

EP-330S HI-TECH BAND SAW MACHINE

- EVERISING Design PC-BASE Control System.
- Cutting and Feeding by AC Servo Motor and Precision Ball Screw.
- Design for High Speed Cutting.
- Optimal for Bi-Metal and Carbide Tipped Saw Blade
- Full Enclosure, Low Cutting Noise, User Friendly



Cutting Capacity
□ 330 mm



Saw Blade Type
TCT / Bi-Metal



Saw Blade Dimension
5,580 x 54 x 1.3 mm

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EP-330S

HI-TECH BAND SAW MACHINE

Character

Robust

- Rigid saw frame with 2 high rigidity liner guide ways.
- 54 mm width blade for stabilized and low vibration cutting.
- Automatic tracking blade guide. (Patented)
- Floating cylinder lifts material automatically to prevent raw material from friction with front vise.

High Cutting Performance

- For Bi-Metal and Carbide tipped saw blade.
- For demanding applications with different material from mild steel to very tough material.
- Rigid construction and heavy duty cutting.
- For high requirement on fast cycle time.
- High accurate AC servo down feed control and Everising cutting method can reduce the cutting load.

Economical

- Short blade length design reduces the tool cost.
- Automatic adjusting dual wire brushes avoid raveling and welding chips on saw blade and increases the life time.
- A precise NC down feeding control and Everising cutting method gives the best cutting condition even cutting tough material.
- The self-adjusting coolant supply unit is able to cool blade teeth directly and enforces high cutting performance for short processing time.

Ergonomic

- EVERISING PC-BASE control with full color touch screen, user friendly interface.
- Zero point position to beginning of cutting system.
- Automatic chip conveyor directly under cutting line.



EVERISING PC-BASE Control System.



AC Servo Motor for Saw Head Feeding.



Automatic Adjusting Dual Wire Brushes.



Automatic Tracking Blade Guide for Optimal Blade Strength with Anti-vibration Feature.



Floating Cylinder to Prevent Material Friction with Front Vise.



Safety Blade Changing Device.

Specification

Capacity	●	30 – 330 mm
	■	30 – 330 x 400 mm
Saw Blade	Blade Size	5580 x 54 x 1.3 mm
	Blade Speed	15 – 275 m/min
	Blade Tension	Hydraulic
Motor	Blade	15 kW
	Hydraulic Pump	3.7 kW
	Saw Head Feed	3.5 kW
	Material Feed	3.5 kW

Motor	Coolant Pump	0.37 kW
	Wire Brush	0.12 kW
Material Feed	AC Servo Motor + Ball Screw	
Saw Head Feed	AC Servo Motor	
Shuttle Stroke	500 mm	
Table Height	730 mm	
Machine Dimension (W x L x H)	3600 x 2100 x 2600 mm	
Machine Weight	5600 kgs	

