

## HKA400

### Capacity

<b>Cutting Capacity</b>	Round (Diameter)	12.6" (at 90°) 8.9" (at 45°) 3.9" (at 60°)	320 mm (at 90°) 200 mm (at 45°) 100 mm (at 60°)
	Rectangle (W x H)	16" x 11" (at 90°) 8.9" x 11" (at 45°) 3.9" x 11" (at 60°)	400 x 280 mm (at 90°) 200 x 280 mm (at 45°) 100 x 280 mm (at 60°)
<b>Work Load Capacity</b>		880 lbs.	400 kg.

### Blade and Vise Operation

<b>Saw Blade</b>	Dimensions (L x T x W)	12'9" x 0.042" x 1-1/4"	3885 x 1.066 x 32 mm
	Blade Speed	100-325 ft./min, by Inverter	30-100 m/min, by Inverter
	Tension Control	Manual - Split Clutch	
<b>Blade Control</b>	Top Limit Setting	Automatic Setting with Quick Approach Feeler	
	Cutting control	Hydraulic Flow Control Valve	
<b>Vise Operation</b>	Type	Front and Main Vise	
	Control	Hydraulic Full-Stroke Cylinder	

### Motors

<b>Motors</b>	Saw Blade Motor	3 HP	2.2 kW
	Hydraulic Pump Motor	1 HP	0.75 kW
	Cutting Fluid Pump Motor	1/16 HP	0.06 kW

### Power Requirements

<b>Power Requirements</b>	Power Supply Voltage	AC220V±10%, 3 PH, 60 Hz All Other Voltages Require Transformer.
	Power Requirement	10.7 kVA

### Cutting Fluid and Hydraulic

<b>Cutting Fluid</b>	Tank Capacity	10.7 gal.	40 liters
	Pump type	Electric	
<b>Hydraulic</b>	Tank capacity	10.7 gal.	40 liters
	Pressure Setting	391 psi	2.7 MPa (27 kgf/cm <sup>2</sup> )

### Chip Disposal

<b>Chip Disposal</b>	Manual
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### Material Index

<b>Material Index</b> (*1)	Index Mechanism	Shuttle Vise	
	Stroke	15.7"	400 mm
	Length	2.4" – 39.3"	60 – 999.9 mm
	Number of Input Station	99	
	Number of Cut-Off Pieces	1-9999	
	Remnant Length	2.8" plus length of parts	70 mm plus length of parts

### Dimensions and weight

<b>Machine Dimensions</b> (W x L x H)	Head Up Position	87.4" x 89.3" x 73.4"	2220 x 2269 x 1865 mm
	Head Down Position	87.4" x 89.3" x 65.4"	2220 x 2269 x 1662 mm
<b>Table Height (Above Floor)</b>		30.3"	770 mm
<b>Machine Weight</b>		3528 lbs.	1600 kg.

\*1: Material Index available at saw head angle 90° only.

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

**Machine Standard Features**

8 Degrees Incline Saw Head Design

60 Degree Miter Capability

Auto Index, Only at 0°

Direct Drive

Full Stroke Vise

Inverter Blade Speed Control

Light Beam Marking

Post Construction Type Saw Head

**Optional Accessories**

Roller Table

Vertical Clamp

---MIS Memo---