

PA18MPC

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Capacity

Cutting Capacity	Round (Diameter)	1.18" - 18.1"	30 - 460 mm
	Rectangle (W x H)	18.1" x 14.2"	460 x 360 mm
Work Load Capacity		7250 lbs.	3295 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	15'4" x 0.050" x 1-1/2"	4670 x 1.3 x 41 mm
	Blade Speed	65-330 ft./min, by Inverter	20-100 m/min, by Inverter
	Tension Control	Hydraulic	
Blade Control	Top Limit Setting	Automatic Setting with Quick Approach Feeler	
	Cutting Control	Hydraulic Pressure & Flow Control Valve	
Vise Operation	Type	Front Split Vise 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	0.12 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	@@kVA	

Cutting Fluid and Hydraulic

Cutting Fluid	Tank Capacity	21 gal.	80 liters
Hydraulic	Tank Capacity	21 gal.	80 liters
	Pressure Setting	569 psi	4.0 MPa (40 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
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Material Index

Material Index	Index Mechanism	Shuttle Vise	
	Stroke	19.6"	500 mm
	Length	0.39"-999"	10-25000 mm
	Number of Input Block	1-100	
	Number of Input Station	1-20	
	Number of Cut-Off Pieces	1-999	
	Remnant Length	2.75" plus length of parts	70 mm plus length of parts

Dimensions and Weight

Machine dimensions (W x L x H)	Head Up Position	97.0" x 90.0" x 94.0"	2463 x 2286 x 2388 mm
	Head Down Position	97.0" x 90.0" x 57.0"	2463 x 2286 x 1448 mm
Table Height (Above floor)		28.5"	724 mm
Machine Weight		5300 lbs.	2409 kg.

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

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Machine Standard Features

Optional Accessories

---MIS memo-----