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CIRCULAR SAW

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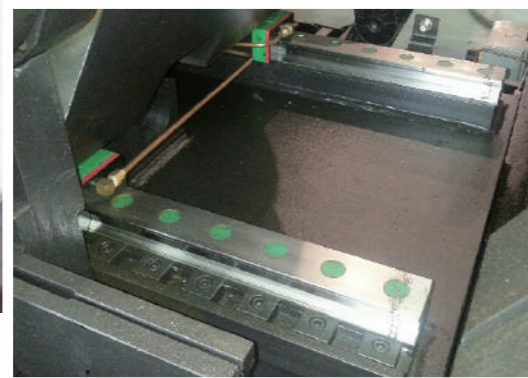
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EXCELLENCE IN SAWING TECHNOLOGY

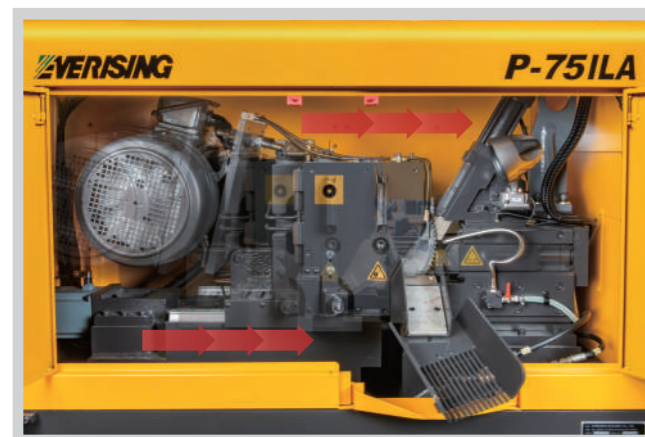


The saw head is ball screw actuated with premium grade linear guide ways.



Automatic lubrication unit.

P
SERIES



Robust structure for absolute rigidity and long term reliability

SUPREME OPERABILITY

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

 10 - 54 mm


P-100ILA CAPACITY


 15 - 100 mm

 15 - 80 mm

 15 - 80 mm


P-150ILA CAPACITY


 70 - 150 mm

 70 - 105 mm

 70 - 105 mm

► P-230ILA CAPACITY

 70 - 230 mm

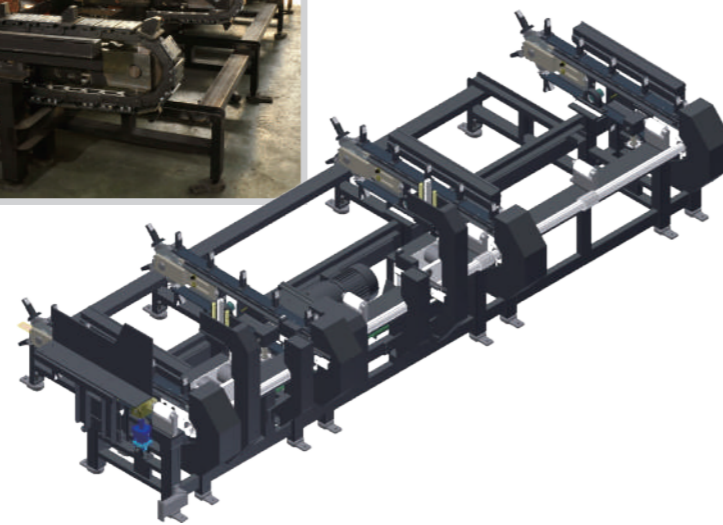
 70 - 160 mm



BUILT WITH PASSION FOR PRODUCTIVITY

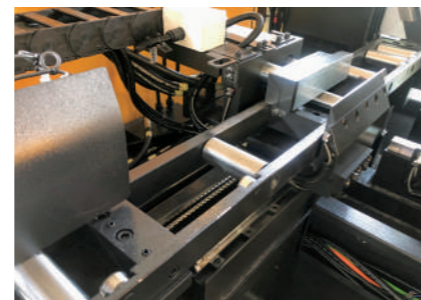
Automatic Chain Type Loading Table (For P-230ILA)

- Maximum loading capacity: 7,850 kgs / 4 round bars of Ø230 x 6000 mm.
- The stocked material bars are shifted to in-feed position laterally.



