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CIRCULAR SAW

ISO9001 CE

EXCELLENCE IN SAWING TECHNOLOGY

P
SERIES



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.



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

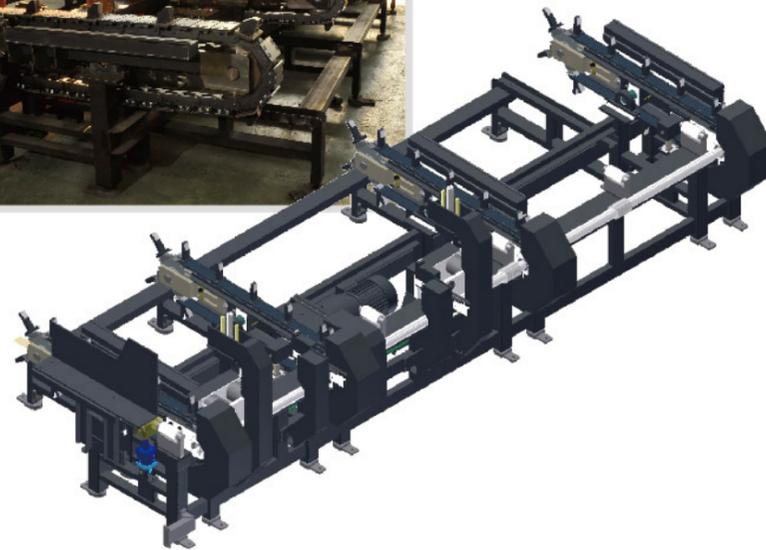
- 70 - 230 mm
- 70 - 160 mm



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.)



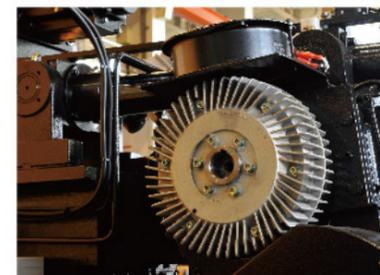
Floating Feeding System

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	2700 W x 1900 L	2900 W x 1900 L	3100 W x 2075 L	3510 W x 1825 L
	WITH 5M LOAD TABLE	2700 W x 6835 L	2900 W x 6835 L	3100 W x 7175 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.)

