



Cat® CM240

Continuous Miner

Specifications

Operating Dimensions

Mining range (recommended)	1676 - 3632 mm (66 - 143 in)
Minimum height	1530 mm (60 in)
Maximum reach	3931 mm (155 in)
Ground Clearance	305 mm (12 in)
Length rear bumper to face	8428 mm (27 ft 8 in)

Transport Dimensions

Frame width	3175 mm (10 ft 5 in) (over rub rails)
Overall length	11589 mm (38 ft)
Height	1137 mm (45 in) over scrubber duct
Weight (total)	68 tonnes (150000 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)

Loading Unit

Loading method	3 finger CLA
Conveyor width	914 mm (36 in)
Conveyor depth	305 mm (12 in)
Loading capacity	18 - 23 tonnes/min (20 - 25 tons/min)
Conveyor power	2 x 45 kW (2 x 60 hp) motors (one hour rating)

Traction Unit

Crawler chain width	508 mm (20 in)
Crawler assembly length	2896 mm (9 ft 6 in)
Ground pressure	227 kPa (32.9 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)

Hydraulic Unit

Hydraulic pump power	1 x 37 kW (1 x 50 hp) motor (one-hour rating)
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Optional Dust Suppression

Scrubber assembly	Top Mounted
Scrubber type	Wet bed
Scrubber capacity	3.8 cms (8000 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	694 kW (930 hp) (one-hour rating w/o scrubber)
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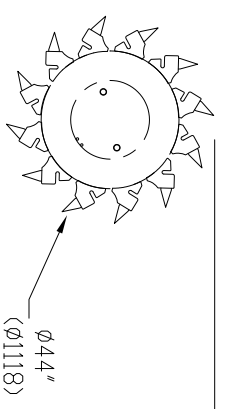
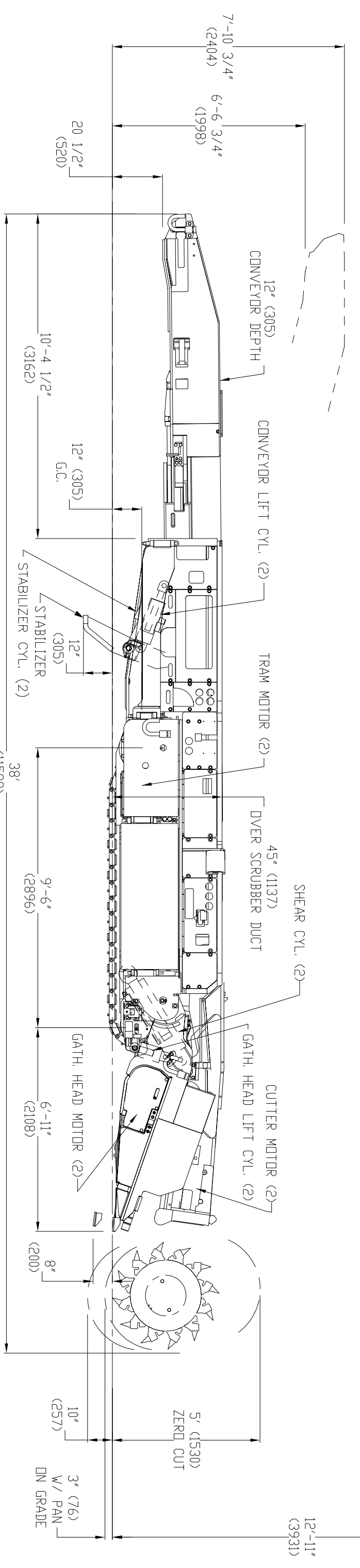
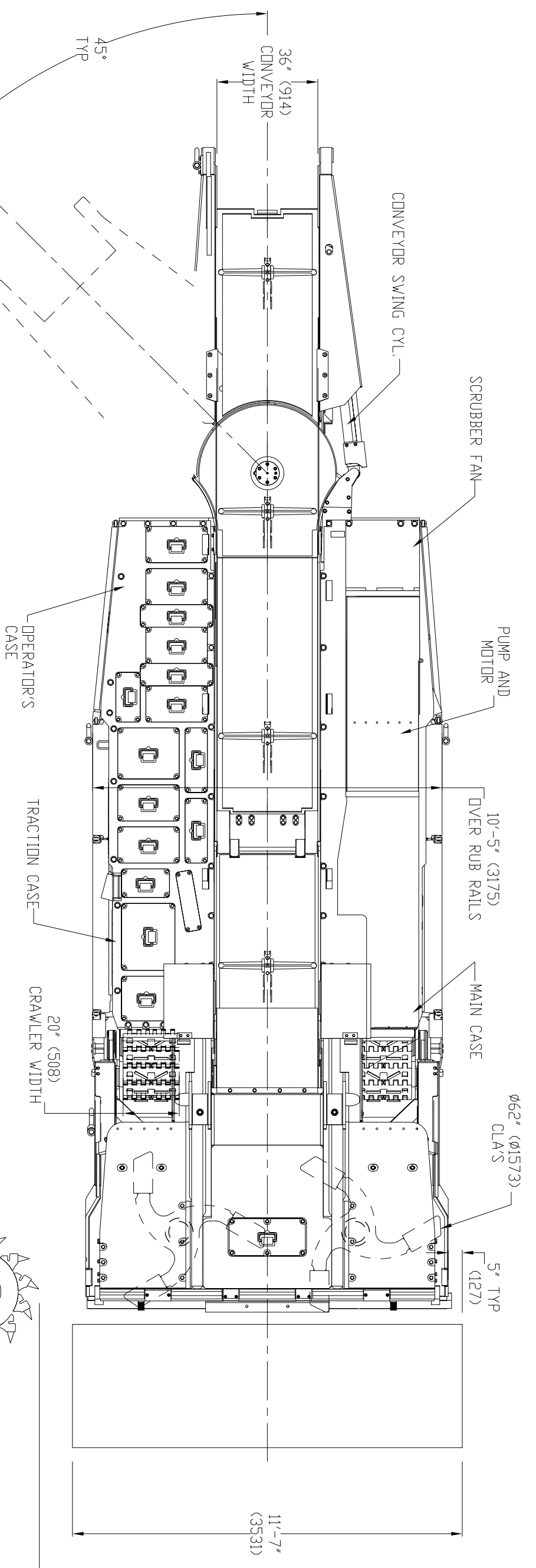
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REV	DESCRIPTION	DATE	NAME	SCALE	TITLE
00	NEW RELEASE	6/13/12	JMB	NONE	CM240, 8,000 CFM SCRUBBER
01					36" WIDE CONVEYOR 10'-4 1/2" DVERHANG (00)
02					63" DIA CLA GH.
03					1507255

DATE: 6/13/12
 CHECKED BY: RDK
 DRAWN BY: JMB
 MODEL NO.: CM240
 FIRST USED: CM240
 DRAWING NUMBER: 1507255
 SHEET 1 OF 1