

HFA250W CN

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### Capacity

<b>Cutting Capacity</b>	Round (Diameter)	1.18" - 10"	30 - 250 mm
	Rectangle (W x H)	10.6" x 10"	270 x 250 mm
<b>Work Load Capacity</b>		3307 lbs.	1500 kg.

### Blade and Vise Operation

<b>Saw Blade</b>	Dimensions (L x T x W)	11'6" x 0.042" x 1-1/4"	3505 x 1.1 x 34 mm
	Blade Speed	89-295 ft./min, 60 Hz Stepless	27-90 m/min, 60 Hz Stepless
	Tension Control	Hydraulic	
<b>Blade Control</b>	Top Limit Setting	Automatic Setting with Quick Approach Feeler	
	Cutting Control	Hydraulic Pressure & Flow Control Valve	
<b>Vise Operation</b>	Type	Front Split Vise and Rear Vise	
	Control	Hydraulic Full-Stroke Cylinder	

### Motors

<b>Motors</b>	Saw Blade Motor	5 HP	3.7 kW
	Hydraulic Pump Motor	1 HP	0.75 kW
	Cutting Fluid Pump Motor	1/4 HP	0.12 kW

### Power Requirements

<b>Power Requirements</b>	Power Supply Voltage	AC220V±10%, 3 PH, 60 Hz Or AC440V±10%, 3 PH, 60 Hz
	Power Requirement	8kVA

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Cutting Fluid and Hydraulic

<b>Cutting Fluid</b>	Tank Capacity	22.5 gal.	85 liters
	Pump Type	Centrifugal Electric Pump	
	Pump Capacity	5.3 gal/min	20L/min
<b>Hydraulic</b>	Tank Capacity	7.9 gal.	30 liters
	Pump Type	Variable-Discharge Vane Electric Pump	
	Pump Capacity	4.0 gal/min	15L/min
	Pressure Setting	384 psi	2.7 MPa (27 kgf/cm <sup>2</sup> )

Chip Disposal

<b>Chip Disposal</b>	Chip Conveyor
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Material Index

<b>Material Index</b>	Index Mechanism	Shuttle Vise	
	Stroke	15.75"	400 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	2.24" plus length of parts	57 mm plus length of parts

Dimensions and Weight

<b>Machine dimensions (W x L x H)</b>	Head Up Position	76.6" x 93.1" x 69.8"	1945 x 2366 x 1772 mm
	Head Down Position	76.6" x 93.1" x 50.6"	1945 x 2366 x 1285 mm
<b>Table Height (Above floor)</b>		27.6"	700 mm
<b>Machine Weight</b>		3310 lbs.	1500 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 Vise  
Motion Detector  
Auto Trim Cut Function  
Pressure Flow Valve  
Self Diagnostics  
Split Vise  
Variable Blade Speed  
Wheel Cover Limit Switch

**Optional Accessories**

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

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