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## **BLUE STEEL**

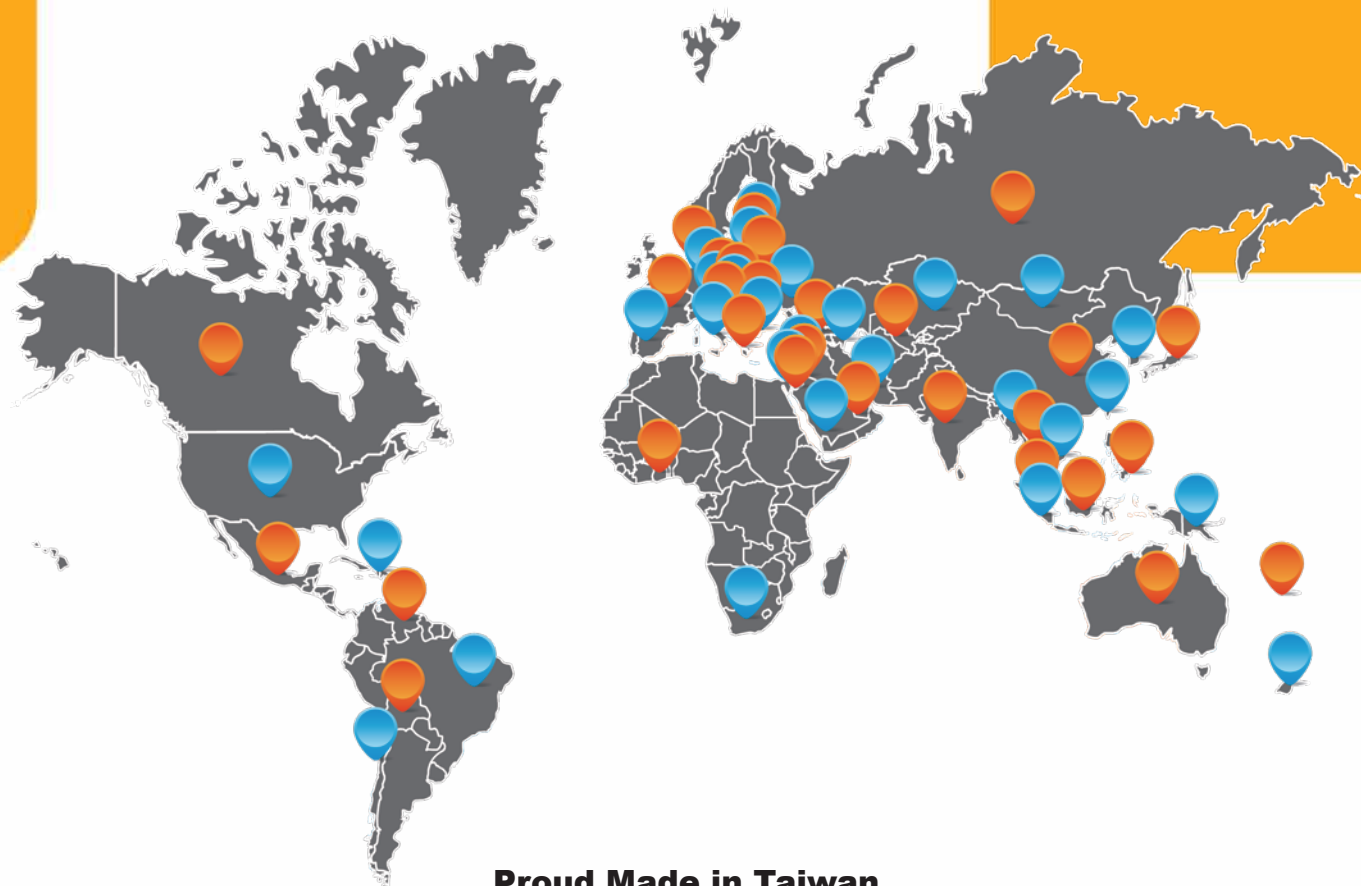
### **BLUE STEEL MACHINERY CO.**

86-10, Shen Ching Road, Ching Shui, Taiwan 43641

TEL : +886-4-2620-1608 FAX : +886-4-2620-0289

E-mail : [bsm168@ms62.hinet.net](mailto:bsm168@ms62.hinet.net)

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**Proud Made in Taiwan  
Selling Territories**

# Single, Twin Head Horizontal Band Resaw

High Speed and  
Accuracy in  
Cutting!

Your best choice  
for lumber  
processing needs.





# BLUE STEEL BAND RESAWS

Designed with Your Needs in Mind.

