

P230B

**P230B**

Capacity

<b>Cutting Capacity</b>	Round (Diameter)	2.75" – 9"	70 - 230 mm
	Rectangle (W x H)	2.75" x 2.75" – 6.25" x 6.25"	70 x 70 - 160 x 160 mm
<b>Maximum Stock Table Loading Capacity</b> Round bars (Length x Diameter)		19.7 ft. x OD9" x 4 bars (*1)	6000 mm x OD230mm x 4 bars (*1)
<b>Incline Table Dimensions</b> (L x W x H)		@@@.@ x @@@.@ x @.@.@	@@@@ x @@@@@ x @@@@@ mm

Blade and Saw Head

<b>Saw Blade</b>	Number of Teeth	50, 60 or 80	
	OD x Bore x T	29.5" x 3.15" x 0.15"	750 x 80 x 3.8 mm
	Blade speed	20 - 70 rpm, by Inverter	
<b>Saw Head</b>	Feed Drive	AC Servo Motor with Ball Screw	

Motors

<b>Motors</b>	Saw Blade Motor	40 HP	37 kW
	Sawhead Feed Motor	5 HP , Servo Motor	3.5 kW, Servo Motor
	Hydraulic Pump Motor	5 HP	3.5 kW
	Bar Feed Motor	5 HP	3.5 kW, Servo Motor
	Chip Conveyor	1/2 HP	0.06 kW, Servo Motor

Power Requirements

<b>Power Requirements</b>	Power Supply Voltage	AC230V±10%, 3 PH, 60 Hz All Other Voltages Require a Transformer
	Power Requirement	@@ kVA

Air Requirements

<b>Air Requirements</b>	Air Pressure	116 psi	0.8 MPa
	Air Flow Rate	132.2 gal/min	500 L/min

Hydraulic

<b>Hydraulic</b>	Tank Capacity	39.6 gal.	150 liters
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Oil Mist

<b>Oil Mist</b>	Tank Capacity	1.0 gal.	4.0 liters
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Material Index

<b>Material Index</b>	Index Mechanism	Shuttle Vise	
	Material Index	AC Servo Motor and Ball Screw	
	Stroke	19.7"	500 mm
	Length	0.394" – 118.1" (Multiple Indexing)	10 - 3000 mm (Multiple Indexing)
	End Trimming Length	0.394"-3.94"	10-100 mm
	Remnant Length	4.33" plus length of parts	110 mm plus length of parts

Dimensions and Weight

<b>Machine Dimensions (W x L x H)</b>	135.8" x 70.8" x @@@@ @@@.@"	3450 x 1800 x @@@@ mm
<b>Table Height (Above Floor)</b>	37.4"	950 mm
<b>Machine Weight (without Table)</b>	10800 lbs.	4900 kg.

\*1: Evenly Distributed Over Entire Table.

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

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**Machine Standard Equipment**

Ammeter Monitoring Main Motor Amp  
Anti Backlash Device for Maximum blade Life  
Carbide Stabilizer Pads to Eliminate Blade Run-Out  
Controlled Mist System (Eliminates Flood Coolant)  
Cut Piece Counter  
Incline Table for Continuous Cutting  
Length Setting by Direct Readout  
LED Readout Indicating Feed Rate  
Optional Trim Cut on automatic Mode  
Self-Diagnostics by Error Codes  
Sorting Device to separate Trim and Remnants from Good Pieces  
Speed Change by Inverter  
Wire Brush for Chip Removal  
Chip Conveyor  
Mist Collector  
Signal Tower  
Chip Air Blower  
Oil Mist Level & Air Pressure Reducer Switch

**Optional Accessories**

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