

H1600II

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Capacity

Cutting Capacity	Round (Diameter)	23.62" - 63"	600 - 1600 mm
	Rectangle (W x H)	63" x 63"	1600 x 1600 mm
Work Load Capacity		88200 lbs.	40000 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	50'10" x 0.063" x 3"	15500 x 1.6 x 80 mm
	Blade Speed	39.4-196.8 ft./min., by Inverter	12-60 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	Single Vise	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

Motors	Saw Blade Motor	20 HP	15 kW
	Hydraulic Pump motor	7.5 HP	5.5 kW
	Cutting Fluid Pump Motor	1/2 HP	0.4 kW

Power Requirements

Power Requirements	Power supply voltage	AC220V±10%, 3 PH, 60 Hz All Other Voltages Require a Transformer.
	Power Requirement	35 kVA

Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	92.5 gal.	350 liters
	Pump Type	Electric	
Hydraulic	Tank Capacity	66.1 gal.	250 liters
	Pressure Setting	1045 psi	7.5 Mpa (73.5 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
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Material Index

Material Index	Index Mechanism	Table feed, Manual operation	
	Stroke	70.9" , by Hydraulic	1800 mm, by Hydraulic
	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	291.6 x 192.7 x 208.9"	7407 x 4895 x 5307 mm
	Head Down Position	291.6 x 192.7 x 169.8"	7407 x 4895 x 4314 mm
Table Height (Above Floor)		31.9"	810 mm
Machine Weight		66200 lbs.	30000 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

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