EVERISING

EVERISING MACHINE CO.

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FULLY AUTOMATIC BAND SAW

ISO9001 CE

FULLY AUTOMATIC SOLUTION FOR HIGH PRECISION CUTTING!

S SERIES

S-250HB~460HB

250 - 460 mm

300 - 460 mm (Width)

- Pivot type construction.
- Saw frame raising/lowering controlled by single lifting cylinder.
- Hydraulic blade tension.
- Shuttle type automatic feed.

H SERIES

H-HA

H-360HA~560HA

360 - 560 mm

360 - 615 mm (Width)

- Column type construction.
- Cylinder with auxiliary square post design.
- Outstanding heavy duty cutting.

H SERIES H-HB

H-260HB~460HB

260 - 460 mm

310 - 500 mm (Width)

- Double column type construction.
- Outstanding heavy duty cutting.

H SERIES H-HANC + NC SERIES NC-HA

H-700HANC

700 mm

800 mm (Width)

- Column type construction.
- Guide arm travels on guideways.
- Manual adjustment for material selection, cutting rate and speed.

NC-700HA / H-800HANC / H-1070HANC H-1100HANC

700 - 1000 mm

800 - 1100 mm (Width)

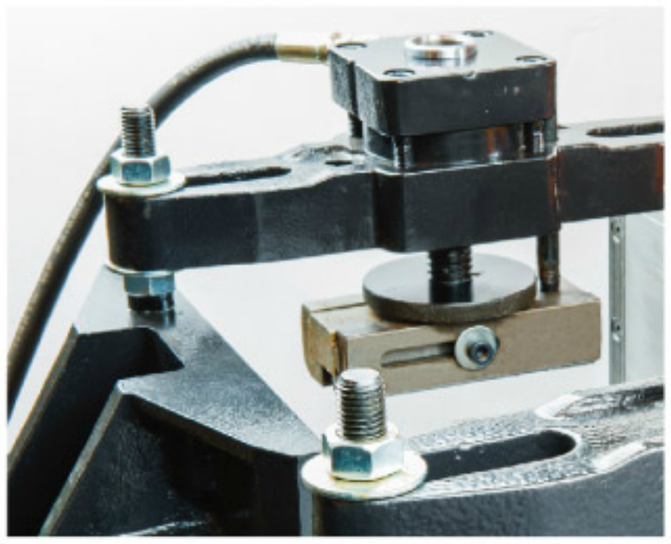
- Column type construction.
- Guide arm travels on linear guideways.
- Machine design suitable for using TCT saw blade.
- Extreme duty transmission.
- Auto trim cut and initial cut positioning.

DOUBLE COLUMN
HB Type:
H-260HB / H-360HB / H-460HB

The newly designed HB model offers double column saw frame. Compared to the single column model with an auxiliary square post, the HB model provides higher stability in saw frame downfeed with high cutting performance.

Cylinder with One Auxiliary Post

The design of cylinder with one auxiliary post allows for lifting the saw frame to achieve maximum stability, making the machine excellent for heavy duty cutting.



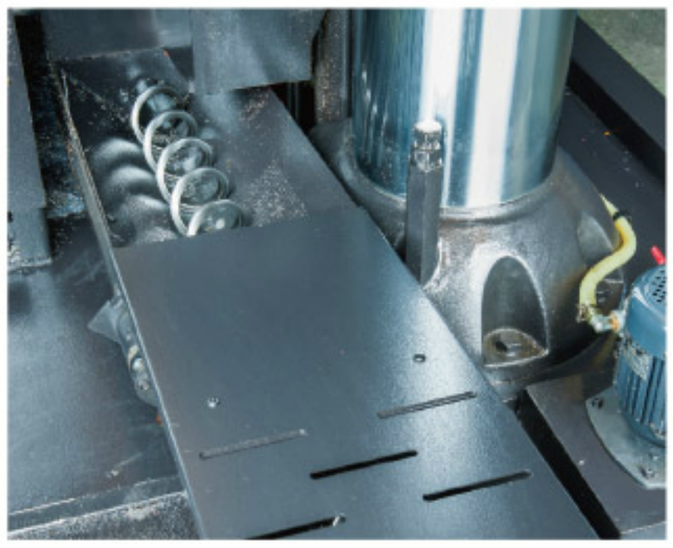
Hold-down Device

- For bundle cutting, the hold-down device avoids material loosening while offering stable cutting quality.
- For S-250HB~H-460HB

Linear Guideways

- The guide arm travels on linear guideways for greater stability during cutting.
- For cutting size over 700mm diameter.

