

**CM II 75DG**

Capacity

<b>Cutting Capacity</b>	Round (Diameter)	0.394" - 3.0"	10 - 76.3 mm
	Rectangle (W x H)	0.394" x 0.394" - 2.55" x 2.55"	10 x 10 - 65 x 65 mm
<b>Maximum Stock Table Loading Capacity</b> Round bars (Length x Diameter)		19.6 ft. x 3.0" x 10 bars Or 4761 lbs. (*1)	6000 x 76.3 mm x 10 bars Or 2160 kg. (*1)
<b>Incline Table Dimensions</b> (L x W x H)		20'4" x 72.6" x 63"	6194 x 1844 x 1600 mm

Blade and Saw Head

<b>Saw Blade</b>	Number of Teeth	60, 80, 120 or 140	
	OD x Bore x T	11.2" x 1.57" x 0.08"	285 x 40 x 2.0 mm
	Blade Speed	50 to 180 rpm, by Inverter	
<b>Saw Head</b>	Feed Drive	AC Servo motor with ball screw	

Motors

<b>Motors</b>	Saw Blade Motor	10 HP	7.5 kW
	Sawhead Feed Motor	2.75 HP , Servo Motor	2.0 kW, Servo Motor
	Hydraulic Pump Motor	2 HP	1.5 kW
	Cut-to-Length Feed Motor	1 HP , Servo Motor	0.8 kW, Servo Motor

Power Requirements

<b>Power Requirements</b>	Power Supply Voltage	AC200V±10%, 3 PH, 60 Hz All Other Voltages Require a Transformer.	
	Power Requirement	24 kVA	

Air Requirements

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

Hydraulic

<b>Hydraulic</b>	Tank Capacity	7.93 gal.	20 liters
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Oil Mist

<b>Oil Mist</b>	Tank Capacity	0.4 gal.	1.5 liters
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Material Index

<b>Material Index</b>	Index Mechanism	Shuttle Vise	
	Material Index	AC Servo Motor and Ball Screw	
	Stroke	28.1"	715 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

<b>Machine Dimensions (W x L x H)</b>	65.0" x 82.3" x 64.2"	1650 x 2100 x 1630 mm
<b>Table Height (Above Floor)</b>	35.4"	900 mm
<b>Machine Weight</b>	4409 lbs.	2000 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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