## Single, Twin

## Head Horizontal Band Resaw

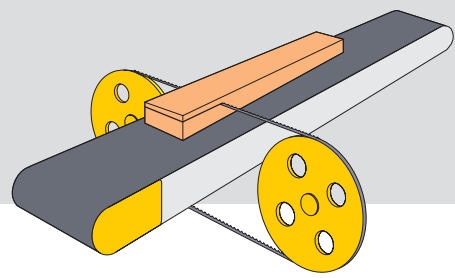
Whatever your requirements are, there is a Blue Steel Band Resaw designed and engineered to meet your needs. Each machine features high speed and accuracy in cutting, rugged construction throughout and minimum maintenance year after year. Every Blue Steel Band Resaw is a highly recognized machine, built with a tradition of design excellence that gives you higher efficiency and cutting quality.



- All Blue Steel Band Resaws are assembled by highly skilled technicians.







Specially designed for cutting parquet wood.

# Single Head Horizontal Band Resaw



## HP-11P

- Single saw head configuration.
- Motor powered set works for accurate saw wheel elevation.
- Digital position controller permits accurate saw wheel height positioning.
- Automatic blade tension is controlled by hydraulic cylinder.
- Variable feed speed by hydraulic motor drive.
- The big pressure roller is air cylinder loaded to hold wood down firmly.



▲ HP-11P



▲ HP-12



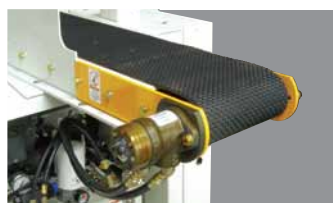
▲ HP-12E



**Extra Powerful Hydraulic System**  
The hydraulic system is specially designed with high pressure and high flow. It delivers great hydraulic power to the hydraulic motor for conveyor belt and blade tension system.

**Hydraulic Blade Tension**  
The saw blade tension is controlled by hydraulic cylinder for positive control at all times.

**Centralized Control Panel**  
All electrical controls of the machine are centralized on one control panel for convenience.



**Conveyor Drive Hydraulic Motor**  
The conveyor belt is driven by a high performance hydraulic motor. The adjustable feed speed feature allows flexibility to saw hard or soft wood.



**Three-way Ball Valve**  
The hydraulic circuit is equipped with a three-way ball valve, which helps eliminate high temperature problems on hydraulic systems.



**Powerful Saw Wheel Drive**

- The saw wheels are driven by a 20 horsepower motor, that transmit ample power to the saw blade. The powerful motor allows for heavy duty cutting.
- Siemens (or equivalent) saw wheel motor features maximum dependability.



**Saw wheel Elevation Motor**  
The saw wheel elevation is driven by motor, providing fast and convenient adjustment for thickness of cut.

## HP-12

- Single saw head configuration.
- Manual saw wheel elevation.
- Variable feed speed by hydraulic motor drive.
- Manual blade tension adjustment by a handle.



**Powerful Hydraulic System**  
The hydraulic system consists of high quality hydraulic parts, featuring long service life and low heat generation.



**Manual Blade Tension Control**

- The blade tension is adjusted by turning the tensioning handle.
- Large handle design facilitates blade tension adjustment.



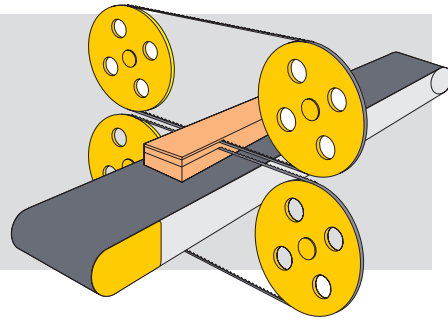
**Easy to Elevate Saw Wheels**

- Manual elevation of saw wheels is transmitted through a worm gear mechanism for easy operation.
- Both elevation screws are linked by a shaft to ensure synchronized elevation of saw wheels.

