



HS

**DOUBLE COLUMN HEAVY
DUTY SEMI-AUTOMATIC
HORIZONTAL BANDSAWS**



DOUBLE COLUMN HEAVY DUTY SEMI-AUTOMATIC HORIZONTAL BANDSAWS

QUALITY DESIGN—Skillful engineering and imaginative design give every MEGA Band Saw exceptional cutting capacity.

- An excellent blade tensioning system and guides keep the blade aligned and under constant load at all times.
- A hydraulically controlled cutting feed maintains a constant cutting rate regardless of the workpiece cross section.
- A power-driven brush continually flushed by a cutting fluid spout keeps the blade and saw guides free of chips for smoother cutting.
- A quick approach and normal feed rate selector are equipped to cause the blade to quickly descend into position.

SAFETY DESIGN—Every MEGA Band Saw is factory equipped with:

- Safety and thermal overload switches.
- Well guarded blades and wheel covers.
- Saw Blade shuts off automatically when cutting is complete.
- Low voltage & zero voltage controls.
- A blade breakage sensor/motion detector provides automatic shutoff.



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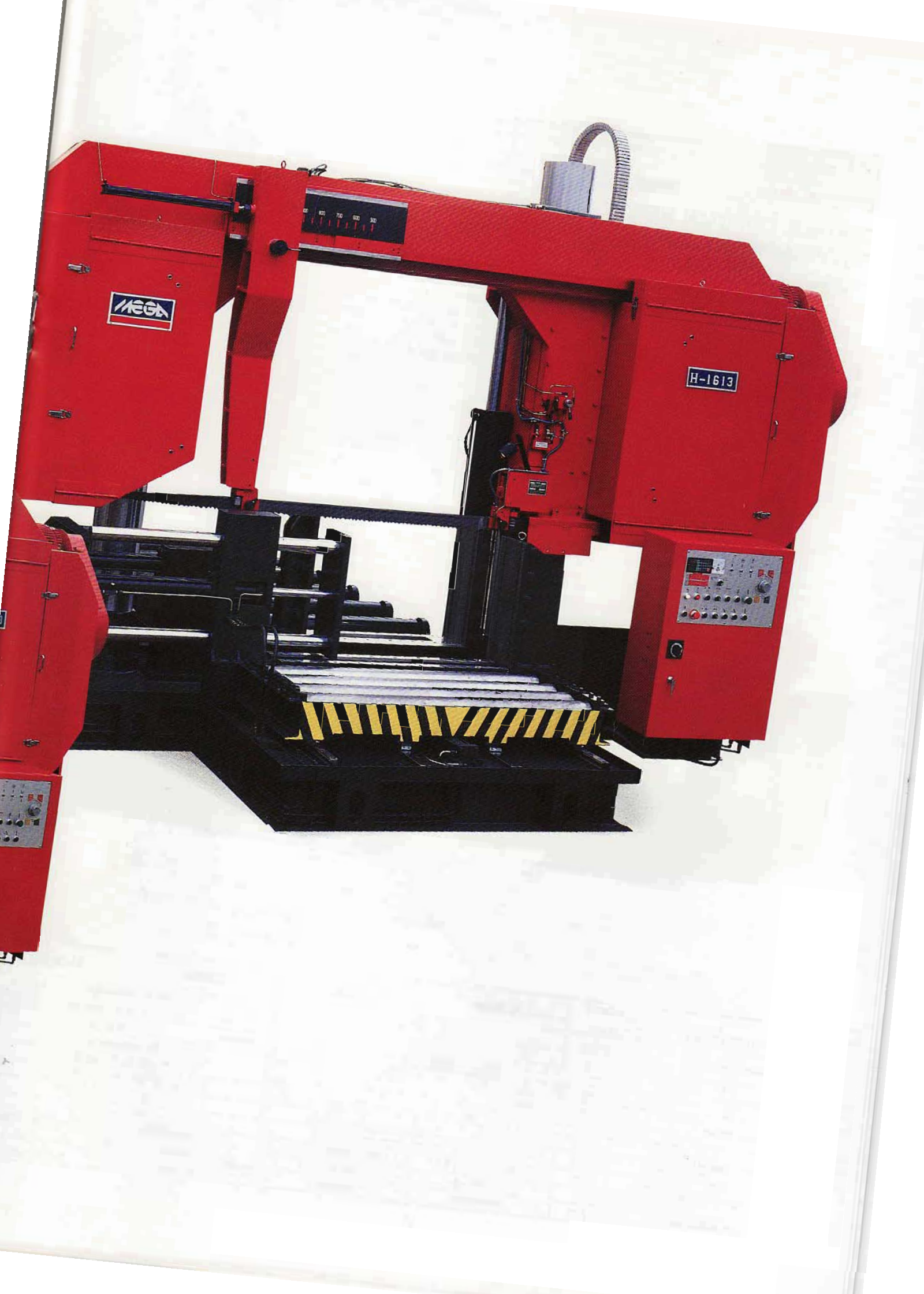






