

New VM3800WT (3wheels)

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Capacity

Cutting Capacity (L x H)	149.6" x 40"	3800 x 1016 mm
Throat Depth	60"	1524 mm
Work Load Capacity	33069 lbs.	15000 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	31'8" x 0.063" x 2-5/8"	9650 x 1.6 x 67 mm
	Blade Speed	33-262 ft./min, Inverter	10-80 m/min, Inverter
	Tension Control	Hydraulic	
Blade Control	Cutting Control	AC Servo Motor	

Motors

Motors	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

Power Requirements	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

Cutting Fluid	Tank Capacity	47.5 gal.	180 liters
	Pump Type	Electric	
Hydraulic	Tank Capacity	3.96 gal.	15 liters
	Pressure Setting	797.8 psi	5.5 MPa (55 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
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Feed

Feed	Feed Mechanism	Table Feed, AC Servo Motor with Rack and Pinion	
	Feed Stroke	151.6"	3850 mm

Dimensions and Weight

Machine Dimensions (W x L x H)	158.5" x 333.5" x 168"	4024 x 8472 x 4268 mm
Table Height (Above Floor)	55.5"	1410 mm
Machine Weight	39683 lbs.	18000 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---