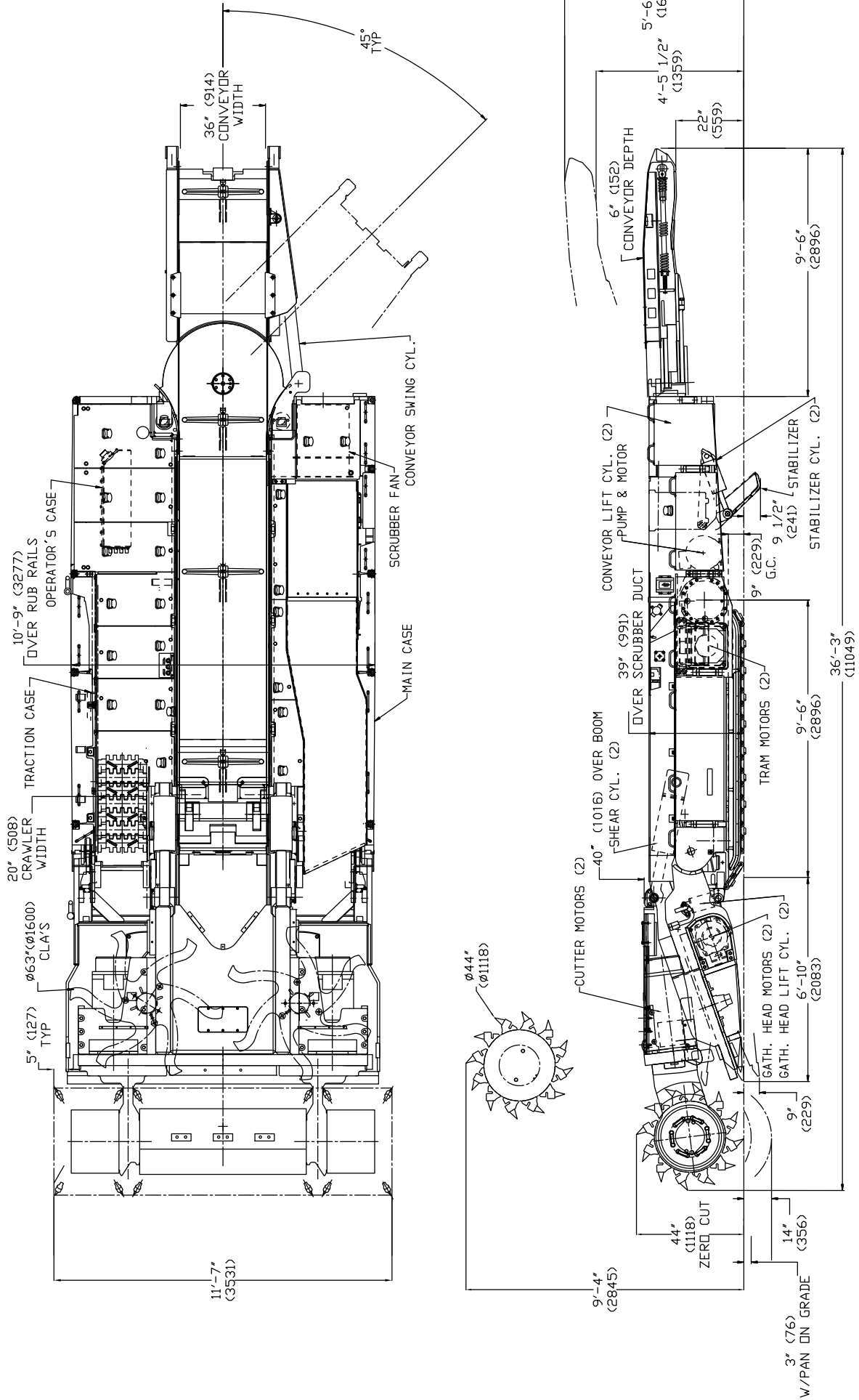
Total Installed Power

680 kW (910 hp) (one-hour rating w/o scrubber)

Loading Unit

Loading method	6 finger CLA
Conveyor width	914 mm (36 in)
Conveyor depth	152 mm (6 in)
Loading capacity	18 - 23 tonnes/min (20 - 25 tons/min)
Conveyor power	2 x 37 kW (2 x 50 hp) motors (one hour rating)

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Traction Unit

Crawler chain width	508 mm (20 in)
Crawler assembly length	2896 mm (9 ft 6 in)
Ground pressure	212 kPa (30.7 psi)
Crawler speed	0 - 26 m/min (0 - 85 fpm)
Traction power	2 x 82 kW (2 x 110 hp) AC/VFD (one-hour rating)

Pump Unit

Pump power	1 x 37 kW (1 x 50 hp) motor (one-hour rating)
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