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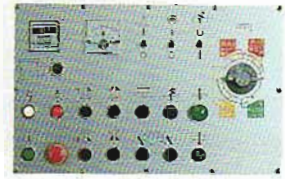
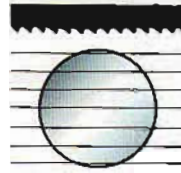
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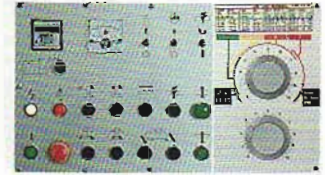
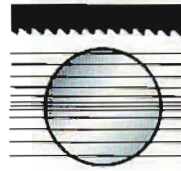
MODEL		S-600	H-600	S-800	H-800
SPECIFICATIONS					
	Cutting Capacity	{mm} $\varnothing 600$ $\square 600 \times 600$ {in} $\varnothing 24"$ $\square 24" \times 24"$		$\varnothing 750$ $\square 1850 \times 750$ $\varnothing 29.5"$ $\square 33.5" \times 29.5"$	
Blade Size	{mm}	7600 x 50 x 1.6		8128 x 50 x 1.6	
	{in}	299 x 2 x 0.063		320 x 2 x 0.063	
Blade Speed	{M}	12, 17, 29, 41, 53, 65		12, 17, 29, 41, 53, 65	
	{ft}	39, 55, 95, 135, 174, 213		39, 55, 95, 135, 174, 213	
Motor Output	{KW}	7.5main 2.2hyd.		7.5main 2.2hyd.	
	{Hp}	10main 3hyd.		10main 3hyd.	
Shipping volume	{mm}	3750 x 2100 x 2700	3750 x 2600 x 2700	3950 x 2300 x 2750	3950 x 2700 x 2750
	{ft}	12.3 x 6.9 x 8.9	12.3 x 8.5 x 8.9	13 x 7.5 x 9	13 x 8.9 x 9
Weight Net/Gross	{kg}	5500/6500	7000/8000	6300/7400	8000/9050

TWO DIFFERENT CONTROL SYSTEMS AS PICTURES DEMONSTRATED BELOW ARE OPTIONAL AVAILABLE. PLEASE ASK FOR FULL DETAILS OF A MODEL SUITED TO YOUR PARTICULAR CUTTING REQUIREMENTS.

1. STANDARD CUTTING FEEDRATE SYSTEM.



2. AMPLIFYING VALVE FOR AUTO ADJUSTING OPTIMIZED CUTTING FEEDRATE SYSTEM. (OPTIONAL AVAILABLE ON ALL MODELS)



S-1080

H-1080

H-1100

H-1300

H-1613

Ø 800 □ 1000 × 800 × 1000 × 1000 × 380L

Ø 31.5 □ 40" × 31" 40" × 40" × 14"L

8800 × 65 × 1.6

346 × 2.5 × 0.063

12, 17, 29, 41, 53, 65

39, 55, 95, 135, 174, 213

11main 2.2hyd.