Blade Breakage Detector
If any blade breakage occurs during cutting, the machine will automatically stop to ensure safety of operator and machine.



Automatic Chip Conveyor
The device delivers chips to a tank located at the outside of the machine. This helps to maintain a clean interior for the machine while saving time in manual chip removal.

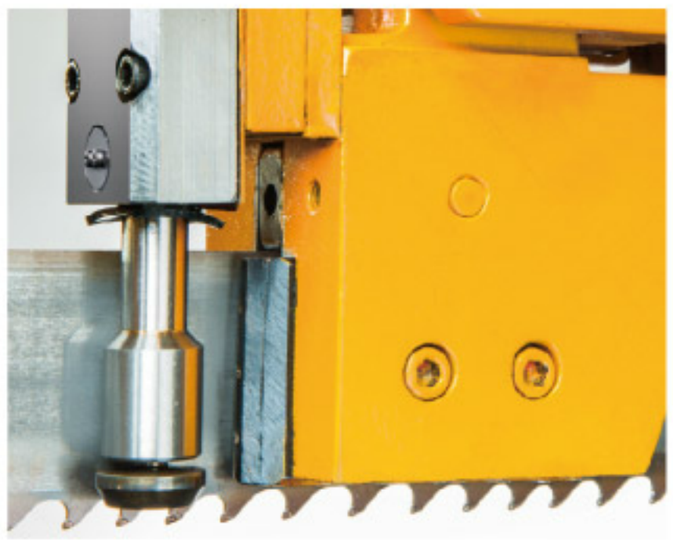
Easy Operating Control Panel
- User friendly NC touch screen control with self-diagnostic system.
- Hydraulic system and electric devices are controlled by PLC.

Hydraulic Blade Tension
The saw blade tension is controlled by hydraulic power, allowing the saw blade to maintain a proper tension at all times.

Dual Vise
The machine equips a hydraulic full stroke dual vise clamping system.

Automatic Tracking Blade Guide
- The guide arm is moving together with vise without any manual adjustment of its position.
- For cutting size over 700mm diameter.

Anti-vibration Roller
- The anti-vibration roller is designed to eliminate cutting vibration while extending the saw blade lifetime.
- The anti-vibration roller and the saw blade clamp is adjusted automatically by hydraulic.
- For NC-700HA / H-800HANC / H-1070HANC / H-1100HANC.



Out of Square Detector (Option)
The out of square detecting value can be set. Once the detecting value exceeds the setting value, machine stops automatically.

Automatic Adjusting Dual Wire Brushes Device (Option)
- The dual wire brushes increases chip removal effect and prevents chips from adhering to saw blade, leading to longer saw blade lifetime.
- For NC-700HA / H-800HANC / H-1070 HANC / H-1100HANC models.

Power Driven Wire Brush
The wire brush provides continuous saw blade cleaning and prevents chips from entering into the circulated cutting path, ensuring cutting smoothness and extending saw blade lifetime.

* Features are base on price list.

S SERIES

Model		S-250HB	S-300HB	S-4
CAPACITY	●	250 mm (10")	300 mm (12")	420 m
	■	300 x 250 mm (12"W x 10"H)	300 x 250 mm (12"W x 10"H)	420 x 420 mm
BUNDLE CUTTING	WIDTH	145 to 190 mm (5.7" to 7.5")	145 to 230 mm (5.7" to 9")	195 to 300
	HEIGHT	30 to 120 mm (1.2" to 4.5")	30 to 130 mm (1.2" to 5")	90 to 200 r
BLADE SPEED		20 to 100 m/min (65 to 330 fpm)(INVERTER)		
MOTOR	BLADE DRIVE	3.7 kW (5HP)		
	HYDRAULIC PUMP	0.75 kW (1HP)		
	COOLANT PUMP	0.1 kW (1/8HP)		
BLADE SIZE		3505 x 34 x 1.1 mm (138" x 1.3" x 0.042")	3820 x 34 x 1.1 mm (150" x 1.3" x 0.042")	4570 x 41 x 1.3 m
BLADE TENSION		Hydraulic		
INDEX LENGTH		400 mm (16") 400 mm x 9 times (16" x 9)		
MACHINE WEIGHT		1460 kg (3215 lb)	1550 kg (3417 lb)	2360 kg
FLOOR SPACE (L X W)		2100 x 2200 mm (82.6" x 86.6")	2100 x 2200 mm (82.6" x 86.6")	2590 x 2180 r

