

# HBR-300 HORIZONTAL BAND SAW



The HBR-300 is designed with accuracy, capacity, and efficiency in mind. All combined, offering the professional woodworker the best value in horizontal resawing today. Featuring heavy duty cast iron wheels to absorb vibration and provide the best performance as compared to steel wheeled machines. Hydraulic wheel tensioning, inverter feed drive, powerful 30hp main motor, and automatic electronic digital blade height setup makes it the best in class performance.

## AIR LOADED PRESSURE ROLLER

Employs air loaded pressure rollers so you can eliminate the conventional spring laded pressure rollers. The air load saves time on adjusting pressure roller position while increasing operational convenience.

## BLADE TENSION

Provides the right tension with its hydraulic power and setting gauge. Even during machine operation, the blade's hydraulic tension is being monitored and adjusted to be the right tension.

## BLADE TILT

Provides up to 45 degrees of blade tilt. The tilt direction is front downward for bevel cuts. The tilt is made by turning a large hand wheel for effortless operation. A degree scale is attached to indicate the tilting degree.

## BLADE HEIGHT

Saw head unit is supported by two dovetailed columns for most stable platform. Servo duty motor for precise positioning.

## HEAVY DUTY BLADE GUIDES

Saw blade guides supported on both sides of work piece. Industrial back rollers to keep blade forward under heavy cutting conditions.



Blade tilt



Heavy duty blade guides

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## TECHNICAL SPECIFICATIONS

Maximum material size	300 mm x 300 mm (12" x 12")
Distance from blade to conveyor	2-270 mm (5/64"-10-5/8")
Minimum cut piece	2 mm
Saw wheel diameter	700 mm (28")
Saw blade length	4980 mm (196")
Saw blade width	50 mm (2")
Saw blade speed	25.4 M/s
Conveyor belt size	270 mm x 4200 mm (11" x 165")
Feed speed (Variable)	0-30 M/min (0-100 ft/min)
Conveyor height from floor	1016 mm (40")
Saw wheel motor	30 hp
Blade lift servo motor	0.5 hp
Feeding motor	1 hp with inverter
Dust hood outlet diameter	100 mm x 2 (4" x 2)
Packing dimensions	245 x 228 x 225 CM
Machine net weight	1355 kg (2987 lbs)
Machine gross weight	1480 kg (3962 lbs)
Packing type	Wooden crate
Saw blades included	3 pcs total
Standard operator tool kit	Included
Installation	Included

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