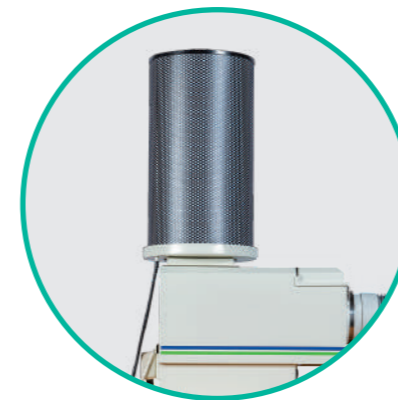
Thin Kerf Blade (Opt.)

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.



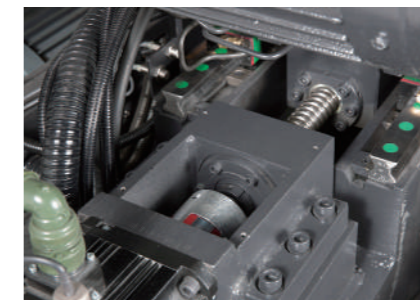
Friendly And Easy To Operate Touch Screen

- 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.



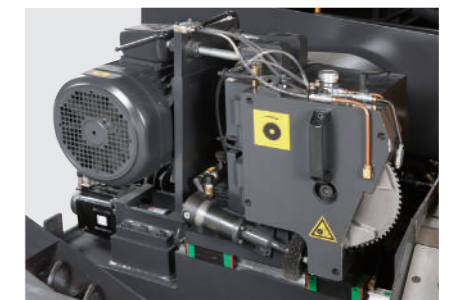
Chain Type Chip Conveyor (P-230ILA)

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

SPECIFICATION

Model		P-50ILA	P-75ILA	P-100ILA	P-150ILA	P-230ILA
CAPACITY	●	Ø8 - 50 mm	Ø10 - 75 mm	Ø15 - 100 mm	Ø70 - 150 mm	Ø70 - 230 mm
	■	8 - 40 mm	10 - 54 mm	15 - 80 mm	70 - 105 mm	70 - 160 mm
SAWBLADE SPEED		55 - 220 rpm	50 - 200 rpm	40 - 160 rpm	30 - 125 rpm	20 - 70 rpm
SAWBLADE SIZES		Ø250 x T2,0 x 1,75t mm	Ø285 x T2,0 x 1,75t mm	Ø360 x T2,6 x 2,25t mm	Ø460 x T2,7 x 2,25t mm	Ø750 x T3,8 x 3,2t mm
MINIMUM REMNANT		45 mm	45 mm	45 mm	55 mm	60 mm
MOTOR	BLADE DRIVE	7.5 kW (10 HP)	7.5 kW (10 HP)	11 kW (15 HP)	15 kW (20 HP)	30 kW (40 HP)
	HYDRAULIC PUMP	1.5 kW (2 HP)	1.5 kW (2 HP)	2.2 kW (3 HP)	3.7 kW (5 HP)	3.7 kW (5 HP)
	SAWHEAD FEED SERVO	1.0 kW	1.5 kW	1.5 kW	2 kW	3.5 kW
	MATERIAL FEED SERVO	1.0 kW	1.0 kW	1.5 kW	2 kW	3.5 kW
SAWHEAD FEED SYSTEM		Servo motor and ball screw				
AUTOMATIC FEED LENGTH		Single feed 6 - 400 mm	Single feed 8 - 600 mm	Single feed 8 - 600 mm	Single feed 10 - 700 mm	Single feed 10 - 500 mm
COOLING		OIL MIST				
TABLE HEIGHT		880 mm	1002 mm	975 mm	1025 mm	1025 mm
MACHINE WEIGHT		1900 kg	3200 kg	3900 kg	4900 kg	8000 kg
FLOOR SPACE (mm)	MACHINE	1900 W x 1500 L	2700 W x 1900 L	2900 W x 1900 L	3100 W x 2075 L	3510 W x 1825 L
	WITH LOADING TABLE	1900 W x 6500 L	2700 W x 6918 L	2900 W x 7038 L	3100 W x 7530 L	3510 W x 7175 L

* All specifications, dimensions and design characteristics shown in this catalogue are subject to change without prior notice.
 * The minimum remnant size depends on material conditions. The worse the material condition, the longer the remnant 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
- Automatic loading table only for 6M long round bar
- Saw blade
- Automatic chip conveyor

OPTIONAL EQUIPMENT

- Air filter
- Variable vise pressure
- Cutting fluid coolant system
- 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



▲ CE approved loading table (For CE model only)