

HFA400W

HFA400W CN

Capacity

Cutting Capacity	Round (Diameter)	1.18" –16.54"	30 - 420 mm
	Rectangle (W x H)	16" x 16"	400 x 400 mm
Work Load Capacity		5511 lbs.	2500 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	15' x 0.050" x 1-1/2"	4570 x 1.3 x 41 mm
	Blade Speed	56-295 ft./min, 60 Hz Stepless	17-90 m/min, 60 Hz Stepless
	Tension Control	Hydraulic	
Blade Control	Top Limit Setting	Automatic Setting with Quick Approach Feeler	
	Cutting Control	Hydraulic Pressure & Flow Control Valve	
Vise Operation	Type	Main and Rear Vise	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

Motors	Saw Blade Motor	7.5 HP	5.5 kW
	Hydraulic Pump Motor	2 HP	1.5 kW
	Cutting Fluid Pump Motor	1/4 HP	0.18 kW

Power Requirements

Power Requirements	Power Supply Voltage	AC220V±10%, 3 PH, 60 Hz Or AC440V±10%, 3 PH, 60 Hz
	Power Requirement	11 kVA

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Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	31.7 gal.	120 liters
	Pump Type	Centrifugal Electric Pump	
	Pump Capacity	10.6 gal/min	40 L/min
Hydraulic	Tank Capacity	10.5 gal.	40 liters
	Pump Type	Variable-Discharge Vane Pump	
	Pump Capacity	5.8 gal/min	22 L/min
	Pressure Setting	498 psi	3.5 MPa (35 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" - 999.999"	10 - 9999.9 mm
	Number of Input Station	1-99	
	Number of Cut-Off Pieces	1-9999	
	Remnant Length	3" plus length of parts	76 mm plus length of parts

Dimensions and Weight

Machine Dimensions (W x L x H)	Head Up Position	89.5" x 106.2" x 95.5"	2274 x 2697 x 2425 mm
	Head Down Position	89.5" x 106.2" x 62.0"	2274 x 2697 x 1575 mm
Table Height (Above Floor)		31.5"	800 mm
Machine Weight		4850 lbs.	2200 kg.

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

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Machine Standard Features

LCD Touch Screen
Blade Deviation Monitor
Chip Conveyor
Full Stroke Vises
Motion Detector
Auto Trim Cut Function
Pressure Flow Valve
Self Diagnostics
Variable Blade Speed Drive
Wheel Cover Limit Switch

Optional Accessories

Roller Table 6 ft
Roller Table 10 ft
Vertical Clamps
Vise Pressure Control

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