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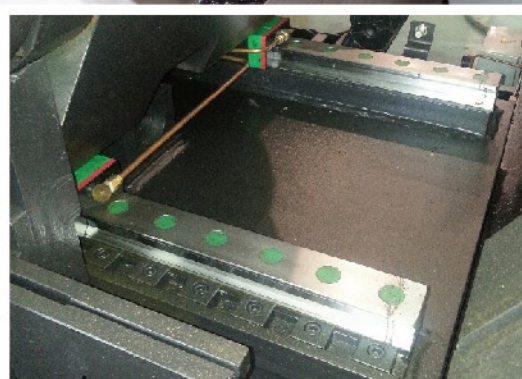


# CIRCULAR SAW

ISO9001 CE



# EXCELLENCE IN SAWING TECHNOLOGY



The saw head is ball screw actuated with premium grade linear guide ways. (P-230B)



Servo controlled head stock with 30 kW (P-230B) motorized saw blade.

**P**  
SERIES



## Robust structure for absolute rigidity and long term reliability

### SUPREME OPERABILITY

- Saw head is powered by the Servo In-feed System.
- 30 kW saw blade motor. (for P-230B)
- Electro-Magnetic brake system ensures optimum sawing quality. (except P-230B)
- Shutting table is designed with floating mechanism.
- The Long Bar Supporting System. (Opt.)
- Motion control via premium class linear guide ways and ball screw.
- Automatic Opt-Electrical Bar Detection
- Full stroke hydraulic clamping system

## Fully Automatic CNC Circular Saw Machine

### ► P-70B CAPACITY

- 10 - 70 mm
- 10 - 54 mm
- 10 - 54 mm



### ► P-100B CAPACITY

- 15 - 100 mm
- 15 - 80 mm
- 15 - 80 mm



### ► P-150B CAPACITY

- 70 - 150 mm
- 70 - 105 mm
- 70 - 105 mm



### ► P-230B CAPACITY

- 70 - 230 mm
- 70 - 160 mm

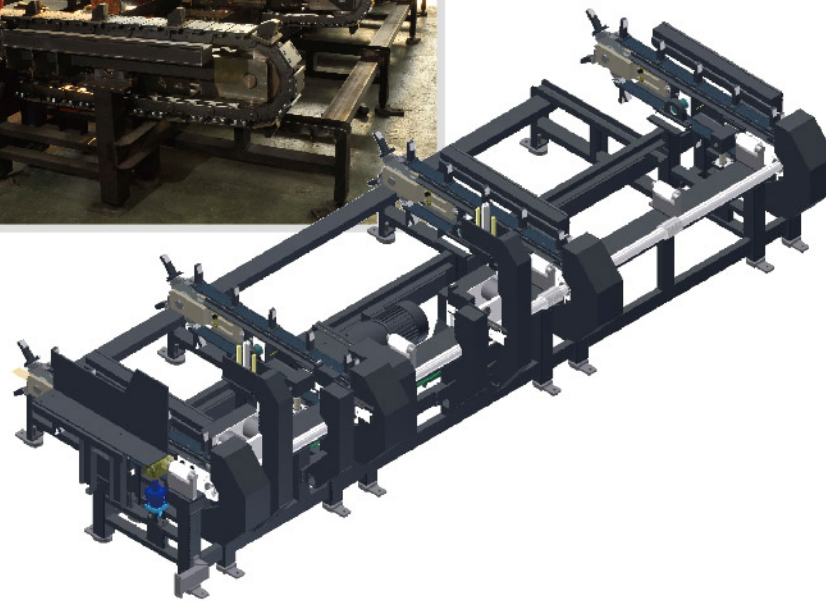




# BUILT WITH PASSION FOR PRODUCTIVITY

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

- 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.



- Operator-friendly Siemens **SIEMENS** interface:
- 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.

