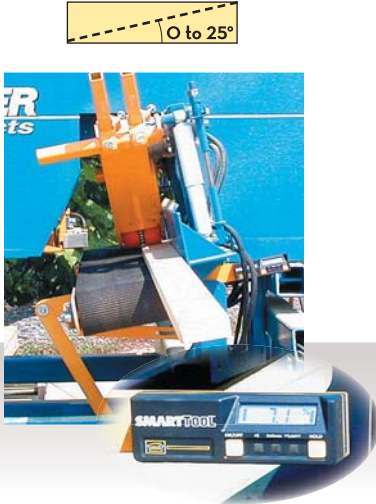


BAKER Products

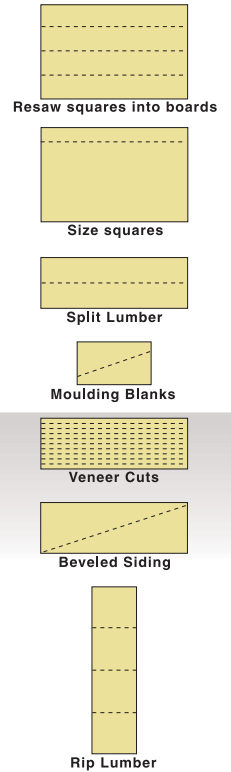
AB & ABX Band Resaws



Optional tilting feedworks with extremely accurate degree meter.



Great For Sawing Long
Material in a Small Space



Overview

The Baker AB and ABX Band Resaws are designed to save space but give you the same great features of larger band resaws.

The AB and ABX's feature an A heavy duty frame design which allows the headrig to be adjusted up or down and the conveyor will stay at a fixed height. Because the conveyor belt stays at a fixed height, it is easier to interchange and integrate with other material handling systems in your facility.

This versatile band resaw is perfect for those who need a space saving high production band resaw.

Features

- AB model accepts material up to 6" wide by 12" tall and uses a 6"-wide conveyor
- ABX model accepts material up to 12" x 12" and uses a 12"-wide conveyor
- 28"-diameter, CNC machined, dynamically balanced, solid steel band wheels
- Baker's exclusive guide plate and guide wheel system holds blade securely
- 0.072" kerf standard. Less than 1/16" kerf possible with other blades.
- Simple and easy to operate
- Versatility: Rip 2-sided slabs; size and resaw 3-sided cants, 4-sided cants, and boards
- Variable feed speed from 0-95 feet (0-29 m) per minute
- Compact footprint takes up minimal room: 7' x 7' (2.13m x 2.13m)
- Adjustable headrig with fixed conveyor height for easy integration with other machinery, allowing longer length materials to be processed easily.



Number of heads: 1

Guides: Baker Low-Profile Flat Guides with steel guide plates with rear backup roller guide wheels

Dust Output: 6"x6" (15.24cm x 15.24cm) square outlet with a 90° adapter chute with a 4" (10.2 cm) diameter outlet, which can be

rotated to serve four directions of discharge. 600 CFM recommended.

Dimensions & Weight (based on ABX):

Length: 84 in. (2.13 m)

Width: 72½ in. (1.84 m) *with return conveyor*

Height: 68 in. (2.03 m)

Weight: 2,000 lbs. (907 kg)

Power

Main Drive Motor:

AB=20 HP TEFC (30 HP Optional)
15 kw TEFC (22 kw Optional)

ABX=30 HP TEFC (40 HP Optional)
22 kw TEFC (30 kw Optional)

Electrical: All 3-phase voltages available. Completely prewired. NEMA 12 enclosure with starter and overload protection standard.

Feedworks/Conveyor Hydraulic Pump

Motor: Driven by main engine. Hydraulics has 14-gallon reservoir, flow control valve for variable feed speed, filter, start/stop valve.

Feedworks and Capacities

Feedworks: Rough-top belting and hold-down wheel

Feed speed: Fully variable 0 to 95 fpm
(0 to 29 m per minute)

Conveyor width: AB = 6" (15 cm)
ABX = 12" (30 cm)

Material Capacity:

AB = 6" x 12" (15 cm x 30 cm)

ABX = 12" x 12" (30 cm x 30 cm)

Hold-down system: Hydraulically powered hold-down wheel system with 4-5/8"-diameter Urethane wheels

Blades

AB=13'2" x 1" x 0.035" hardback or
13'2" x 1¼" x 0.035" hardback

ABX=14'2" x 1" x 0.035" hardback or
14'2" x 1¼" x 0.035" hardback

Blade Tensioning: Mechanical spring

Kerf: 0.072" (1.8288 mm)

Options

- Computer Networks
- Material Handling Conveyors
- Vulcanized endless belt
- Flat Smooth Top Belting
- Larger Motors
- Hold-over Wheels
- Rear Non-powered hold-down
- Blade height Digital Readout
- Return Conveyor
- Tilting Feedworks (0° to 25°) with degree meter
- Tilting Feedworks (0° to 45°) with degree meter
- 1-1/2" Blades
- Blade Lube Drip System