

VM420

VM420

Capacity

Cutting Capacity (L x H)	16.5" x 5.9"	420 x 150 mm
Throat Depth	11.8"	300 mm
Work load Capacity	441 lbs.	200 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	11'6" x 0.042" x 1-1/4"	3505 x 1.1 x 34 mm
	Blade Speed	49.2-295 ft./min, Inverter	15-90 m/min Inverter
	Tension Control	Hydraulic	
Blade Control	Cutting Control	Hydraulic Pressure – Flow Control Valve	
Vise Operation	Type	Front and Rear Vise	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

Motors	Saw Blade Motor	3 HP	2.2 kW
	Hydraulic Pump Motor	1 HP	0.75 kW
	Cutting Fluid Pump Motor	1/8 HP	0.10 kW
	Wire Brush Motor	1/16 HP	0.06 kW
	Backgauge Motor	1/4 HP	0.20 kW

Power Requirements

Power Requirements	Power Supply Voltage	AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer.
	Power Requirement	5.5kVA

Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	12.1 gal.	46 liters
	Pump Type	Electric	
Hydraulic	Tank Capacity	10.5 gal.	40 liters
	Pressure Setting	384 psi	2.7 MPa (27 kgf/cm ²)

Chip Disposal

Chip Disposal	Manual
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Feed

Feed	Feed Mechanism	Table Feed, Hydraulic	
	Feed Stroke	17.52"	445 mm
	NC Back Gauge	0.118" – 12.008"	3.0 – 305.0 mm

Dimensions and Weight

Machine Dimensions (W x L x H)	59.64" x 32.67" x 73.78"	1515 x 830 x 1874 mm
Table Height (Above Floor)	29.5"	750 mm
Machine Weight	1984 lbs.	900 kg.

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

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Machine Standard Features

Inverter Blade Speed Change

Hydraulic Clamp

Hydraulic Blade Tension

Auto Back gauge Stopper

T Grove Table

Optional Accessories

Free Table Stroke 600mm

Work Height 250mm

Vise Pressure Control

---MIS memo---

No floor plan