

PCSAW330

PCSAW330

Capacity

Cutting Capacity	Round (Diameter)	1.18" – 13"	30 - 330 mm
	Rectangle (W x H)	13" x 13"	330 x 330 mm
Work Load Capacity		4410 lbs.	2000 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	13'6" x 0.035" x 1-1/2"	4115 x 0.9 x 41 mm
	Blade Speed	49-394 ft./min, by inverter speed change	15-120 m/min, by inverter speed change
	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 Split Vise and Rear Vise	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

Motors	Saw Blade Motor	5 HP	3.7 kW
	Hydraulic Pump Motor	2 HP	1.5 kW
	Pulse Cutting Motor	1/4 HP	0.2 kW
	Cutting Fluid Pump Motor	1/4 HP	0.18 kW

Power Requirements

Power Requirements	Power Supply Voltage	AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer
	Power Requirement	13 kVA

Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	16.9 gal.	64 liters
	Pump Type	Centrifugal Electric Pump	
	Pump Capacity	26.4 gal/min	100 L/min
Hydraulic	Tank Capacity	8.7 gal.	33 liters
	Pump Type	Variable-Discharge Vane Electric	
	Pump Capacity	6.9 gal/min	26 L/min
	Pressure Setting	498 psi	3.5 MPa (35 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
----------------------	---------------

Material Index

Material Index	Index Mechanism	Shuttle Vise	
	Stroke	19.685"	500 mm
	Length	0.394"-999.99"	10-9999.9 mm
	Number of Input Station	1-99	
	Number of Cut-Off Pieces	1-9999	
	Remnant Length	2.283" plus length of parts	58 mm plus length of parts

Dimensions and Weight

Machine Dimensions (W x L x H)	Head Up Position	85.6" x 99.6" x 74.4"	2175 x 2530 x 1891 mm
	Head Down Position	85.6" x 99.6" x 74.4"	2175 x 2530 x 1891 mm
Table Height (Above Floor)		27.6"	700 mm
Machine Weight		3970 lbs.	1800 kg.

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

PCSAW330

Machine Standard Features

Vibration Prevent Roller
Inverter Blade Speed Change
Automatic Blade Guide Setting
Auto Trim Cut Function
Blade Deviation Monitor
Hydraulic Blade Tension
Chip Conveyor
Full Stroke Vise
Motion Detector
Quick Approach
Split Front Vise
Work Light
Smart Cut Bandsaw Blade Spec.

Optional Accessories

Roller Table 6.5 ft
Roller Table 10 ft
Vise Pressure Control
Signal Tower