15main 3hyd.

4440 × 2520 × 3200

14.6 × 8.2 × 10.6

7500/8600

Ø 1100 1100 × 1100

Ø 43" 43" × 43"

10820 × 80 × 1.6

425.98 × 3.15 × 0.063

25, 32, 42, 55, 70, 80

82, 105, 138, 180, 230, 260

11main 2.2hyd.

15main 3hyd.

5150 × 2205 × 3450

16.9 × 7.23 × 11.3

13500 × 14700

Ø 1300 □ 1300 × 1300

Ø 51" □ 51" × 51"

12300 × 80 × 1.6

484.25 × 3.15 × 0.063

12-60(M)

39-197(ft)

15main 3.7hyd.

20main 5hyd.

5640 × 2205 × 3380

18.5 × 7.23 × 11.1

16000 × 17500

Ø 1300 □ 1600 × 1300

Ø 51.2" □ 63" × 51.2"

12900 × 80 × 1.6

507.87 × 3.15 × 0.063

12-60(M)

39-197(ft)

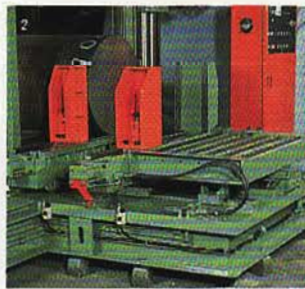
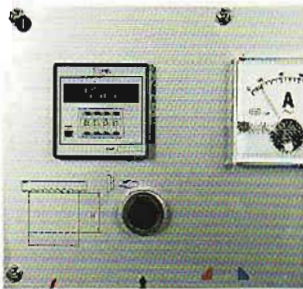
15main 3.7hyd.

20main 5hyd.

5940 × 2205 × 3380

19.5 × 7.23 × 11.1

18200 × 19700

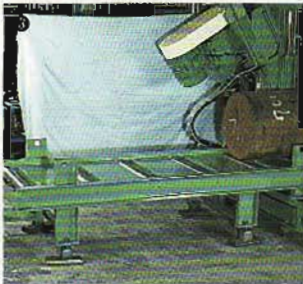


1. PRECISE DIGITAL COUNTER FOR CUT DEPTH CUTTING. CUTTING DEPTH CAN BE SET BY THIS COUNTER.

Setting range from 0.1mm-999.9mm
Increment 0.10mm.
The machine will be stopped automatically after reach set number (set cutting depth).
(Standard on H types)

2. HYDRAULIC SHUTTLE VISE FOR STOCK FEEDING.

There is a hydraulic shuttle vise at the front of machine for loading and unloading of the workpiece. While positioning the workpiece for cutting, the shuttle vise can be operated simultaneously or separately with motor and chain drive roller table.
(Standard on H types)

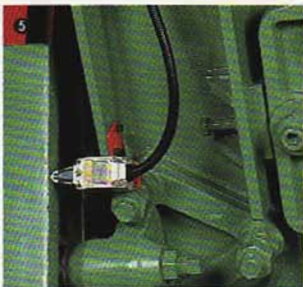


3. MOTOR AND CHAIN DRIVE ROLLER TABLE.

There is a Motor and chain drive roller table at the rear side of the machine for loading and unloading of the workpiece. While positioning the workpiece for cutting, the Motor and chain drive roller table can be operated simultaneously or separately with Hydraulic shuttle vise.
(Standard on H types)

4. CARBIDE GUIDES WITH HYDRAULIC CONTROL.

Carbide guides and guide arm are hydraulically operated ensure precise saw blade alignment, and easy operation for blade change.
(Standard on both H & S types)

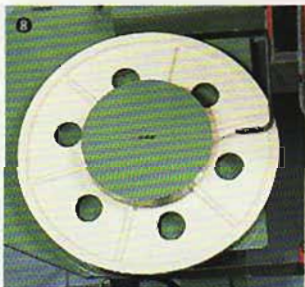
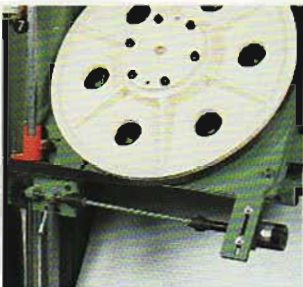


