



EVERISING MACHINE CO.

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# SEMI-AUTOMATIC BILLET SAW



ISO9001 CE


## Anti-Vibration Roller (H-1010~H-2116)


- 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

SERIES

### 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



760 - 1000 mm



820 - 1100 mm (width)



V TYPE: Hydraulic Vise Feeding  
T TYPE: Hydraulic Shuttle Table Feeding



# A NEW STANDARD IN BAND SAW BLADE CUTTING



## 1 Powered Movable Guide Arm (except H-360SA / H-5550 / H-7050)

- 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 (except H-5550 / H-7050)

- The sawblade running speed is controlled via a frequency inverter. Blade speed is adjusted by turning regulation knob on the control panel.



#### 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 (H-8276V~H-1100V) (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 (H-360SA~H-1010, except H-8276V/T)

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

# H SERIES

Model		H-360SA	H-5550
CAPACITY	●	360 mm (14")	500 mm (20")
	■	360 x 360 mm (14" W x 14" H)	550 x 500 mm (22" W x 20" H)
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)
MOTOR	BLADE DRIVE	3.7 kw (5HP)	5.5 kw (7.5HP)
	HYDRAULIC PUMP	1.5 kw (2HP)	1.5 kw (2HP)
	COOLANT PUMP	0.1 kw (1/8HP)	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")
BLADE TENSION		Hydraulic	Hydraulic
INDEX LENGTH		-	-
MACHINE WEIGHT		1650 kgs (3630 lbs)	2100 kgs (4620 lbs)
FLOOR SPACE (L X W)		2500 x 1500 mm (98.4" x 59")	2550 x 1900 mm (98.4" x 74.8")

Model		H-1300	H-1613
CAPACITY	●	1300 mm (52")	1300 mm (52")
	■	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")
BLADE SPEED		15 to 70 m/min. (50 to 230 fpm) (INVERTER)	
MOTOR	BLADE DRIVE	15 kw (20HP)	
	HYDRAULIC PUMP	3.7 kw (5HP)	
	COOLANT PUMP	0.2 kw (1/4HP)	
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")
BLADE TENSION		Hydraulic	
INDEX LENGTH		600 mm (23.6") / 1800 mm (70.9")(Optional)	
MACHINE WEIGHT		16000 kgs (35200 lbs)(600 mm)	20000 kgs (44000 lbs)(600 mm)
FLOOR SPACE (L X W)		5600 x 2800 mm (220.5" x 110")	5950 x 2800 mm (234" x 110")

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 DRIVE	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")

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

## SPECIFICATION

H-7050	H-7056	H-1010
500 mm (20")	560 mm (20")	1000 mm (40")
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")
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)
5.5 kw (7.5HP)	7.5 kw (10HP)	11.5 kw (15HP)
1.5 kw (2HP)	2.2 kw (3HP)	3.7 kw (5HP)
0.2 kw (1/4HP)	0.2 kw (1/4HP)	0.2 kw (1/4HP)
450 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")
Hydraulic	Hydraulic	Hydraulic
-	300 mm (11.8")	500 mm (20")
2400 kgs (5280 lbs)	4200 kgs (9240 lbs)	9500 kgs (20900 lbs)
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")

H-1616	H-1816	H-2116
1600 mm (63")	1600 mm (63")	1600 mm (63")
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")
	12 to 60 m/min. (40 to 200 fpm) (INVERTER)	
	15 kw (20HP)	
	5.5 kw (7.5HP)	
	0.4 kw (1/2HP)	
5500 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")
	Hydraulic	
	1800 mm (70.9")	
31500 kgs (69300 lbs)	33000 kgs (72600 lbs)	36000 kgs (79200 lbs)
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")

## STANDARD FEATURES

- ▮ Idler wheel motion detector with blade stalling and breakage shut-off
- ▮ Power driven wire brush
- ▮ Saw frame height selector gauge
- ▮ Work light
- ▮ Hydraulically clamped carbide blade guide system (except H-360SA)
- ▮ Hydraulic shuttle table feeding (except V Type)
- ▮ Powered movable guide arm with hydraulic lock (except H-360SA, H-5550, H-7050, H-7056)
- ▮ Hydraulically controlled dual-vise full stroke clamping system
- ▮ Variable blade speed controlled by inverter (except H-5550, H-7050)
- ▮ PLC control for all electric and hydraulic functions
- ▮ Hydraulic blade tension (except H-360SA, H-5550, H-7050)
- ▮ Independent electric cabinet and control panel (except H-360SA, H-5550, H-7056)
- ▮ Cutting fluid flushing hose for machine cleaning
- ▮ One set of bi-metal saw blade
- ▮ One set of tools and tool box

## OPTIONAL EQUIPMENT

- ▮ Automatic chip conveyor only for H-360SA, H-5550, H-7050, H-7056
- ▮ Inverter for H-5550, H-7050
- ▮ Out of square detector
- ▮ Dead roller table 2M/3M long
- ▮ Power roller table 2M/3M long
- ▮ Variable vise pressure
- ▮ Downspeed display



***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>