

HKB6050CNC

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Capacity

Cutting Capacity	Round (Diameter)	1" - 20"	25mm – 500mm
	Rectangle (W x H)	1" x 1" - 24" x 20"	25 x 25 mm - 600 x 500 mm
Work Load Capacity		9923 lbs.	4500 kg.

Blade and Vise Operation

Saw Blade	Dimensions (L x T x W)	19'4" x 0.050" x 2"	5890 x 1.3 x 54 mm
	Blade Speed	49-325 ft./min	15-100 m/min
	Tension Control	Hydraulic	
Blade Control	Top Limit Setting	Automatic Setting with Quick Approach Feeler	
	Cutting Control	CNC Control, Hydraulic Flow Control Valve with Stepping Motor	
Vise Operation	Type	Front, Main 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	0.18 kW

Power Requirements

Power Requirements	Power Supply Voltage	AC200V±10%, 3 PH, 60 Hz
	Power Requirement	11 kVA

Cutting Fluid and Hydraulic

Cutting fluid	Tank Capacity	38.3 gal.	145 liters
	Pump Type	Electric	
Hydraulic	Tank Capacity	12.2 gal.	46 liters
	Pressure Setting	570 psi	4 MPa (40 kgf/cm ²)

Chip Disposal

Chip Disposal	Chip Conveyor
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Material Index

Material Index	Index Mechanism	Shuttle Vise	
	Stroke	78.7"	2000 mm
	Length	0.394" – 999.999" *	10.0 – 99999.9 mm *
	Number of Block	1-30	
	Number of Input Station	1-10 per Block	
	Number of Cut-Off Pieces	1-999 per Station	
	Remnant Length	0.6" or more	15 mm or more

Dimensions and Weight

Machine Dimensions (W x L x H)	Head Up Position	169.8" x 226.1" x 91.7"	4312 x 5742 x 2330 mm
	Head Down Position	169.8" x 226.1" x 91.7"	4312 x 5742 x 2330 mm
Table Height (Above Floor)		28.8"	730 mm
Machine Weight		15215 lbs.	6900 kg.

* Automatic positioning cannot be performed when cutoff length is less than 1.2" (30 mm).

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

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Machine Standard Features

CNC Cutting Control with Hydraulic Pressure

Auto Trim Cut Function

Quick Approach

Chip Conveyor

Full Capacity Vises

Automatic Blade Guide Setting

Self Diagnostics

Blade Deviation Monitor

78.7" Single Index Stroke

Front Pulling Vise

Vise Pressure Control Valve

Optional Accessories

Light Beam Marking

---MIS Memo---