

CM II 100DG

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Capacity

Cutting Capacity	Round (Diameter)	0.787" - 4.0"	20 – 101.6 mm
	Rectangle (W x H)	0.787" x 0.787" - 3.15" x 3.15"	20 x 20 - 80 x 80 mm
Maximum Stock Table Loading Capacity Round bars (Length x Diameter)		19.6 ft. x 4.0" x 10 bars Or 8511 lbs. (*1)	6000 x 101.6 mm x 10 bars Or 3860 kg. (*1)
Incline Table Dimensions (L x W x H)		17.55ft x 53.9" x 44.3"	5350 x 1370 x 1125 mm

Blade and Saw Head

Saw Blade	Number of Teeth	60, 80, or 100	
	OD x Bore x T	14.2" x 1.57" x 0.102"(0.098")	360 x 40 x 2.6(2.5) mm
	Blade Speed	11kW, 50 to 180 rpm, by Inverter 15kW, 50 to 250 rpm, by Inverter	
Saw Head	Feed Drive	AC Servo motor with ball screw	

Motors

Motors	Saw Blade Motor	14.7 HP or 20.1 HP	11 kW or 15kW
	Sawhead Feed Motor	2.6 HP , Servo Motor	2.0 kW, Servo Motor
	Hydraulic Pump Motor	3 HP	2.2 kW
	Cut-to-Length Feed Motor	1.3 HP , Servo Motor	1.0 kW, Servo Motor

Power Requirements

Power Requirements	Power Supply Voltage	AC200V±10%, 3 PH, 50/60 Hz or AC220V±10%, 3 PH, 60 Hz All Other Voltages Require a Transformer.
	Power Requirement	11kW spec.: 30 kVA 15kW spec.: 38kVA

Air Requirements

Air Requirements	Air Pressure	72.5 psi	0.5 MPa
	Air Flow Rate	64.6 gal/min	245 L/min

Hydraulic

Hydraulic	Tank Capacity	8.0 gal.	30 liters
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Oil Mist

Oil Mist	Tank Capacity	0.47 gal.	1.8 liters
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Material Index

Material Index	Index Mechanism	Shuttle Vise	
	Material Index	AC Servo Motor and Ball Screw	
	Stroke	28.3"	719 mm
	Length	0.394" – 393.70" (Multiple Indexing)	10 – 9999.99 mm (Multiple Indexing)
	End Trimming Length	0.394"-3.9"	10-99 mm
	Remnant Length	1.97" plus length of parts	50 mm plus length of parts

Dimensions and Weight

Machine Dimensions (W x L x H)	70.9" x 82.3" x 68.9"	1800 x 2100 x 1750 mm
Table Height (Above Floor)	35.4"	900 mm
Machine Weight	5513 lbs.	2500 kg.

Specifications may change without notice at the sole discretion of Amada's Engineering Department.

*1: Evenly Distributed Over Entire Table.

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Machine Standard Equipment

Ammeter Monitoring Main Motor Amp

DYNA Guide

Anti Backlash Device

Auto Trim Cut

Carbide Stabilizer Pads

CNC Control

Controlled Mist System

Cut Piece Counter

Incline Table

Self-Diagnostics

Sorting Device to Separate Trim and Remnants from Good Pieces

Wire Brush

Chip Conveyor

Optional Accessories

Mist Collector

Signal Tower

Work Supporter

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