

**EVERISING**  
**EVERISING MACHINE CO.**



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# CNC BAND SAW

ISO9001 CE

# COOL CUT TECHNOLOGY

Temperature Control = Accuracy Control = Efficiency Upgrade

**E**  
SERIES



## Temperature Cool Down



Automatic centering coolant supply unit cools down the cutting area directly.



Automatic centering compact coolant supply unit is able to cool cutting area directly. (Patented)

Temperature

27°C



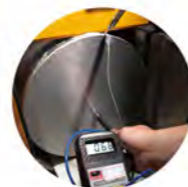
E Series



68°C



Standard Sawing Machine



Temperature  
↓  
**60%**

## Noise Reduction



Automatic tracking blade guide for optimal blade strength with anti-vibration feature.



The new EVERISING Tungsten Carbide Saw Blade features smooth sawing performance.

Noise Measurement

79.3 db



E Series

91.2 db



Standard Sawing Machine

Noise Level  
↓  
**13%**

## Suppress Vibration

- Intelligent HMI for the optimum cutting conditions.
- Vibration-Free Proportional Valve and Built-in Linear Magnetic Switch are employed for accurate bar in-feeds.



Applying high rigidity linear guide ways instead of vertical bars.



Automatic Blade Tracking Guide actuated by linear guide ways.



High torque Gearbox quietly powers the saw blade.

# THE COMBINATION OF ERGONOMICS & RIGIDITY

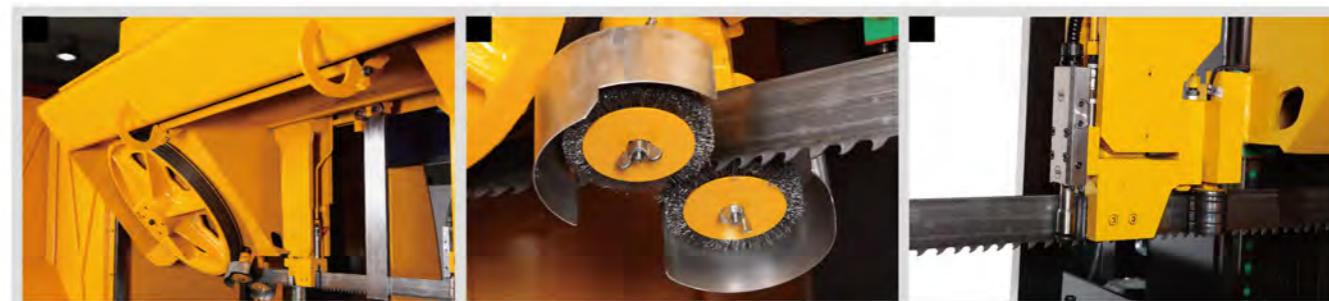
## Engineered for Efficiency and Profitability

The EVERISING E Series is a state-of-the-art band saw machine with number of intelligent functions are designed to be operator-friendly with modern engineering concepts.



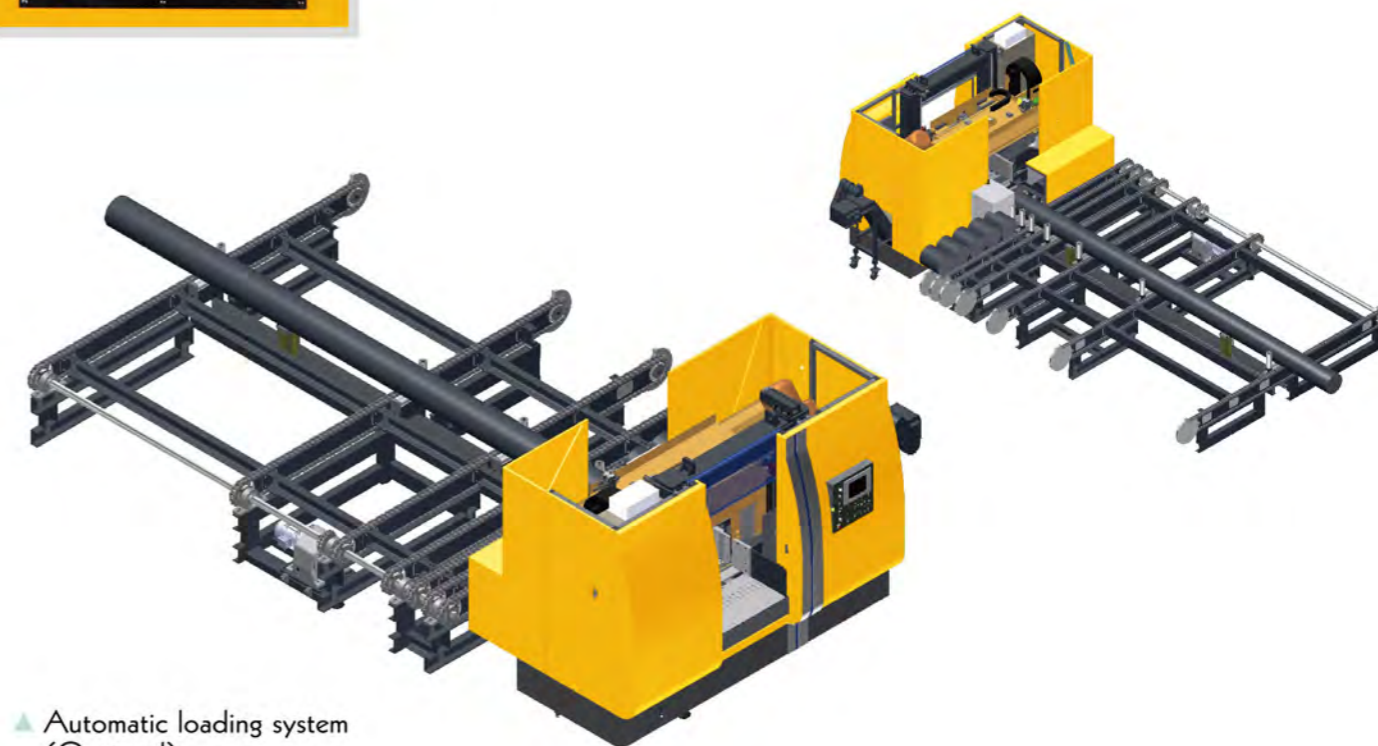
## Functions with the Most Appealing Price-Performance Ratio

