



HR400PB

SINGLE HEAD HORIZONTAL BANDSAW





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SOLID STEEL BAND WHEELS

Solid steel band wheels are precision machined and dynamically balanced. 1 3/4" wide wheels for running 2" wide blades.



POWERFUL HYDRAULIC FEED DRIVE

Both main and return conveyors are hydraulically driven for a powerful and consistent feeding operation.



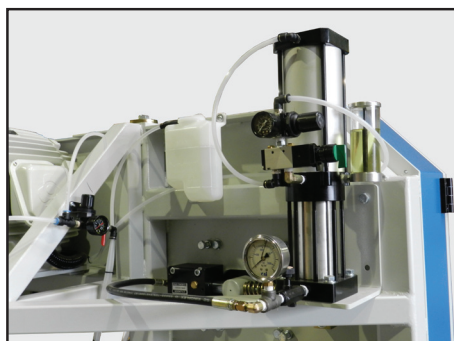
CENTRAL CONTROL PANEL

Operator controls are located at the infeed of the machine for optimum convenience. A digital control (Inch/Metric) ensures precise thickness adjustment. An ammeter ensures optimum load monitoring during cutting operations.



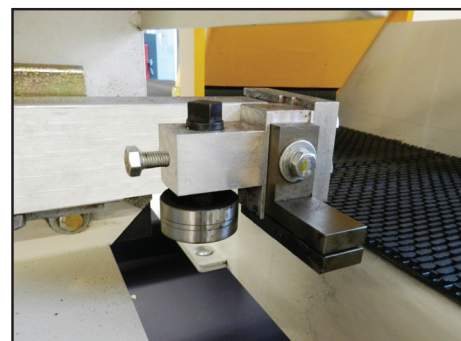
PNEUMATIC MATERIAL HOLD DOWN

Front and rear pneumatic hold down rollers ensure material is properly supported through the cut for superior feeding of the work piece



AIR OVER OIL BLADE TENSIONING

The air over oil blade tensioning unit ensures constant and consistent pressure for optimum cutting results and longer blade life.



PRECISION GUIDE SYSTEM

The sandwich guide system ensures that the saw blade runs true with high precision cutting

FEATURES

- Extra heavy duty welded tubular frame
- Solid steel bandwheels are precision machined and dynamically balanced
- Bandmill Tensioning by air over oil system
- Digital thickness control in Metric and Inch for precise adjustment of the band height
- Saw assembly is raised and lowered by anti-backlash re-circulating ballscrews
- Heavy duty hydraulic feed system with variable speed control
- Pneumatic top pressure roller automatically adjusts to the workpiece thickness
- Sandwich type saw guide system with adjustable left guide to minimize the distance between the guides for higher cutting precision
- Mist Bandsaw Blade Lube & Cooling System included –increasing feed speeds, accuracy and life of the blade
- Hydraulically driven return conveyor for returning material to the operator requiring additional resawing
- Centralized control panel for operator convenience
- An amp meter is located on the control panel for load monitoring
- Hinged blade covers allow for full access to the band wheels for convenient blade changing
- Y Delta – Low amperage Starters on the Bandmill motor

SPECIFICATIONS

Max. working capacity (W x H)	15 3/4" x 9.8"	400 x 250mm
Distance from blade to conveyor	0.157" ~ 9.8"	4~250mm
Saw wheel diameter	28"	
Saw wheel width	1 3/4" (to accept 2" wide blade)	
Feed speed: variable	13~82 FPM	4~25 m/min
Saw wheel motor	30 HP – Voltage 460/3/60 (Other voltages on request)	
Dust hood outlet	4" x 2	
Saw blade size	180" x 2"	4570 x 54mm
Conveyor belt size	15.16" x 215.4"	385 x 5470mm
Elevation motor	1/4 HP	
Machine dimensions (LxWxH)	110" x 85" x 74"	2780x2150x1880mm
Machine weight	3960 Lbs.	1800 kgs