

SOLUTION

HORIZONTAL POST STYLE

HFA260P (PA260MPC) • HFA360P (PA360MPC) • HFA460P (PA460MPC)
HFA560P (PA22MPC) • HFA700CII • HFA1000CII



The Vision of Precision



HIGH PRODUCTION SAWING for ALL MATERIALS

HFA260P (PA260MPC) • HFA360P (PA360MPC)
HFA460 (PA460MPC) • HFA560P (PA22MPC)

STANDARD FEATURES HFA260P (PA260MPC) • HFA360P (PA360MPC) HFA460 (PA460MPC) • HFA560P (PA22MPC)

- **SPEED RANGE:** Infinitely variable through a frequency inverter drive and heavy-duty worm gear transmission. The broad speed range allows for optimum cutting of a large spectrum of materials. A read out at the operator's touch screen assures accurate speed setting.
- **BLADE GUIDE:** The hydraulic clamping and combination roller bearing and carbide blade guides reduce heat and blade stress providing longer blade life and accuracies of $\pm .002$ per inch (.051 mm) of cut material. Large anti-vibration rollers help to increase blade life.
- **HYDRAULIC SHUTTLE FEED:** Multi length shuttle indexing up to 999". The shuttle comes to positive stops at both ends of the index, assuring cutoff length accuracy. Repeatability is $\pm .005$ " per index. The shuttle vise jaw floats hydraulically to accommodate crooked stock assuring straight, accurate cuts.
- **HYDRAULIC DOWN FEED:** Feed rate and down pressure can be controlled independently for fast, accurate cutting. Setup is made easy through the color-coded dial allowing the operator to select the optimum setting for the type of material being cut.
- **MPC PROGRAMMABLE CONTROL:** Conveniently located on the operator's control panel, this touch screen control allows the operator to program and store up to 100 jobs. Inputs include Part Length from 0 to 999" (0-25 m) (in inches up to 3 decimal places) and Number of Pieces to be cut.
- **FULL STROKING HYDRAULIC VISE JAWS:** The front vise jaws are split to reduce the remnant. The split vise jaws also help to reduce burrs left on the material and are ideal for bundle cutting, and holding the workpiece.
- **AUTOMATIC CHIP REMOVAL:** The chip auger rotating in the coolant return removes chips quickly and efficiently, freeing the operator to perform more productive operations.
- **VARIABLE VISE PRESSURE:** Hydraulic clamping pressure to the work holding jaws can be adjusted as required to hold solid or thin wall material, allowing the piece to be held securely and without distortion.

OPTIONAL FEATURES HFA260P (PA260MPC) • HFA360P (PA360MPC) HFA460 (PA460MPC) • HFA560P (PA22MPC)

- ROLLER CONVEYORS
- OUT OF SQUARE DETECTOR
- AUTOMATIC MIST LUBE
- HYDRAULIC HOLD DOWNS

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

SAFETY FEATURES

- COVERED CHIP AUGER
- COVER INTERLOCKS
- STALLED OR BROKEN BLADE SENSOR
- LOCKOUT TAGOUT CAPABLE
- TWO HANDED FRONT VISE CLAMP OPERATION
- SAFETY RAILING AROUND SHUTTLE

*Pictures may include some optional equipment.

*Some safety equipment may have been removed or opened to illustrate products clearly and must be in place, and functioning, prior to operation.



VISES



AUTOMATIC CHIP REMOVAL



TOUCH SCREEN CONTROL



FIRST SECTION DEAD ROLLER



STANDARD FEATURES HFA700CII • HFA1000CII

- **BLADE DEVIATION MONITOR:** The NC controller constantly monitors the cutting and blade conditions, including the twist of the saw blade. If these exceed the preset parameters in the automatic blade run-out detector the machine will cease cutting and indicate the reason for stopping.
- **USER-FRIENDLY OPERATOR CONSOLE:** By simplifying required input data, the cutting rate controller (CNC Light) makes achieving maximum cutting rates, accuracies, and longer blade life a constant.
- **MOTION DETECTOR** HFA700CII
- **FULL STROKE VISES** HFA1000CII
- **POWERED CHIP CONVEYOR**
- **WHEEL COVER LIMIT SWITCH** HFA700CII
- **VIBRATION DAMPING ROLLERS**
- **CNC CONTROLLED DOWN FEED**
- **HYDRAULIC BLADE TENSIONING**
- **AUTOMATICALLY POSITIONED GUIDE ARM** HFA700CII
- **BLADE SPEED CONTROLLED BY INVERTER**
- **WORK LIGHT** HFA700CII
- **SUB CONTROL BOX** HFA1000CII
- **OUTBOARD VISE** HFA1000CII
- **FULL STROKE VISES** HFA1000CII
- **AUTO TRIM CUT FUNCTION** HFA1000CII

OPTIONAL FEATURES HFA700CII • HFA1000CII

- **POWER ROLLER TABLE 6.5FT** HFA700CII
- **FREE ROLLER TABLE 6.5FT** HFA700CII
- **POWER ROLLER TABLE 10FT**
- **FREE ROLLER TABLE 10FT**
- **VICE PRESSURE CONTROL VALVE** HFA700CII
- **SUB CONTROL BOX 23FT** HFA700CII
- **SUB CONTROL BOX 65.5FT**
- **VERTICAL CLAMP, MUST BE FACTORY ORDERED** HFA700CII

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NC FUNCTIONS HFA700CII • HFA1000CII

- **HOURLY METER**
- **BLADE LIFE/HISTORY**
- **NUMBER OF PIECES REQUIRED/CUT**
- **99 CUT-OFF LENGTHS FROM THE SAME BAR**
- **BLADE RUNOUT MONITOR**
- **AUTOMATIC KERF COMPENSATION**

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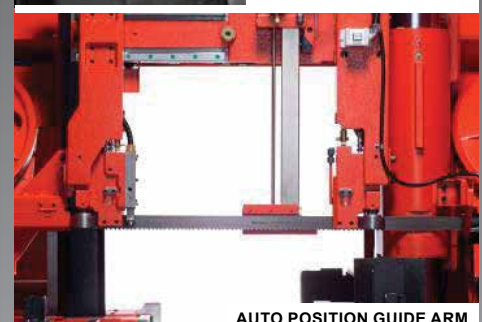
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BLADE DEVIATION MONITOR



POWER CHIP CONVEYOR



AUTO POSITION GUIDE ARM



NC CONTROL PANEL



