

New VM2500

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Capacity

| | | |
|---------------------------------|------------|---------------|
| Cutting Capacity (L x H) | 99" x 20" | 2515 x 508 mm |
| Throat Depth | 20" | 508 mm |
| Work Load Capacity | 11025 lbs. | 5000 kg. |

Blade and Vise Operation

| | | | |
|----------------------|------------------------|--------------------------|-----------------------|
| Saw Blade | 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 | |
| Blade Control | Cutting Control | AC Servo Motor | |

Motors

| | | | |
|---------------|--------------------------|--------|---------|
| Motors | 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

| | | |
|---------------------------|----------------------|--|
| Power Requirements | 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

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

Chip Disposal

| | |
|----------------------|---------------|
| Chip Disposal | Chip Conveyor |
|----------------------|---------------|

Feed

| | | | |
|-------------|----------------|---|---------|
| Feed | Feed Mechanism | Table Feed, AC Servo Motor with Rack and Pinion | |
| | Feed Stroke | 100.4" | 2550 mm |

Dimensions and Weight

| | | |
|---------------------------------------|------------------------|-----------------------|
| Machine Dimensions (W x L x H) | 79.5" x 230.8" x 96.5" | 2020 x 5863 x 2450 mm |
| Table Height (Above Floor) | 39.6" | 1005 mm |
| Machine Weight | 12128 lbs. | 5500 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---