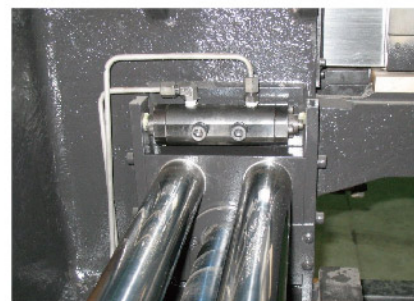


Air Filter (Opt.)



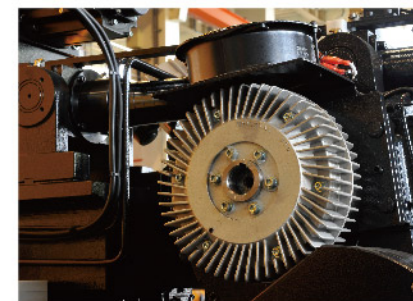
Floating Feeding System

Bars are conveyed by heavy duty rollers with floating support mechanism to eliminate lateral run-out of the material.



Floating Cylinder

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



Electro-magnetic Brake.

Multiple-step braking torque that minimizes the machine resonance and increases sawing accuracy as well as the life of saw blades. (except P-230B)



Chain Type Chip Conveyor (P-230B)

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



## P SERIES

## SPECIFICATION

Model		P-70B	P-100B	P-150B	P-230B
CAPACITY	●	10 - 70 mm	15 - 100 mm	70 - 150 mm	70 - 230 mm
	■	10 - 54 mm	15 - 80 mm	70 - 105 mm	70 - 160 mm
	■	10 - 54 mm	15 - 80 mm	70 - 105 mm	-
BLADE MOTOR		10 HP	15 HP	20 HP	40 HP
HYDRAULIC PUMP MOTOR		2 HP	3 HP	5 HP	5 HP
BLADE SPEED		30 -150 rpm	30 -130 rpm	30 -130 rpm	20 -70 rpm
SAW BLADE SIZE ( T: KERF t: THICKNESS )		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
BLADE FEED		Servo motor and ball screw			
LOAD TABLE ( W X L )		1200 mm x 5200 mm	1200 mm x 5200 mm	1200 mm x 5200 mm	2286 mm x 5380 mm
BAR FEED		Servo motor and ball screw			
AUTOMATIC FEED LENGTH		Single feed 8 - 600 mm Multiple feed - 3000 mm	Single feed 8 - 600 mm Multiple feed - 3000 mm	Single feed 10 - 700 mm Multiple feed - 3000 mm	Single feed 10 - 500 mm Multiple feed - 3000 mm
AUTOMATIC CHIP CONVEYOR		Scraper type			
COOLING		Air compressed oil mist			
MACHINE WEIGHT WITH TABLE		3200 kgs	3900 kgs	4900 kgs	8000 kgs
FLOOR SPACE (mm)	MACHINE WITH 5M LOAD TABLE	2700 W x 1900 L 2700 W x 6835 L	2900 W x 1900 L 2900 W x 6835 L	3100 W x 2075 L 3100 W x 7175 L	3510 W x 1825 L 3510 W x 7120 L

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

### STANDARD FEATURES

- Friendly and easy to operate touch screen.
- Hydraulic clamped front & vertical vises.
- Floating shuttle device.
- Hydraulic sorting chute.
- Electro-Magnetic powder brake.
- Individual power wire brush.
- Automatic loading table (5M) only for round bar.
- Saw blade 2 pcs
- Automatic chip conveyor
- Transmission belt x 2 pcs.
- Cutting mist oil 5 gallons.
- One set of tools with tool box.

### OPTIONAL EQUIPMENT

- Air Filter
- Air Compressor
- Variable vise pressure
- Cutting fluid coolant system
- Air blow device for tube cutting
- Reducing remnant length device
- The long bar supporting system
- Intelligent Bar Collecting System  
Taiwan Patent No.: M255090  
(Customized specification available upon request.)

