

MBD® Model 3620 Vertical Industrial Bandsaw



Innovative design and outstanding value.

The MBD® Model 3620 Bandsaw is used in various industries to bandsaw curved or straight cuts in wood, plastic and other similar materials. Bandsawing is the preferred method for curved sawcuts or for sawcuts removing a minimum amount of material. Available with fixed or variable band speeds from 200 ft/min. through 15,000 ft/min. and numerous band drive and motor control options, motors are available with 7 ½ through 25 HP. The standard V-belt drive provides a choice of blade speeds from 4,000 to 15,000 ft/min.

It is a fabricated structural steel frame equipped with 36" band wheels and a 20" under guide capacity. Component

mounting surfaces are all machined in one set-up to assure perfect alignment. The tensioning and tracking assembly are made of iron castings and are easily adjustable, with a pair of large, tapered roller bearings are mounted on a fixed shaft. Two wheel, automatic, electric brakes are standard.

The precision ground cast iron table is heavily ribbed and balanced for easy tilting. The top guide post is precision ground and gear adjusted. The blade guide has cast aluminum housing with two pairs of tool steel jaws and a sealed ball bearing guide roller. A non-removable "swing away" blade guard is part of the guide post assembly. Cast aluminum

alloy wheels are standard, along with easy change press-on rubber tires that are steel enforced and precision ground.

- Model R-1000 Universal Resaw Attachment is also available with variable feed rates. Fits most industrial bandsaws.
- Model 3000-8 CNC Automatic Bandsawing System is available. Automatically saws panel material into any size, shape or number of components under computer numeric control.
- Model 3648 Automatic Profile Cutting Bandsaw is available. Produces 1,000 parts an hour using hydraulic feed and simple wood templates.



At a glance:

- 36" band wheels and 20" under guide capacity
- Fixed or variable band speeds from 200 ft/min. to 15,000 ft/min.
- Component mounting surfaces are machined in one set-up, assuring perfect alignment
- Motors available from 7 ½ through 25 HP

What it is:

Vertical industrial bandsaw with 36" band wheels

What it does:

- Accurately bandsaws curves and straight cuts in wood, plastic and similar materials
- Good for cuts needing to remove minimum material
- Reliably cuts under severe operating conditions



Warsaw Machinery, Inc.

www.warsawmachinery.com

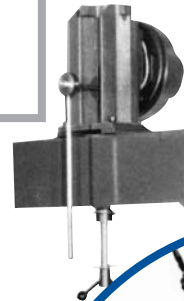
General Specifications

Available Options:

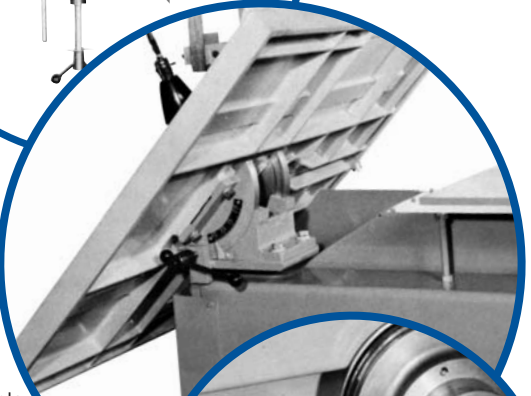
- Left-Hand Machine Frame
- Other Single Speed Drives
- Variable Speed Drives
- Blade Speeds from 200 to 15,000 ft/min.
- Horsepower Options
- Hydraulic Blade Tensioning
- Hydraulic Feed Table
- Powered Top Guide Positioning
- Additional Under Guide Capacity
- Rip Fence
- Miter Gauge



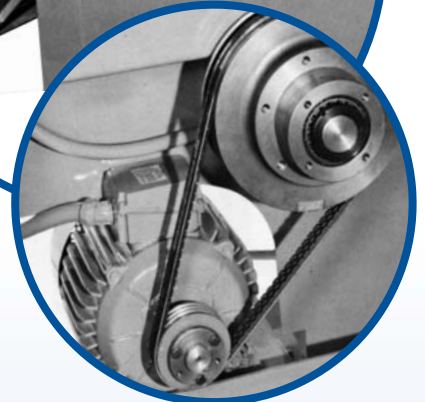
Specifications	
Frame Construction (Right Hand)	Arc Welded Steel
Motor	7 ½ HP
Motor Drive	Belt to Wheel
Blade Speed	6000 FT/MIN.
Under Guide Capacity	20"
Guide Post Cross Section	1.38"×2.38"
Throat Capacity	35 ½"
Table Size (Main)	36"×37"
Table Size (Auxiliary)	16"×19"
Table Tilting	45° Right/ 5° Left
Wheel Type	Super-Rigid Aluminum, Balanced
Wheel Diameter	36"
Tires	Rubber & Steel E-Z Change
Upper Wheel Adjustment	5"
Brakes	2 Wheel Automatic
Blade Length	19' 6"
Blade Width	Up to 2" with hydraulic tension
Guide Post	Manually Gear Adjusted
Work Light	Standard
Electrical	Specify Voltage at Order
110V Control Circuit	Standard



Tensioning and tracking assembly



The MBD precision ground cast iron table is heavily ribbed and balanced for easy tilting.



The standard V-belt drive is simple and compact. It provides a choice of speeds from 4,000 to 15,000 feet per minute.

Tyler®

- Dovetailer-French
- Router
- Drill Head
- Double End Tenoner
- Undercut Dado Machine
- Multi-Spindle Panel Router
- Panel Feeder
- Hopper Feeder

MBD®

- CNC Automatic Bandsawing System
- Vertical Industrial 36" Bandsaw
- Resaw Attachment
- Band Resaw
- Block Cutting Bandsaw

Handy®

- Econo Frame
- Revolving Frame Clamps
- Louvered Door Assembly
- Frame Clamping
- Case Clamping Machines

Since the manufacturer continuously strives to improve its products, it reserves the right to make changes and modifications without notice. For illustrative purposes only, some machinery may appear without guards or safety devices.

Tyler®



warsawmachinery.com

Warsaw Machinery, Inc.
610 S. Detroit Street, Warsaw, IN 46580
Phone: 574-267-5355 • Fax: 574-267-5366
E-mail: info@warsawmachinery.com