

HFA700CII

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Capacity

Cutting Capacity	Round (Diameter)	11.4" - 28"	290 - 700 mm
	Rectangle (W x H)	32" x 28"	800 x 700 mm
Work Load Capacity		17637 lbs.	8000 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	27'3 x 0.063" x 2-5/8"	8300 x 1.3 x 67 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	26.4 gal.	100 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"-999.999"	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)	1.38" plus length of parts	35 mm plus length of parts

Dimensions and Weight

Machine Dimensions (W x L x H)	Head Up Position	157.4" x 84.0" x 112.9"	3999 x 2133 x 2867 mm
	Head Down Position	157.4" x 84.0" x 112.9"	3999 x 2133 x 2867 mm
Table Height (Above Floor)		27.6"	700 mm
Machine Weight		15435 lbs.	7000 kg.

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

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Machine Standard Features

Chip Conveyor
Automatically Positioned Guide Arm
Blade Deviation Monitor
Blade Speed Controlled By Inverter
Chip Conveyor
CNC Lite Cutting Control
Work Light
Blade Tension with Hydraulic Pressure
Quick Approach
Motion Detector
Vibration Damping Rollers
Wheel Cover Limit Switch
Self Adjusting Wire Brush

Optional Accessories

Power Roller Table 6.5ft
Free Roller Table 6.5ft
Power Roller Table 10ft
Free Roller Table 10ft
Vertical Clamp, Must be Factory Ordered
Vice Pressure Control Valve
Sub Control Box 23ft
Sub Control Box 65.5ft

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