

H1000II

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Capacity

Cutting Capacity	Round (Diameter)	15.7" - 40"	400 - 1000 mm
	Rectangle (W x H)	15.7" x 15.7" - 44" x 40"	400 x 400 mm - 1100 x 1000 mm
Work Load Capacity		33069 lbs.	15000 kg

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	36'5" x 0.063" x 3"	11100 x 1.6 x 80 mm
	Blade Speed	50-246 ft./min, by Inverter	15-75 m/min, by Inverter
	Tension Control	Hydraulic	
Blade Control	Top Limit Setting	Automatic Setting with Quick Approach Feeler	
	Cutting Control	CNC-Lite, , Hydraulic Flow Control Valve with Stepping Motor	
Vise Operation	Type	Front and Rear Vises	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

Motors	Saw Blade Motor	15 HP	11 kW
	Hydraulic Pump Motor	5 HP	3.7 kW
	Cutting Fluid Pump Motor	1/4 HP	0.2 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	20 kVA

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Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	66.1 gal.	250 liters
	Pump Type	Electric	
Hydraulic	Tank Capacity	39.6 gal.	150 liters
	Pressure Setting	1110 psi	7.8 Mpa (78 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
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Material Index

Material Index	Index Mechanism	Outboard Vise, Manual operation	
	Stroke	19.7"	500 mm
	Length	N/A	
	Number of Input Station	N/A	
	Number of Cut-Off Pieces	N/A	
	Remnant Length	N/A	

Dimensions and Weight

Machine Dimensions (W x L x H)	Head Up Position	213.3" x 130.7" x 150.6"	5417 x 3321 x 3824 mm
	Head Down Position	213.3" x 130.7" x 121.1"	5417 x 3321 x 3075 mm
Table Height (Above Floor)		33.5"	850 mm
Machine Weight		30800 lbs.	14000 kg.

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

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Machine Standard Features

Chip Conveyor
CNC Lite Cutting Control
Motion Detector
Light Beam Marking
Variable Blade Running Speed Drive
Blade Deviation Monitor
Cutting Depth Control
Outboard Vise
Vibration Prevent Roller
Quick Approach
Sub Control Box

Optional Accessories

Free Roller Table 6ft
Power Roller Table 6ft

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