

New VM3800

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Capacity

<b>Cutting Capacity (L x H)</b>	149.6" x 23.6"	3800 x 600 mm
<b>Throat Depth</b>	31.5"	800 mm
<b>Work Load Capacity</b>	26460 lbs.	12000 kg.

Blade and Vise Operation

<b>Saw Blade</b>	Dimensions (L x T x W)	21'0" x 0.063" x 2-5/8"	6400 x 1.6 x 67 mm
	Blade Speed	33-262 ft./min, Inverter	10-80 m/min, Inverter
	Tension Control	Hydraulic	
<b>Blade Control</b>	Cutting Control	AC Servo Motor	

Motors

<b>Motors</b>	Saw Blade Motor	10 HP	7.5 kW
	Hydraulic Pump Motor	2 HP	1.5 kW
	Cutting Fluid Pump Motor	1/4 HP	0.18 kW
	Table Feed Motor	1 HP	0.75 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	14 kVA

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Cutting Fluid and Hydraulic

<b>Cutting Fluid</b>	Tank Capacity	47.5 gal.	180 liters
	Pump Type	Electric	
<b>Hydraulic</b>	Tank Capacity	3.96 gal.	15 liters
	Pressure Setting	784 psi	5.5 MPa (55 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	151.6"	3850 mm

Dimensions and Weight

<b>Machine Dimensions (W x L x H)</b>	105.4" x 333.5" x 124.3"	2678 x 8472 x 3156 mm
<b>Table Height (Above Floor)</b>	55.5"	1410 mm
<b>Machine Weight</b>	22050 lbs.	10000 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

Blade Speed Display

Chip Conveyor

Cutting Length Control

Cutting Rate Display

Microprocessed N.C. Controller for Cutting Rate with Rack and Pinion

Servo Controlled AC Motor Table Feed

Motion Detector

Variable Speed Drive

Work Height Sensor

Variable Speed Drive

Auto positioning wire-brush

Laser Beam Marking

T Slot Clamps

Beacon

Blade 67mm Width Spec.

**Optional Accessories**

Work Height 1000mm

---MIS Memo---