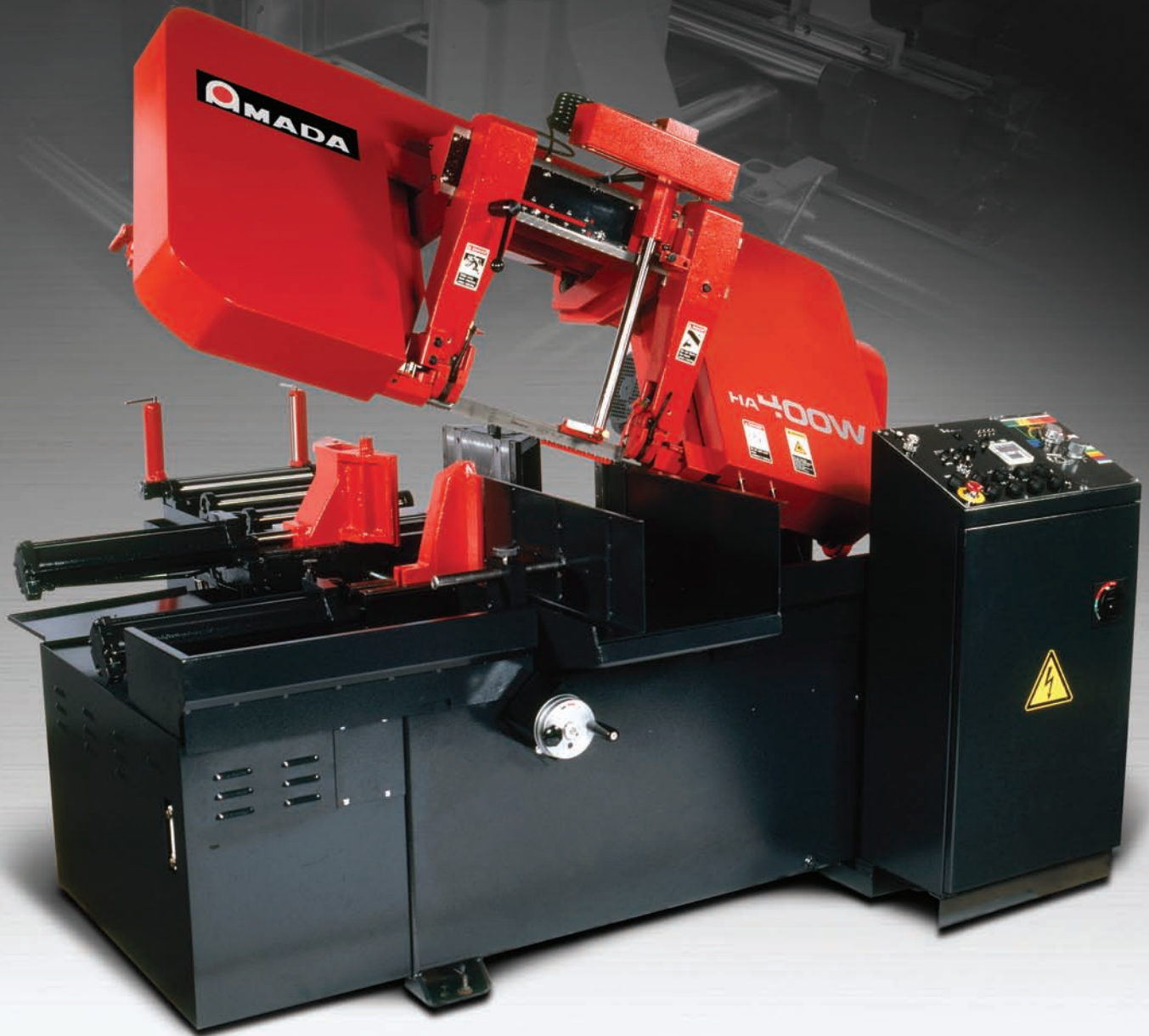


**AUTOMATIC BAND SAW**

# HA400W

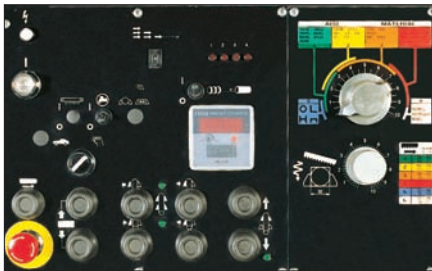


**MADA®**

# Automatic Band Saw - HA400W

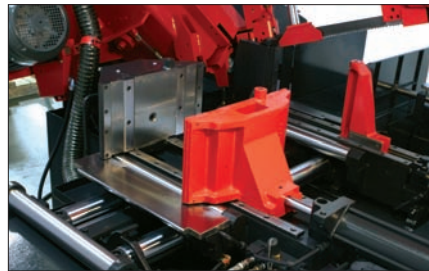
## Features

### Operators Console



All cutting functions controlled at one convenient location.

### Full Stroke Vises



The work holding and index vise cylinders are both full stroke which eliminates the manual setting of the clamping jaw for the work width.

- **Assured Accuracy**

Indexing accuracy of  $\pm 0.004$ " per index. Amada's rigid head design always assures straight accurate cuts in all sizes and grades of material.

- **Faster Cycle Times**

The fastest cycle times are achieved by utilization of the quick approach arm. This device maintains the minimal distance between the saw blade and the material being cut during the indexing.

- **Pressure Flow Valve**

The independent pressure and flow controls in series ensure the optimum cutting rate can be obtained regardless of section or alloy being cut.

- **Chip Conveyor**

Hydraulic-powered shaftless chip conveyor for chip removal and coolant separation.

- **Automatic Kerf Compensation**

On multiple index, the need to calculate for kerf loss has been eliminated.

**EXAMPLE:** For a 45" index, simply set the index at 15" and 3 indexes.

Both vise jaws open on index vise to avoid scoring on the sides of the material.

## Specifications

Model	HA400W	
Cutting Capacity	Round (Diameter)	0.5" - 16"
	Rectangle (W x H)	16" x 16"
Work Load Capacity	5511 lbs.	
Work Feed	Feed Stroke	19.6" (Maximum 9 Times Index)
	Feed Length	0.394" - 177"
Saw Blade	Blade Size (L x T x W)	15' x 0.050" x 1-1/2"
	Blade Speed	50 - 295 ft./min., 60 Hz (Stepless)
Motors	Saw Blade Motor	7.5 HP (5.5 kW)
	Hydraulic Pump Motor	2 HP (1.5 kW)
	Cutting Fluid Pump Motor	0.24 HP (0.18 kW)
Machine Dimensions (W x L x H)	Head Up Position	95.5" x 106.3" x 95.5"
	Head Down Position	90.0" x 106.3" x 62.4"
Table Height (Above Floor)	31.5"	
Machine Weight	4851 lbs.	

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



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