

EVERISING MACHINE CO.  
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# SEMI-AUTOMATIC BILLET SAW

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# H SERIES

## Anti-Vibration Roller

- The anti-vibration roller is designed for eliminating cutting error caused by sawblade vibration during cutting, while extending the blade life.
- The gap between the anti-vibration roller and the blade is adjusted automatically.

## H-360SA~H-1010


 360 - 1000 mm

 360 - 1000 mm (width)

Less Blade Twist



## H-1300~H-2116

 1300 - 1600 mm

 1300 - 2100 mm (width)

Double Column Type Saw Frame  
Great Cutting Range  
Excellent for Cutting Large Material



## H-8276V/T H-1100V/T

**V TYPE:** Hydraulic Vise Feeding

**T TYPE:** Hydraulic Shuttle Table Feeding

 760 - 1000 mm

 820 - 1100 mm (width)





# A NEW STANDARD IN BAND SAW BLADE CUTTING



## 1 Powered Movable Guide Arm

- The guide arm movement is powered. It automatically moves to a proper position according to cutting size.
- The guide arm is locked securely by hydraulic power.

## 2 Power Driven Wire Brush

The wire brush provides continuous cleaning of sawblade. It prevents chips from entering into the circulated cutting, ensures cutting smoothness and extends sawblade life.

## 3 Variable Blade Speed Controlled by Inverter

- The sawblade running speed is controlled by a frequency inverter. Blade speed is adjusted by turning the regulation knob on the control panel.
- Designed with convenient tachometer for various materials.

## 4 Automatic Chip Conveyor Device

The device delivers chips to a chip tank located outside of the machine. This not only maintains a clean interior of the machine, but also saves time in manual removal of chips.

## 5 Hydraulic Blade Tension

The sawblade tension is controlled by hydraulic power, allowing the sawblade to maintain at a proper tension condition at all times.

## 6 Hydraulic Shuttle Table Feeding (T Type)

The T type machine is designed with hydraulic shuttle table feeding.

## 7 Hydraulic Vise Feeding (V Type)

The V type machine is designed with hydraulic vise feeding to ensure the material stability during moving and cutting.

## 8 Idler Wheel Motion Detector with Blade Stalling and Breakage Shut-off

- While the machine is operating, in case blade breakage occurs, the machine stops automatically to protect personnel safety.
- The blade breakage detector device employs a proximity sensor.

## 9 Less Blade Twist

The tilting saw frame design features less blade twist for extending the lifespan of the sawblade.

\* Features are base on price list.



# H SERIES

# SPECIFICATION

Model		H-360SA	H-5550	H-7050	H-7056	H-1010
CAPACITY	●	360 mm (14")	500 mm (20")	500 mm (20")	560 mm (20")	1000 mm (40")
	■	360 x 360 mm (14" W x 14" H)	550 x 500 mm (22" W x 20" H)	700 x 500 mm (28" W x 20" H) min. clamping width 165 mm (6.5")	700 x 560 mm (28" W x 22" H) min. clamping width 85 mm (3")	1000 x 1000 mm (40" W x 40" H) min. clamping width 570 mm (22.5")
BLADE SPEED		20 to 100 m/min (65 to 330 fpm) (INVERTER)	17, 25, 35, 45, 65, 75 m/min (55, 80, 115, 150, 180, 215, 250 fpm)	17, 25, 35, 45, 65, 75 m/min (55, 80, 115, 150, 180, 215, 250 fpm)	20 to 80 m/min (65 to 264 fpm) (INVERTER)	15 to 70 m/min (50 to 230 fpm) (INVERTER)
MOTOR	BLADE DRIVE	3.7 kW (5HP)	5.5 kW (7.5HP)	5.5 kW (7.5HP)	7.5 kW (10HP)	11.5 kW (15HP)
	HYDRAULIC PUMP	1.5 kW (2HP)	1.5 kW (2HP)	1.5 kW (2HP)	2.2 kW (3HP)	3.7 kW (5HP)
	COOLANT PUMP	0.1 kW (1/8HP)	0.2 kW (1/4HP)	0.2 kW (1/4HP)	0.2 kW (1/4HP)	0.2 kW (1/4HP)
BLADE SIZE		4420 x 34 x 1.1 mm (174" x 1.3" x 0.043")	4880 x 41 x 1.3 mm (192" x 1.6" x 0.05")	5450 x 41 x 1.3 mm (214.6" x 1.6" x 0.05")	6800 x 54 x 1.6 mm (267" x 2.1" x 0.063")	8800 x 67 x 1.6 mm (346 1/2" x 2 5/8" x 0.063")
BLADE TENSION		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
INDEX LENGTH		-	-	-	300 mm (11.8")	500 mm (20")
MACHINE WEIGHT		1650 kgs (3630 lbs)	2100 kgs (4620 lbs)	2400 kgs (5280 lbs)	4200 kgs (9240 lbs)	9500 kgs (20900 lbs)
FLOOR SPACE (L X W)		2500 x 1500 mm (98.4" x 59")	2550 x 1900 mm (98.4" x 74.8")	2700 x 2000 mm (106.3" x 78.7")	3700 x 2200 mm (145.6" x 86.6")	4150 x 2280 mm (163.5" x 90")

