

## HK400

### Capacity

<b>Cutting Capacity</b>	Round (Diameter)	12.6" (at 90°) 8.9" (at 45°) 3.9" (at 60°)	320 mm (at 90°) 220 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°) 220 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, Inverter	30-100 m/min, Inverter
	Tension control	Manual - Split Clutch	
<b>Blade Control</b>	Top Limit Setting	Manual Setting Dial	
	Cutting Control	Oil Pressure – Flow Control Valve	
<b>Vise Operation</b>	Type	Single 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 Voltage Require Transformer
	Power Requirement	5.5 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>	Index Mechanism	N/A
	Stroke	N/A
	Length	N/A
	Number of Input Station	N/A
	Number of Cut-Off Pieces	N/A
	Remnant Length	N/A

### Dimensions and Weight

<b>Machine Dimensions (W x L x H)</b>	Head Up Position	77.6" x 56.3" x 73.4"	1970 x 1430 x 1865 mm
	Head Down Position	77.6" x 56.3" x 64.0"	1970 x 1430 x 1625 mm
<b>Table Height (Above Floor)</b>		30.3"	770 mm
<b>Machine Weight</b>		1990 lbs.	900 kg.

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

**Machine Standard Features**

8 Degrees Saw Head Kant  
60 Degree Miter Capability  
Direct Drive  
Full Stroke Vise  
Inverter Blade Speed Control  
Light Beam Marking  
Post Construction Type Saw Head

**Optional Accessories**

Roller Table 6.5 ft  
Roller Table 10 ft  
Vertical Clamp

---MIS Memo---