

SA1318WPC

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Capacity

Cutting Capacity	Round (Diameter)	13.0" (at 90°) 11.8" (at 45°) 7.0" (at 60°)	330 mm (at 90°) 300 mm (at 45°) 180 mm (at 60°)
	Rectangle (W x H)	13.0" x 16.0" (at 90°) 9.4" x 13.0" (at 45°) 7.0" x 11.0" (at 60°)	330 x 405 mm (at 90°) 240 x 330 mm (at 45°) 180 x 280 mm (at 60°)
Work Load Capacity		4400 lbs.	1996 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	16'-4" x 0.043" x 1.25"	4960 x 1.1 x 34 mm
	Blade Speed	108-344 ft./min, by Inverter	33-105 m/min, by Inverter
	Tension Control	Hydraulic	
Blade Control	Top Limit Setting	Bow height adjusting plate	
	Cutting Control	Hydraulic Pressure & Flow Control Valve	
Vise Operation	Type	Front and Rear Vises and Vertical Vise	
	Control	Hydraulic Full-Stroke Cylinder	

Motors

Motors	Saw Blade Motor	5 HP	3.75 kW
	Hydraulic Pump Motor	1 HP	0.7 kW
	Cutting Fluid Pump Motor	0.13 HP	0.1 kW

Power Requirements

Power Requirements	Power Supply Voltage	AC230V±10% or AC460V±10%, 3 PH, 60 Hz, Voltage must be specified when ordering
	Power Requirement	7.84 kVA @230V , 7.59 kVA @440V

Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	30.6 gal.	116 liters
Hydraulic	Tank Capacity	5.8 gal.	22 liters
	Pressure Setting	400 psi	2.8 MPa (28 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
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Material Index

Material Index	Index Mechanism	Shuttle Vise	
	Stroke	27.6"	701 mm
	Length	0"-393.7"	0-10000 mm
	Number of Input Block	1-10	
	Number of Input Station	99	
	Number of Cut-Off Pieces	990	
	Remnant Length	9.25" for single part cutting 17.13" for bundle cutting	235mm for single part cutting 435mm for bundle cutting

Dimensions and Weight

Machine Dimensions (W x L x H)	93.1" x 81.6" x 64.4"	2365 x 2072 x 1635 mm
Table Height (Above Floor)	35.3"	895 mm
Machine Weight	4414 lbs.	2002 kg.

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

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Machine Standard Features

- Vise pressure regulator
- Touch screen
- Roller feeding table
- Vertical press vise for bundle cutting
- Feeding length encoder
- Auto hydraulic chip conveyor
- Manual adjustable bow height
- Blade wheel driven chip brush
- Blade tension gauge
- Inverter controlled variable blade speed
- Manual miter cutting
- 10-job setting

Optional Accessories