- **Safety First**  
Safety blade changing device. (Patented)
- **Automatic adjusting dual wire brushes.** (Patented)  
Prevent the blade from being damaged by sawing chips, and prolong the service lifetime of saw blade.
- **Features of Saw Blade:**
  - The shorter blade length leads to an increase of efficiency while lowering cost of consumable part.
  - Available to use bi-metal blade and carbide blade.
  - The figure 3 shows an out of square detector.



### Everising own-designed CNC system:

- In combination with full color touch screen.
- Offering optimum down feeding condition and cutting method, applicable for standard as well as tough materials.
- Technical parameters / data library are CNC controlled for easy operation and optimum performance.



▲ Automatic loading system  
(Optional)

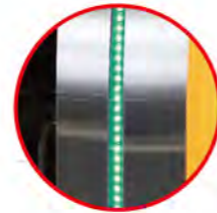
## Streamline Machine Status LED



Abnormal / Alarm



Machine Stop / Warning



Normal / Cutting in Progress



### Shockless hydraulic controlled bar feed shuttle system

- Two linear guide ways are employed for precision and stable last-cut.
- Two sawing positions respectively for long or short material.
- In feeding bars are firmly clamped by the twin floating vise at the front and rear side.
- The saw blade rises up automatically when a sawing cycle finished.

## E SERIES

## SPECIFICATION

Model	E-430	E-530	E-830		
CAPACITY	●	Ø30-430 mm	Ø30-530 mm	Ø250-830 mm	
	■	30-430 mm	30-530 mm	250-830 mm	
BLADE SIZE	5900 x 54 x 1.6 mm			6670 x 67 x 1.6 mm	8500 x 80 x 1.6 mm
BLADE SPEED	15-120 m/min			15-120 m/min	12-120 m/min
MOTOR	BLADE DRIVE	11 kW	15 kW	18.5 kW	
	HYD. PUMP	3.7 kW	3.7 kW	3.7 kW	
	COOLANT PUMP		0.375 kW		
	WIRE BRUSH		90 W		
BLADE TENSION		Hydraulic			
CARBIDE CLAMPING		Hydraulic			
SAW FEEDING		NC hydraulic			
SHUTTLE STROKE	500 mm NC hydraulic control		600 mm NC hydraulic control		
AUTO. CHIP CONVEYOR		Chain type			
MACHINE DIMENSION	3700 x 2000 x 2300 mm	4050 x 2100 x 2450 mm	5350 x 2200 x 3000 mm		
MACHINE WEIGHT	5500 kgs	7000 kgs	13000 kgs		

\* All specifications, dimensions and design characteristics shown in this catalogue are subject to change without prior notice.

### STANDARD FEATURES

- ▮ Variable blade speed controlled by inverter.
- ▮ Guide arm travels on linear guide way and moves in coordination with the movable vise jaw.
- ▮ Technical parameters are CNC controlled for an optimal processing of workpiece.
- ▮ Out of square detector.
- ▮ Hydraulic blade tensioning.
- ▮ Idler wheel motion detector with blade stalling and breakage shutoff.
- ▮ Hydraulic actuated carbide blade guides.
- ▮ Roller type work table.

### OPTIONAL EQUIPMENT

- ▮ Profile shape cutting.
- ▮ Automatic loading system.
- ▮ 2M LONG DEAD ROLLER TABLE - STRONG TYPE.
- ▮ 2M LONG POWER ROLLER TABLE - HYDRAULIC TYPE.