H-HA SERIES

Model		H-360HA	H-460HA	H-560HA
CAPACITY	●	360 mm (14")	460 mm (18")	560 mm (22")
	■	360 x 360 mm (14"W x 14"H)	500 x 460 mm (20"W x 18"H)	615 x 560 mm (24.2"W x 22"H) min. clamping width 110 mm (4.3")
BUNDLE CUTTING	WIDTH	180 to 280 mm (7" to 11")	195 to 310 mm (8" to 12")	-
	HEIGHT	50 to 160 mm (2" to 6")	120 to 230 mm (5" to 9")	-
BLADE SPEED		20 to 100 m/min (65 to 330 fpm) (INVERTER)		18 to 90 m/min (60 to 300 fpm) (INVERTER)
MOTOR	BLADE DRIVE	3.7 kW (5HP)	5.5 kW (7.5HP)	7.5 kW (10HP)
	HYDRAULIC PUMP	1.5 kW (2HP)	1.5 kW (2HP)	2.2 kW (3HP)
	COOLANT PUMP	0.1 kW (1/8HP)	0.2 kW (1/4HP)	0.2 kW (1/4HP)
BLADE SIZE		4420 x 34 x 1.1 mm (174" x 1.3" x 0.042")	5450 x 41 x 1.3 mm (215" x 1.6" x 0.05")	6600 x 54 x 1.6 mm (260" x 2.1" x 0.0632")
BLADE TENSION		Hydraulic		
INDEX LENGTH		500 mm (20") 500 mm x 9 times (20" x 9)		400 mm (16") 400 mm x 9 times (16" x 9)
MACHINE WEIGHT		2000 kg (4410 lb)	2700 kg (5950 lb)	4500 kg (9920 lb)
FLOOR SPACE (L X W)		2500 x 2200 mm (98" x 87")	2820 x 2190 mm (111" x 86")	3400 x 2190 mm (134" x 86")

H-HANC+NC-HA SERIES

Model		H-700HANC	NC-700HA
CAPACITY	●	700 mm (28")	700 mm (28")
	■	800 x 700 mm (31.5"W x 28"H) min. clamping width 285 mm (11.2")	800 x 700 mm (31.5"W x 28"H) min. clamping width 285 mm (11.2")
BLADE SPEED		15 to 75 m/min (50 to 250 fpm) (INVERTER)	15 to 90 m/min (50 to 300 fpm) (INVERTER)
MOTOR	BLADE DRIVE	7.5 kW (10 HP)	11.2 kW (15HP)
	HYDRAULIC PUMP	2.2 kW (3 HP)	3.7 kW (5HP)
	COOLANT PUMP	0.2 kW (1/4 HP)	0.4 kW (1/2HP)
BLADE SIZE		8000 x 54 x 1.6 mm (315" x 2.1" x 0.063")	8300 x 67 x 1.6 mm (327" x 2.63" x 0.063")
BLADE TENSION		Hydraulic	Hydraulic
INDEX LENGTH		500 mm (20") NC control	500 mm (20") NC control
MACHINE WEIGHT		7000 kg (15400 lb)	7000 kg (15400 lb)
FLOOR SPACE (L X W)		4100 x 2300 mm (161.4" x 90.5")	4100 x 2300 mm (161.4" x 90.5")

SPECIFICATION

400HB	S-460HB
mm (16.5")	460 mm (18")
(16.5"W x 16.5"H)	460 x 460 mm (18"W x 18"H)
mm (8" to 12")	195 to 350 mm (8" to 14")
mm (3.5" to 8")	125 to 230 mm (5" to 9")
20 to 100 m/min (65 to 330 fpm) (INVERTER)	
5.5 kW (7.5HP)	
1.5 kW (2HP)	
0.2 kW (1/4HP)	
m (180" x 1.6" x 0.05")	4670 x 41 x 1.3 mm (184" x 1.6" x 0.05")
Hydraulic	
500 mm (20")	
500 mm x 9 times (20" x 9)	
g (5190 lb)	2400 kg (5260 lb)
mm (102" x 85.8")	2645 x 2180 mm (104.1" x 85.8")

