

HFA1000CII

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Capacity

Cutting Capacity	Round (Diameter)	15.7" - 40"	400 - 1000 mm
	Rectangle (W x H)	15.7" x 3.9" - 43" x 40"	400 x 100 mm - 1100 x 1000 mm
Work Load Capacity		33,069 lbs.	15,000 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	36' 6" x 0.063" x 3"	11100 x 1.6 x 80 mm
	Blade Speed	49- 394 ft./min, Inverter	15-120 m/min, 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 Vise	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

Motors	Saw Blade Motor	15 HP	11 kW
	Hydraulic Pump Motor	5HP	3.7 kW
	Cutting Fluid Pump Motor	1/2 HP	0.36 kW

Power Requirements

Power Requirements	Power Supply Voltage	AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer.
	Power Requirement	26 kVA

Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	66.1 gal.	250 liters
	Pump Type	Electric	
Hydraulic	Tank Capacity	30.4 gal.	115 liters
	Pressure Setting	784 psi	5.5 MPa (55 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
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Material Index

Material Index	Index Mechanism	Shuttle Type	
	Stroke	19.6"	500 mm
	Length	0.39"-99.999"	10-9999.9 mm
	Number of Input Station	1-99	
	Number of Cut-Off Pieces	1-9999	
	Remnant Length (For Clamp Clearance of 0.79" /20 mm)	13" plus length of parts	330 mm plus length of parts

Dimensions and Weight

Machine Dimensions (W x L x H)	Head Up Position	211.3" x 126.6" x 154.1"	5420 x 3215 x 3924 mm
	Head Down Position	211.3" x 126.6" x 154.1"	5420 x 3215 x 3924 mm
Table Height (Above Floor)		33.5"	850 mm
Machine Weight		31970 lbs.	14500 kg.

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

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Machine Standard Features

Auto Trim Cut Function
Blade Deviation Monitor
Blade Speed Controlled By Inverter
Chip Conveyor
CNC Lite Cutting Control
Quick Approach
Full Stroke Vises
Hydraulic Blade Tensioning
Self Adjusting Wire Brush
Outboard Vise
Vibration Damping Rollers
Sub Control Box

Optional Accessories

Power Roller Table 10ft
Free Roller Table 10ft
Sub Control Box 65ft

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