

# SOLUTION

## HORIZONTAL SCISSOR STYLE

HA250W • HA400W • HFA250W • HFA400W



The Vision of Precision



The Engineering AMADA

# AHB

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AMADA MACHINERY AMERICA, INC.



# AUTOMATIC HORIZONTAL METAL CUTTING BANDSAWS

HA250W • HA400W

▶▶▶ **THE HA250W & HA400W** feature “C” section frames that carry the mountings for the two band wheels, heavy-duty worm gear drive reducer, blade drive motor, and saw guide arm mounting supports. The result is an extremely rigid structure that delivers efficiency, economy, and large-capacity cutting for all types of metals.

## STANDARD FEATURES

- **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.
- **POWERED CHIP CONVEYOR:** Hydraulic-powered shaftless chip conveyor for chip removal and coolant separation. Greatly reduces cleanup time and enables the machine to run longer without operator cleanup.
- **AUTOMATIC KERF COMPENSATING DIAL:** On multiple index, the need to calculate for kerf loss has been eliminated.
- **INDEX FLOATING VISE:** Indexing accuracy of +/- 0.004"/index. Both vise jaws open on the indexing vise to accommodate crooked bars and eliminate scoring the OD of finished bars.
- **SPLIT FRONT VISE:** (HA250W) The work-holding vise is split so that it clamps the workpiece on both sides of the cutting plane.
- **9 TIMES MULTI INDEX:** The machine control has the capability to make up to nine index passes, giving a maximum cut length of 141.7" (3600 mm) for HA250W and 177" (4500 mm) for HA400W in automatic mode.
- **MOTION DETECTOR:** The wheel motion detector will turn off the blade drive in the event of a blade breaking or jamming in a workpiece. This feature also prevents premature wear on the drive wheel from a stalled blade.
- **ZERO CLAMP VISE**
- **DIAGNOSTIC LIGHTS**
- **PIECE COUNTER**
- **VARIABLE BLADE SPEED DRIVE**
- **BLADE BREAK LIMIT SWITCH**
- **2 WAY-OPENING VISE** (HA400W)
- **OPERATOR'S CONSOLE**

## OPTIONAL FEATURES

- **VERTICAL CLAMPS**
- **WISE PRESSURE CONTROL**
- **ROLLER TABLE 4'** (HA400W)
- **ROLLER TABLE 6'**
- **ROLLER TABLE 10'**
- **STAGING TABLE 6'X4'**
- **STAGING TABLE 10'X4'**
- **EXTERNAL CHIP CONVEYOR**
- **EXTENDED WARRANTY=** Regular 1 year + Additional year Total 2 years

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



FULL-STROKE VISES



CONTROL PANEL



AUTOMATIC KERF COMPENSATION



INDEX FLOATING VISE





# DYNAMIC HIGH-PERFORMANCE BANDSAWS

HFA250W • HFA400W

▶▶▶ **THE HFA SERIES** of fully automatic bandsaws was created to deliver extraordinary precision with highly accurate material indexing controlled by NC positioning. The squareness of each cut is monitored by a unique Amada-designed blade deviation monitor. A wide range of cutting capacities is available to match your application requirements.

## STANDARD FEATURES

- **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.
- **POWERED CHIP CONVEYOR:** Hydraulic-powered shaft less chip conveyor for chip removal and coolant separation. Greatly reduces cleanup time and enables the machine to run longer without operator cleanup.
- **PLC (Pro Logic) CONTROLLER:** This controller allows the operator to program and store up to 99 jobs with job queue cutting capability.
- **BLADE DEVIATION MONITOR**
- **MOTION DETECTOR**
- **VARIABLE BLADE SPEED**
- **WHEEL COVER LIMIT SWITCH**
- **AUTO TRIM CUT**
- **NC BACK GAUGE**
- **SELF DIAGNOSTICS**
- **FULL STROKE VISE**
- **SPLIT VISE (HFA250W)**

## OPTIONAL FEATURES

- **ROLLER TABLE 6'**
  - **ROLLER TABLE 10'**
  - **WISE PRESSURE CONTROL**
  - **VERTICAL CLAMPS**
  - **EXTERNAL CHIP CONVEYOR**
  - **STAGING TABLE 6'X4'** (HFA250W • HFA400W)
  - **STAGING TABLE 10'X4'** (HFA250W • HFA400W)
  - **EXTENDED WARRANTY=** Regular 1 year + Additional year Total 2 years
- Specifications may change without notice at the sole discretion of Amada's Engineering Department.

## NC FUNCTIONS

- **HOUR METER**
- **AUTO TRIM CUT**
- **BLADE DEVIATION MONITOR**
- **99 CUT-OFF LENGTHS FROM THE SAME BAR**
- **NUMBER OF PIECES REQUIRED/CUT**
- **DOES NOT HAVE BLADE LIFE/HISTORY**



POWER CHIP CONVEYOR



BLADE DEVIATION MONITOR



CUTTING DEVIATION



WHEEL COVER INTERLOCK



Roller Conveyor & Staging Table ▲

