

New VM1200

**New VM1200**

Capacity

<b>Cutting Capacity (L x H)</b>	48" x 20"	1219 x 508 mm
<b>Throat Depth</b>	20"	508 mm
<b>Work Load Capacity</b>	4410 lbs.	2000 kg.

Blade and Vise Operation

<b>Saw Blade</b>	Dimensions (L x T x W)	15'4" x 0.063" x 2"	4670 x 1.6 x 54 mm
	Blade Speed	33-295 ft./min, Inverter	10-90 m/min, Inverter
	Tension Control	Hydraulic	
<b>Blade Control</b>	Cutting Control	AC Servo Motor	

Motors

<b>Motors</b>	Saw Blade Motor	7.5 HP	5.5 kW
	Hydraulic Pump Motor	1 HP	0.75 kW
	Cutting Fluid Pump Motor	1/4 HP	0.18 kW
	Table Feed Motor	3/4 HP	0.5 kW
	Wire Brush Motor	1/8 HP	0.09 kW

Power Requirements

<b>Power Requirements</b>	Power Supply Voltage	AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer.
	Power Requirement	11 kVA

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Cutting Fluid and Hydraulic

<b>Cutting Fluid</b>	Tank Capacity	27.7 gal.	105 liters
	Pump Type	Electric	
<b>Hydraulic</b>	Tank Capacity	2.6 gal.	10 liters
	Pressure Setting	498 psi	3.5 MPa (35 kgf/cm <sup>2</sup> )

Chip Disposal

<b>Chip Disposal</b>	Chip Conveyor
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Feed

<b>Feed</b>	Feed Mechanism	Table Feed, AC Servo Motor with Rack and Pinion	
	Feed Stroke	49.2"	1250 mm

Dimensions and Weight

<b>Machine Dimensions (W x L x H)</b>	79.5" x 128.5" x 96.5"	2020 x 3263 x 2450 mm
<b>Table Height (Above Floor)</b>	39.6"	1005 mm
<b>Machine Weight</b>	7277 lbs.	3300 kg.

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

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**Machine Standard Features**

Blade Deviation Monitor  
CNC Lite Cutting Control  
Servo Controlled AC Motor Table Feed  
Motion Detector  
Variable Speed Drive  
Auto blade-guide positioning  
Auto positioning wire-brush  
Chip Conveyor  
Laser Beam Marking  
T Slot Clamps  
Beacon  
Blade 54mm Width Spec.

**Optional Accessories**

Auto back gauge stopper  
Work height 800mm

---MIS Memo---