Model		H-1300	H-1613	H-1616	H-1816	H-2116
CAPACITY	●	1300 mm (52")	1300 mm (52")	1600 mm (63")	1600 mm (63")	1600 mm (63")
	■	1300 x 1300 mm (52" W x 52" H) min. clamping width 570 mm (22.5")	1600 x 1300 mm (63" W x 52" H) min. clamping width 710 mm (27.5")	1600 x 1600 mm (63" W x 63" H) min. clamping width 600 mm (23.6")	1800 x 1600 mm (71" W x 63" H) min. clamping width 600 mm (23.6")	2100 x 1600 mm (82.7" W x 63" H) min. clamping width 600 mm (23.6")
BLADE SPEED		15 to 70 m/min (50 to 230 fpm) (INVERTER)		12 to 60 m/min (40 to 200 fpm) (INVERTER)		
MOTOR	BLADE DRIVE	15 kW (20HP)		15 kW (20HP)		
	HYDRAULIC PUMP	3.7 kW (5HP)		5.5 kW (7.5HP)		
	COOLANT PUMP	0.2 kW (1/4HP)		0.4 kW (1/2HP)		
BLADE SIZE		12300 x 80 x 1.6 mm (484" x 3" x 0.063")	13000 x 80 x 1.6 mm (511" x 3" x 0.063")	15500 x 80 x 1.6 mm (484" x 3" x 0.063")	15900 x 80 x 1.6 mm (626" x 3" x 0.063")	16500 x 80 x 1.6 mm (649.6" x 3" x 0.063")
BLADE TENSION		Hydraulic		Hydraulic		
INDEX LENGTH		600 mm (23.6") / 1800 mm (70.9") (Optional)		1800 mm (70.9")		
MACHINE WEIGHT		16000 kgs (35200 lbs) (600 mm)	20000 kgs (44000 lbs) (600 mm)	31500 kgs (69300 lbs)	33000 kgs (72600 lbs)	36000 kgs (79200 lbs)
FLOOR SPACE (L X W)		5600 x 2800 mm (220.5" x 110")	5950 x 2800 mm (234" x 110")	7350 x 4900 mm (289.3" x 192.9")	7610 x 4700 mm (299.6" x 185")	7920 x 4810 mm (311.8" x 189.3")

Model		H-8276V/T	H-1100V/T
CAPACITY	●	760 mm (30")	1000 mm (40")
	■	820 x 760 mm (32.3" W x 30" H) min. clamping width 285 mm (11.2")	1100 x 1000 mm (43.3" W x 40" H) min. clamping width 400 mm (15.7")
BLADE SPEED		15 to 75 m/min (50 to 250 fpm) (INVERTER)	
MOTOR	BLADE DRVE	7.5 kW (10HP)	11.5 kW (15HP)
	HYDRAULIC PUMP	2.2 kW (3HP)	3.7 kW (5HP)
	COOLANT PUMP	0.2 kW (1/4HP)	0.2 kW (1/4HP)
BLADE SIZE		8000 x 54 x 1.6 mm (315" x 2" x 0.063")	11100 x 80 x 1.6 mm (437" x 3" x 0.063")
BLADE TENSION		Hydraulic	
INDEX LENGTH		500 mm (20") (V) ; 400 mm (15.7") (T)	500 mm (20")
MACHINE WEIGHT		7000 kgs (15400 lbs)	14000 kgs (30800 lbs)
FLOOR SPACE (L X W)		4100 x 2200 mm (161.4" x 86.6")	5070 x 2650 mm (199.6" x 104.3")

## STANDARD FEATURES

- Idler wheel motion detector with blade stalling and breakage shut-off
- Work light
- Hydraulic clamping system with carbide blade guide (Except for H-360SA)
- PLC control for all electric and hydraulic functions
- Cutting fluid & flushing hose for machine cleaning
- One set of bi-metal saw blade
- One set of tools with tool box

## OPTIONAL EQUIPMENT

- Independent electric cabinet and control panel
- Automatic chip conveyor
- Out of square stop device
- Variable blade speed controlled by inverter
- Dead roller table (2M/3M long)
- Power roller table (2M/3M long)
- Depth control device
- Variable vise pressure
- Powered movable guide arm with hydraulic lock
- Saw frame return height setting
- Power driven wire brush
- Hydraulic shuttle table feeding (Except for V type)
- Infeed and outfeed clamped at both sides of saw blade

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