

WS2543M

**W2543M**

Capacity

<b>Cutting Capacity</b>	Round (Diameter)	28" (at 90°) 28" (at 45°) 25.6" (at 60°)	711 mm (at 90°) 711 mm (at 45°) 650 mm (at 60°)
	Rectangle (W x H)	44" x 27" (at 90°) 25.6" x 27" (at 45°) 15.7" x 25.6" (at 60°)	1117.6 x 685.8 mm (at 90°) 650 x 685.8 mm (at 45°) 400 x 650 mm (at 60°)
<b>Work Load Capacity</b>		11020 lbs.	4998 kg.

Blade and Vise Operation

<b>Saw Blade</b>	Dimensions (L x T x W)	28'6-1/2" x 0.063" x 2"	8700 x 1.6 x 54 mm
	Blade Speed	98-361 ft./min, by Inverter	30-110 m/min, by Inverter
	Tension Control	Hydraulic	
<b>Blade Control</b>	Top Limit Setting	Automatic Setting with Fast Approach Feeler	
	Cutting Control	Hydraulic Pressure & Flow Control Valve	
<b>Vise Operation</b>	Type	Split Vises and Vertical Clamp Device	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

<b>Motors</b>	Saw Blade Motor	10 HP	7.5 kW
	Hydraulic Pump Motor	3 HP	2.2 kW
	Cutting Fluid Pump Motor	1/4 HP	0.18 kW
	Roll Motor	1.5 HP	1.1 kW
	Table Rotation	1/2 HP	0.4 kW

Power Requirements

<b>Power Requirements</b>	Power Supply Voltage	AC230V±10%, 3 PH, 60 Hz, Voltage must be specified when ordering
	Power Requirement	20 kVA

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Cutting Fluid and Hydraulic

<b>Cutting Fluid</b>	Tank Capacity	47.5 gal.	215 liters
	Pressure Setting	1067 psi	7.35 MPa (75 kgf/cm <sup>2</sup> )
<b>Hydraulic</b>	Tank Capacity	19.8 gal.	90 liters
	Pressure Setting	1067 psi	7.35 MPa (75 kgf/cm <sup>2</sup> )

Chip Disposal

<b>Chip Disposal</b>	Chip Conveyor
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Dimensions and Weight

<b>Machine Dimensions (W x L x H)</b>	179" x 89.4" x 101"	4550 x 2270 x 2560 mm
<b>Table Height (Above Floor)</b>	32' – 33'	810 – 850 mm
<b>Machine Weight</b>	11880 lbs.	5400 kg.

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

**Machine Standard Features**

- Quick down material feeler
- Hydraulic blade tension
- Motor driven chip brush
- Inverter control variable blade speed
- Failure to function alarm
- Blade noise suppressor
- Hydraulic carbide guide device
- Blade guide arm auto-moving
- Auto-swivel with angle setting on screen
- Servo motor driven saw bow rotation
- Blade with 6.5 ° tilt

**Optional Accessories**

- Vise pressure regulator valve
- Hydraulic vertical press device