

SUPER BAND SAW MACHINE

# HFA530CNC



# Super Band Saw Machine - HFA530CNC

## Windows® Based CNC Controller for Operator Friendly Job Set-up



Feed and speed pre-determine according to blade type and material grade

### HFA NC Functions

- Automatic Kerf Compensation
- Most Economic Cutting
- Blade Runout Monitor
- History
- Multiple Job Selection
- Number of Pieces Required
- Number of Pieces Cut

## Minimum Vibration, Maximum Productivity



### Maximum Blade Width

In order to enhance the performance of the special motor and transmission, this machine is equipped with a 2 5/8" blade with high beam strength for fast accurate cutting in all types of material.

### Low Noise Levels

The unique design of the covers maintains the lowest noise levels possible, even when cutting tough materials at phenomenal cutting rates.

## High Efficiency for Reducing Operating Cost



### Double Column Guidance

The specially designed double column guidance system reduces vibration and guarantees reliable performance.

### Special Motor and Transmission

The high-powered motor coupled with a special high efficiency transmission maintains high cutting rates even when cutting the toughest materials.

## Additional Saw Blade Guide



The automated tracking blade guide brings the blade support close to the material and eliminates vibration at the cutting area.

## Automatic Adjusting Double Wire Brushes



The new automatically adjusted double wire brush design assures keeping the chip area of the blade clean for maximum life of blade and brushes in all types of cutting.

## Lower Center of Gravity for Improved Stability



The weight of this machine is twice as heavy as most of the conventional machines of similar capacity. By setting the center of gravity lower, it paves the way for steady and stable performances.

## Operation with “Return Conveyor” (Optional)



### Continuous Operation

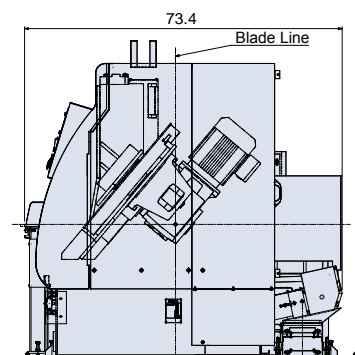
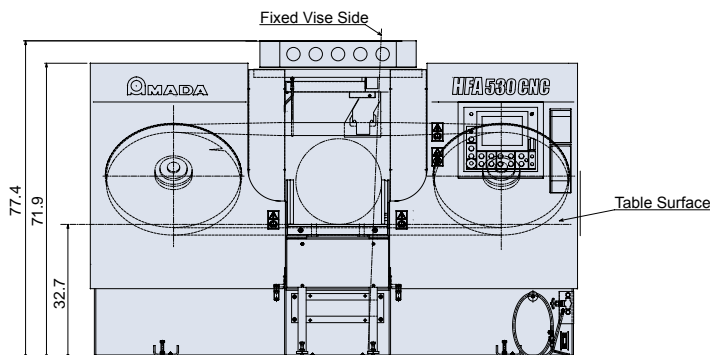
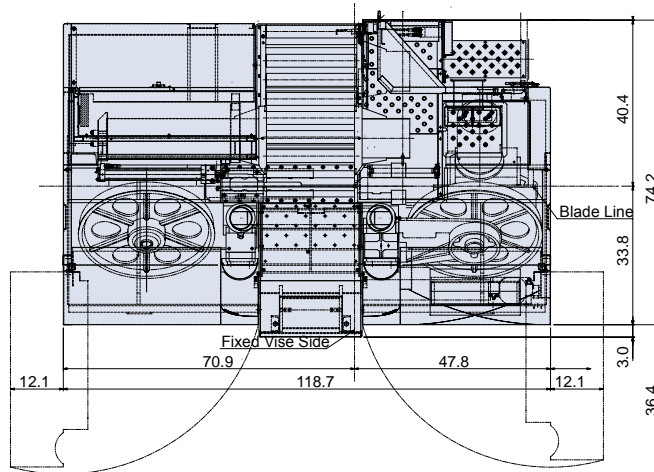
Machine down time virtually eliminated, continuous cutting as material supply is never exhausted due to crane delays.

### Maximum Efficiency

The goal of 100% efficiency keeps getting closer with each new innovative development at Amada. We are well aware of the direct correlation between efficiency and productivity.

## Dimensions (inches)

# HFA530CNC



## Specifications

Model		HFA530CNC
Cutting Capacity	Round (Diameter)	1.18" - 21"
	Rectangle (W x H)	21" x 21"
Work Load Capacity		8811 lbs. (Feeding Capacity: 17621 lbs)
Work Feed	Feed Stroke	Index Length per Stroke 15.75"
	Feed Length	0.39" - 393.69"
Saw Blade	Blade Size (L x T x W)	21'10" x 0.063" x 2-5/8"
	Blade Speed	50 - 394 ft./min., 60 Hz
Motors	Saw Blade Motor	10 HP (7.5 kW)
	Hydraulic Pump Motor	5 HP (3.7 kW)
	Cutting Fluid Pump Motor	0.25 HP (0.2 kW)
Machine Dimensions (W x L x H)		118.7" x 73.4" x 77.4"
Table Height (Above Floor)		32.7"
Machine Weight		13216 lbs.

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



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