5. AUTO HEAD-ELEVATION AFTER COMPLETE A CUT

There is a selector switch at the control panel for setting the Auto head-elevation. The operator can choose whether to let the machine stop at the bottom position or raising the saw frame to the preset height after finish a cut.
(Standard on both H & S types)

6. HYDRAULIC BLADE TENSION CONTROL.

During operation of the saw the correct tension is automatically maintained. The tension is reduced when the saw is shut-off. This procedure greatly increase blade service life.
(Standard on both H & S types)



7. POWER DRIVEN BLADE CLEANING BRUSH AND COOLANT CLEANING FLUSH HOSE.

The machine is equipped with power driven blade cleaning brush to ensure smooth cutting, and there is a coolant cleaning flush hose for machine cleaning.
(Standard on both H & S types)

8. IDLE WHEEL MOTION DETECTOR FOR BLADE JAM/BREAK SHUT-OFF.

This device not only can protect the saw blade from damage if the blade overloads during cutting, but will also shutoff the machine if the blade should break.
(Standard on both H & S types)

Standard Features (S-600/800/1080 models)

- Power-driven blade cleaning brush and coolant cleaning flush hose.
- Idle wheel motion detector for blade jam/break shut-off.
- Carbide guides suitable for bimetal and carbide tipped bands.
- Hydraulic quick acting vise jaw for stock clamping.
- Double vise jaws design, vise jaws clamp the material on both side of the saw-blade.
- Manual floating roller stock feed.
- Hydraulic blade tension control.

Standard Features (H-600/800/1080/1100/1300/1613 models)

- Precise digital counter for cut depth setting.
- Auto head-elevation after complete a cut.
- Power-driven blade cleaning brush and coolant cleaning flush hose.
- Idle wheel motion detector for blade jam/break shut-off.
- Carbide guides with hydraulic control.
- Hydraulic quick acting vise jaw for stock clamping.
- Hydraulic shuttle vise for stock feeding.
- Motor and chain drive roller table.
- Hydraulic blade tension.