MODEL	HP-11P	HP-12	HP-12E	HP-12EP
<b>Max workpiece size (W x H)</b>	300 x 250 mm (12"x10")		300 x 250 mm (12"x10")	
<b>Distance from blade to conveyor table</b>	4-125 mm		4-125 mm	
<b>Conveyor belt size</b>	285x5480 mm (11-1/5"x215 3/4")		285x5480 mm (11-1/5"x215 3/4")	
<b>Saw wheel diameter</b>	ø28" x 1"(W)		ø28" x 1"(W)	
<b>Feed speed</b>	5 to 25 M/min		5 to 25 M/min	
<b>Saw blade size (L x W x T)</b>	4265 x 27x 0.90mm (168" x 1")		4265 x 27 x 0.90mm (168" x 1")	
<b>Saw wheel motor</b>	20 HP		20 HP	
<b>Hydraulic system motor</b>	3 HP		2 HP	Conveyor motor 2HP+1:30 speed reduce motor and 3HP inverter
<b>Gear box motor</b>	1/4 HP		-	
<b>Dust hood diameter</b>	ø4" x 4		ø4" x 4	
<b>Net weight</b>	950 kgs	950 kgs	950 kgs	950 kgs
<b>Packing dimensions</b>	2180 x 1120 x 1140 mm		2180 x 1120 x 1140 mm	
<b>Optional</b>	Inverter		Inverter	

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





# Twin Head Horizontal Band Resaw



## HP-66

- Two head saw head configuration.
- Motor powered set works for accurate saw wheel elevation.
- Digital position controllers permit accurate saw wheels height positioning.
- Automatic blade tension is controlled by hydraulic cylinder.
- Variable feed speed by hydraulic motor drive.

### ▲ HP-66



**Hydraulic Blade Tension**  
The saw blade tension is controlled by hydraulic cylinder for positive control at all times.



**Centralized Control Panel**  
All motion controls of the machine are centralized on a control panel for operation convenience.



**Saw wheel Elevation Motor**  
The top and bottom saw wheels elevations are driven by individual motors, providing fast and convenient adjustment for thickness of cut.



## HP-68

- Two head saw head configuration.
- Manual saw wheel elevation.
- Manual blade tension adjustment by two big handles.
- Variable feed speed by hydraulic motor drive.

### ▲ HP-68



#### Easy to Elevate Saw Wheels

- Manual elevation of saw wheels are transmitted through two worm gears mechanism for easy operation.
- Both elevation screws are linked by a shaft to ensure synchronized elevation of saw wheels.



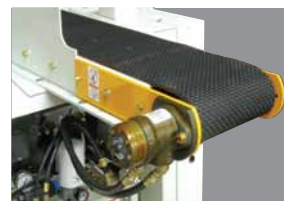
**Manual Blade Tension Control**  
• The blade tension is adjusted by turning the tensioning handle.  
• Large handle design facilitates blade tension adjustment.



**Centralized Control panel**  
All electrical controls of the machine are centralized on one control panel for operational convenience.



**Three-way Ball Valve**  
The hydraulic circuit is equipped with a three-way ball valve that eliminates high temperature problem on the hydraulic systems.



**Conveyor Drive Hydraulic Motor**  
The conveyor belt is driven by a high performance hydraulic motor. The adjustable feed speed feature allows flexibility to saw hard or soft wood.



**Well-Planned Control Circuit**  
The control circuit consists of top quality electronic components, featuring dependable control performance and long service life.



**Powerful Saw Wheel Drive**  
• The top and bottom saw wheels are driven by individual big horsepower motors, that transmit ample power to the saw blades. The powerful motors allows for heavy duty cutting.  
• Siemens (or equivalent) saw wheel motor features maximum dependability.

MODEL	HP-66	HP-66PB	HP-68
Max workpiece size (W x H)	300 x 250 mm (12"x10")		300 x 250 mm (12"x10")
Distance from upper blade to conveyor table	20~170 mm (3/4" x 6-3/4")		20~170 mm (3/4" x 6-3/4")
Distance from lower blade to conveyor table	5 to 125 mm	5 to 125 mm	5 to 125 mm
Distance between two blades	12 mm		12 mm
Conveyor belt size	285x5470 mm (11-1/5"x215-3/4")		285x5470 mm (11-1/5"x215-3/4")
Saw wheel diameter	ø28" x 1"(W)	ø28" x 2"(W)	ø28" x 1"(W)
Feed speed	5 to 25 M/min		5 to 25 M/min
Saw blade size (L x W x T)	4265 x 27 x 0.90 mm (168" x 1")	4265 x 54 x 0.90 mm (168" x 2")	4265 x 27 x 0.90 mm (168" x 1")
Saw wheel motor	20 HP x 2		20 HP x 2
Hydraulic motor	OMP 80		OMP 80
Dust hood diameter	ø4" x 3		ø4" x 3
Net weight	1300 kgs		1300 kgs
Packing dimensions-Frame / Conveyor	2180 x 1140 x 2180 mm + 2870 x 640 x 750 mm	2180 x 1140 x 2180 mm + 2870 x 640 x 750 mm	2180 x 1140 x 2180 mm + 2870 x 640 x 750 mm

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