

BAND SAW MACHINE

CTB400



 **AMADA**[®]

Band Saw Machine - CTB400

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



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

NC Functions

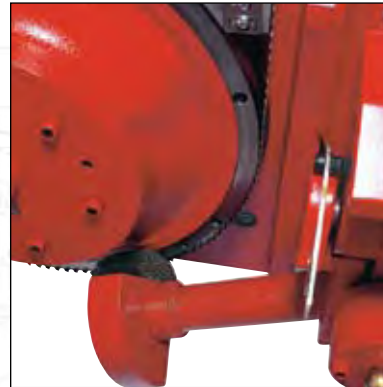
- Automatic Kerf Compensation
- Most Economic Cutting
- Blade Deviation Monitor
- History
- Multiple Job Selection
- Number of Pieces Required
- Number of Pieces Cut

Automatic Guide Arm Positioning



The guide arm automatically adjusts to maintain the maximum beam strength of the blade throughout the cut.

Automatic Wire Brush Setting (Patented)



The wire brush automatically adjusts for maximum efficiency and eliminates excessive brush wear.

AXCELA Carbide Blade



CTB400 is specifically designed to be used with Amada multifaceted carbide-tipped blades. This state-of-the-art saw achieves extreme cutting rates with long blade life for high productivity and low cost per cut.

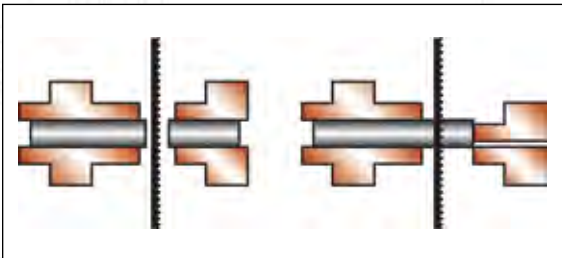
Chip Conveyor



The chip conveyor continuously extracts the chips to a chip hopper during the entire cutting operation.

Blade

Vise System

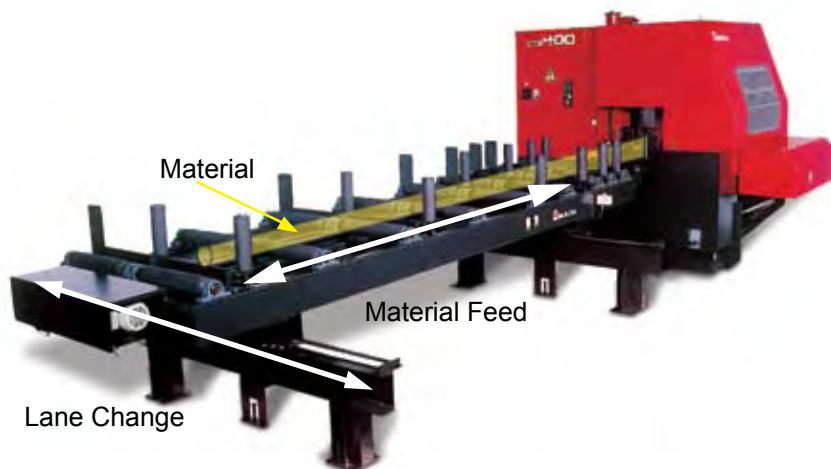


The patented vise system increases blade life while effectively controlling remnant lengths as little as 0.6".

Other Features

- Motion Detector
- Inverter Driven Variable Blade Speed
- Anti Vibration Guide Roller (Patented)
- Plasma Display
- Material Separation at End of Cut (Patented)
- Preset Auto Trim Cut
- Re-Circulating Coolant System
- Front and Rear Vise (Full Stroke)
- Safety Interlocks

Operation with “Return Conveyor” (Optional)



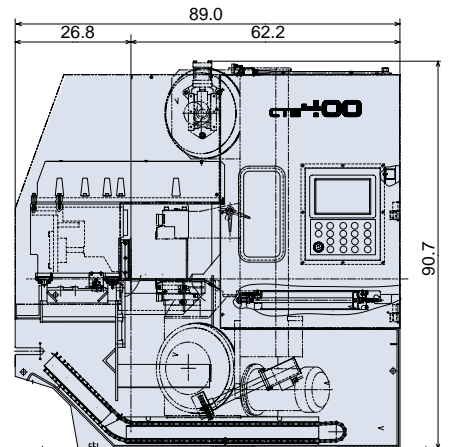
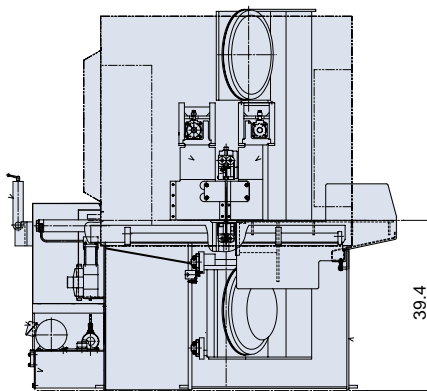
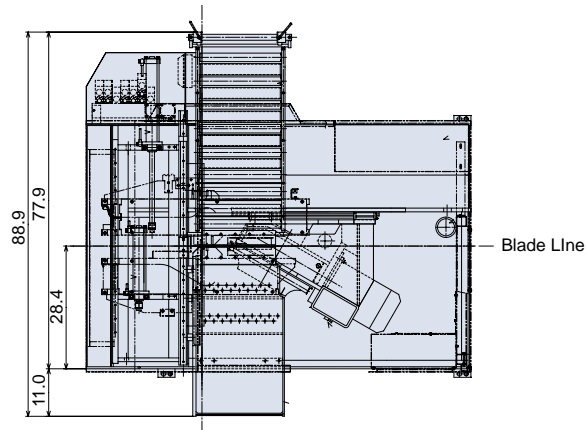
Continuous Operation

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)



Specifications

Model		CTB400
Cutting Capacity	Round (Diameter)	1.18" - 16"
	Rectangle (W x H)	1.18" x 0.5" - 16" x 16"
Work Load Capacity		5512 lbs.
Work Feed	Feed Stroke	Front: 11.8" / Rear: 15.7"
	Feed Length	0.39" - 393.69"
Saw Blade	Blade Size (L x T x W)	15'6" x 0.055" x 1-1/2"
	Blade Speed	50 - 492 ft./min. (Inverter)
Motors	Saw Blade Motor	10 HP (7.5 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)		89" x 88.9" x 90.7"
Table Height (Above Floor)		39.4"
Machine Weight		9261 lbs.

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



Amada Machine Tools America, Inc.

2324 Palmer Dr. Schaumburg, IL 60173 Phone (800)877-4729 or (847)285-4800 Fax (847)519-2127 www.amadamachinetools.com