Optional Accessories

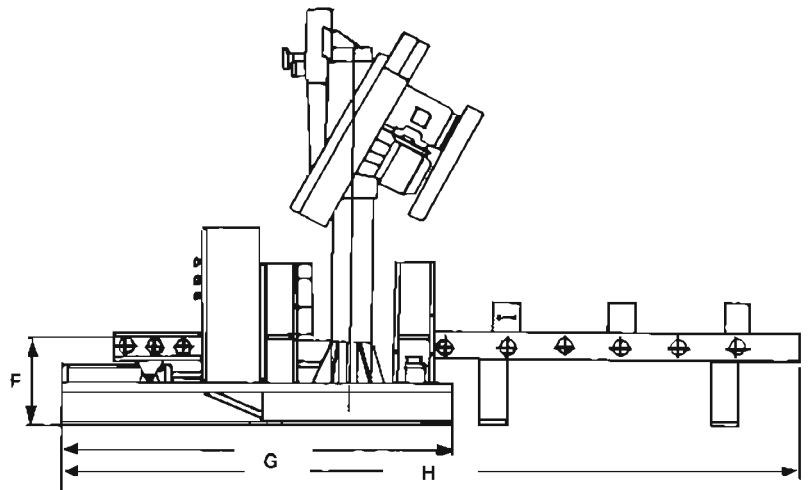
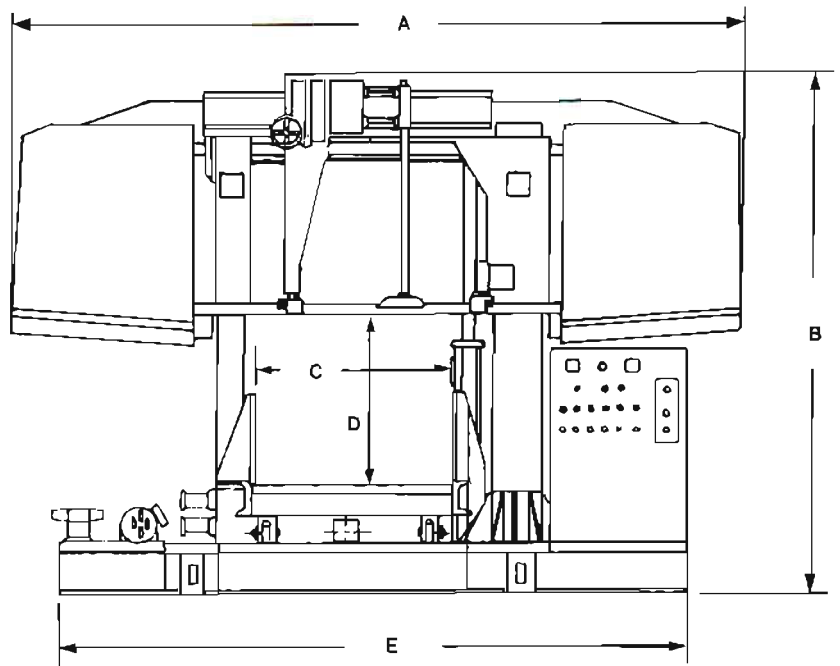
1. Automatic chip conveyor.
2. Variable blade-speed drive.
3. Variable vise pressure system.
4. Amplifying valve for auto-adjusting cutting feed-rate.

Standard Accessories (S-600/800/1080 models)

1. Tool with tool box..... 1 set
2. 10 FT (3.3M) long heavy duty roller table..... 1 set
3. Band-Cleaning wire brush..... 2 pcs
4. Band saw blade..... 1 pc
5. Instruction Manual and parts list..... 1 copy

Standard Accessories (H-600/800/1080/1100/1300/1613 models)

1. Tool with tool box..... 1 set
2. 10 FT (3.3M) long Motor and chain drive roller table..... 1 Set
3. Band-Cleaning wire brush..... 2 pcs
4. Band saw blade..... 1 pc
5. Instruction manual and parts list..... 1 copy



MODEL/SPEC	A	B	C	D	E	F	G	H
S-600	3550	2400	625	650	2900	600	1700	5000
	139.8"	94.5"	24.6"	25.6"	114.2"	23.6"	66.9"	196.9"
H-600	3550	2550	625	650	2900	600	2300	5600
	139.8"	100.4"	24.6"	25.6"	114.2"	23.6"	90.6"	220.5"
S-800	3810	2400	900	750	3350	600	1700	5000
	150.0"	94.5"	35.4"	29.5"	131.9"	23.6"	66.9"	196.9"
H-800	3810	2550	900	750	3350	600	2300	5600
	150.0"	100.4"	35.4"	29.5"	131.9"	23.6"	90.6"	220.5"
S-1080	4100	3070	1100	1070	3500	600	1700	5000
	161.4"	120.9"	43.3"	42.1"	137.8"	23.6"	66.9"	196.9"
H-1080	4100	3070	1100	1070	3500	600	2300	5600
	161.4"	120.9"	43.3"	42.1"	137.8"	23.6"	90.6"	220.5"
H-1100	5199	3436	1150	1150	4566	632	2200	6029
	204.7"	135.3"	45.3"	45.3"	179.8"	24.9"	86.6"	237.4"
H-1300	5300	3570	1350	1350	4310	610	2400	5700
	208.7"	140.6"	53.1"	53.1"	169.7"	24.0"	94.5"	224.4"
H-1613	5730	3837	1650	1370	5166	650	2600	6600
	225.6"	151.1"	65.0"	53.9"	203.4"	25.6"	102.4"	259.8"

• Specifications subject to change without notice for improvement and modification