



# HR400PB

SINGLE HEAD HORIZONTAL BANDSAW

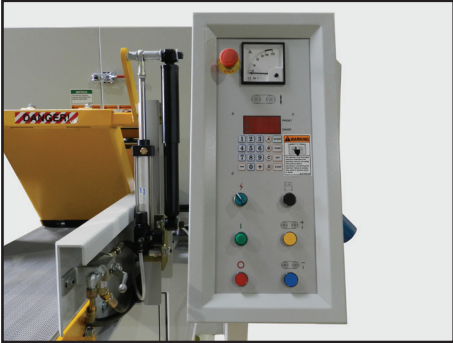


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## SINGLE HEAD HORIZONTAL BANDSAW



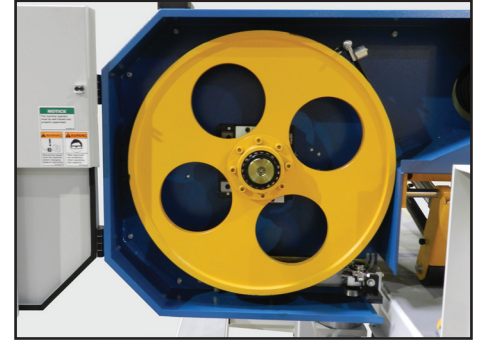
### SOLID STEEL BAND WHEELS

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.



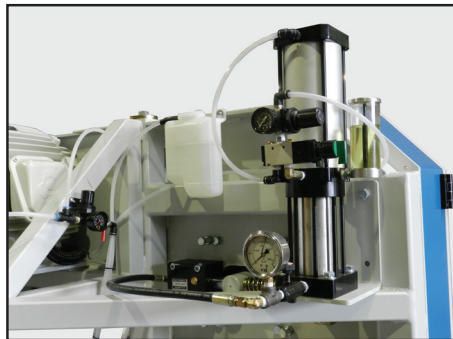
### CENTRAL CONTROL PANEL

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.



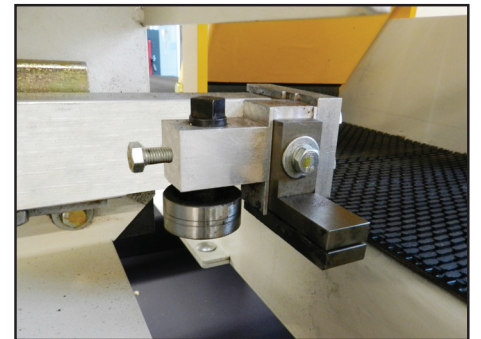
### PNEUMATIC MATERIAL HOLD DOWN

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<br>(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         |