

EVERISING MACHINE CO.  
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# CIRCULAR SAW

ISO9001 CE

# EXCELLENCE IN SAWING TECHNOLOGY



The saw head is ball screw actuated with premium grade linear guide ways.



Automatic lubrication unit.

**P**  
SERIES




## Robust Structure for Absolute Rigidity and Long Term Reliability


### SUPREME OPERABILITY

- Saw head feed is driven by servo feed system.
- High efficiency sawblade drive motor.
- Hydraulic clamping system.
- Floating feed device.
- Motions are transmitted through high precision linear guideways and ballscrews.
- Photoelectric sensor.
- Material feed is driven by servo feed system.

# Fully Automatic Circular Saw Machine

## ▶ P-50ILA CAPACITY


 8 - 50 mm

 8 - 40 mm





## ◀ P-75ILA CAPACITY

 10 - 75 mm


 10 - 54 mm


## P-100ILA CAPACITY

 15 - 100 mm


 15 - 80 mm


## P-150ILA CAPACITY

 70 - 150 mm

 70 - 105 mm

## ▶ P-230ILA CAPACITY

 70 - 230 mm

 70 - 160 mm



# BUILT WITH PASSION FOR PRODUCTIVITY

## Automatic Chain Type Loading Table (For P-230ILA)

- Maximum loading capacity: 4 round bars of  $\varnothing 230 \times 6000$  mm.
- The stocked material bars are shifted to in-feed position laterally.



## Thin Kerf Blade (Opt.)

Using thin kerf blade can reduce the material waste.



## Floating Cylinder

To prevent the raw material from interfering with front vise, a floating cylinder may shift the bar material upwards/downwards automatically.



Air Filter (Opt.)



Air Cool Gun for Blade (Opt.)

Cooling air blow to saw blade for reduce blade heating and extending life time.



Friendly and Easy to Operate Touch Screen

- Expandable built-in cutting data library.
- Key NC parameters can be turned/set in Service-Maintenance pages.
- Self-diagnose capability.
- Fully digitized data input structure.



Chain Type Chip Conveyor (P-930ILA)

Capable of removing cutting chip as well as heat out of sawing area, increases job efficiency and sawing accuracy.



Drive System

Controlled accurateness through servo motor and ball screw



Sawhead Feed System

Direct driven saw head for high cutting performance



## P SERIES

Model		P-50ILA
CAPACITY	●	Ø8 - 50 mm
	■	8 - 40 mm
SAWBLADE SPEED		55 - 220 rpm
SAWBLADE SIZES		Ø250 x 12.0 x 1.75t mm
MOTOR	BLADE DRIVE	7.5 kW (10 HP)
	HYDRAULIC PUMP	1.5 kW (2 HP)
	SAWHEAD FEED SERVO	1.0 kW
	MATERIAL FEED SERVO	1.0 kW
SAWHEAD FEED SYSTEM		
AUTOMATIC FEED LENGTH		Single feed 6 - 400 mm
COOLING		
TABLE HEIGHT		880 mm
MACHINE WEIGHT		1900 kg
FLOOR SPACE (mm)	MACHINE	1900 W x 1500 L
	WITH LOADING TABLE	1900 W x 6500 L

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

\* The minimum terminal size depends on material conditions. The worse the material condition, the longer the terminal size.

### STANDARD FEATURES

- | Friendly and easy to operate touch screen
- | Hydraulic clamped front & vertical vises
- | Floating shuttle device
- | Hydraulic sorting chute
- | Power driven brush for P-50ILA, P-75ILA and P-100ILA
- | Hydraulic motor power brush for P-150ILA and P-230ILA
- | Air cool gun for blade for P-150ILA and P-230ILA
- | Automatic loading table only for 6M long round bar
- | Saw blade
- | Automatic chip conveyor

### OPTIONAL EQUIPMENT

- | Air filter
- | Variable vise pressure
- | Air blow device for tube cutting
- | The long bar supporting system
- | Hydraulic motor power brush for P-50ILA, P-75ILA and P-100ILA
- | Air cool gun for blade for P-50ILA, P-75ILA and P-100ILA

## SPECIFICATION

P-75ILA	P-100ILA	P-150ILA	P-230ILA
Ø10 - 75 mm	Ø15 - 100 mm	Ø70 - 150 mm	Ø70 - 230 mm
10 - 54 mm	15 - 80 mm	70 - 105 mm	70 - 160 mm
50 - 200 rpm	40 - 160 rpm	30 - 125 rpm	20 - 70 rpm
Ø285 x 12.0 x 1.75t mm	Ø360 x 12.6 x 2.25t mm	Ø460 x 12.7 x 2.25t mm	Ø750 x 13.8 x 3.2t mm
7.5 kW (10 HP)	11 kW (15 HP)	15 kW (20 HP)	30 kW (40 HP)
1.5 kW (2 HP)	2.2 kW (3 HP)	3.7 kW (5 HP)	3.7 kW (5 HP)
1.5 kW	1.5 kW	2 kW	3.5 kW
1.0 kW	1.5 kW	2 kW	3.5 kW
Servo motor and ball screw			
Single feed 8 - 600 mm	Single feed 8 - 600 mm Multiple feed - 3000 mm	Single feed 10 - 700 mm	Single feed 10 - 500 mm
OIL MIST			
1002 mm	975 mm	1025 mm	1025 mm
3200 kg	3900 kg	4900 kg	8000 kg
2700 W x 1900 L	2900 W x 1900 L	3100 W x 2075 L	3510 W x 1825 L
2700 W x 6918 L	2900 W x 7038 L	3100 W x 7530 L	3510 W x 7175 L



▲ CE approved loading table  
(For CE model only)



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



No.1 Jingke 1st Road, Nantun District, Taichung 408, Taiwan

TEL : +886-4-2350-5300 / FAX : +886-4-2350-5420

E-mail : [evrs@everising.com.tw](mailto:evrs@everising.com.tw)

<http://www.everising.com>