STANDARD FEATURES

- Shuttle type automatic feed.
- P.L.C. control for all electric and hydraulic function.
- Hydraulically controlled full stroke dual vise clamping system.
- Floating shuttle vise system.
- Infinitely variable speed control by inverter.
- Hydraulic blade tensioning.
- Roller bearing with carbide blade guide system.
- Preset cut counter with shut off.
- Out of stock shut off.
- Idler wheel motion detector with blade stalling and breakage shut off.
- Flushing hose for machine cleaning.
- Work light
- One M42 bi-metal saw blade.
- One set of tools and tool box.

H-HB SERIES

Model		H-260HB	H-360HB	H-460HB
CAPACITY	●	260 mm (10.25")	360 mm (14")	460 mm (18")
	■	310 x 260 mm (12"W x 10.25"H)	360 x 360 mm (14"W x 14"H)	460 x 460 mm (18"W x 18"H)
BUNDLE CUTTING	WIDTH	145 to 190 mm (6" to 8")	180 to 280 mm (7" to 11")	195 to 310 mm (8" to 12")
	HEIGHT	30 to 130 mm (1.2" to 5")	50 to 160 mm (2" to 6")	120 to 230 mm (5" to 9")
BLADE SPEED		20 to 100 m/min (65 to 330 fpm) (INVERTER)		
MOTOR	BLADE DRIVE	3.7 kW (5HP)	3.7 kW (5HP)	5.5 kW (7.5HP)
	HYDRAULIC PUMP	0.75 kW (1HP)	1.5 kW (2HP)	1.5 kW (2HP)
	COOLANT PUMP	0.1 kW (1/8HP)	0.1 kW (1/8HP)	0.2 kW (1/4HP)
BLADE SIZE		3920 x 34 x 1.1 mm (155" x 1.3" x 0.042")	4420 x 34 x 1.1 mm (174" x 1.3" x 0.042")	5450 x 41 x 1.3 mm (215" x 1.6" x 0.05")
BLADE TENSION		Hydraulic		
INDEX LENGTH		400 mm (16") 400 mm x 9 times (16" x 9)	500 mm (20") 500 mm x 9 times (20" x 9)	
MACHINE WEIGHT		1750 kg (3860 lb)	2310 kg (5100 lb)	3030 kg (6700 lb)
FLOOR SPACE (L X W)		2170 x 2100 mm (85" x 83")	2500 x 2200 mm (98" x 87")	2820 x 2190 mm (111" x 86")

H-800HANC	H-1070HANC	H-1100HANC
800 mm (31.5") 800 x 800 mm (31.5"W x 31.5"H) min. clamping width 285 mm (11.2")	700 mm (28") 1000 x 700 mm (40"W x 28"H) min. clamping width 585 mm (23")	1000 mm (40") 1100 x 1000 mm (43.3"W x 40"H) min. clamping width 400 mm (15.7")
15 to 90 m/min (50 to 300 fpm) (INVERTER)	15-80 m/min (50-265 fpm) (INVERTER)	15 to 75 m/min (50 to 250 fpm) (INVERTER)
11.2 kW (15 HP)	11.2 kW (15 HP)	11.2 kW (15HP)
3.7 kW (5 HP)	3.7 kW (5 HP)	3.7 kW (5HP)
0.4 kW (1/2 HP)	0.4 kW (1/2 HP)	0.4 kW (1/2HP)
8720 x 67 x 1.6 mm (343.5" x 2.63" x 0.063")	8800 x 67 x 1.6 mm (346.5" x 2.63" x 0.063")	11100 x 80 x 1.6 mm (437" x 3" x 0.063")
Hydraulic	Hydraulic	Hydraulic
500 mm (20") NC control	500 mm (20") NC control	500 mm (20") NC control
7600 kg (16720 lb)	8500 kg (18700 lb)	14000 kg (30800 lb)
4100 x 2300 mm (161.4" x 90.5")	4500 x 2300 mm (177" x 90.5")	5150 x 2715 mm (203" x 107")

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

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