

## The Automated Bandsaw Bench



## Innovative Filing Room Equipment

### Also Available From Simonds International

- Vertical Circle Saw Leveler
- Automatic Bandsaw Leveler
- Saw Control System
- Knife Grinders
- Trademark Gold Bandsaws
- IKS Bandsaws
- Kodiak and F-2 Cut Off Saws
- *SystiMatic* Circle Saws
- Chipper Knives
- Cutterhead and Planer Knives

Lease financing available from  
Simonds Financial Services

### Innovative Filing Room Equipment

Worldwide Headquarters

Simonds International  
135 Intervale Rd. PO Box 500  
Fitchburg, MA USA 01420

Phone: 800-343-1616 Fax: 978-424-2212  
Email: sales@simondsint.com

TRI-AB 3/04

## Simonds International for: Yield Enhancement Solutions

It's all about *Yield*. Yield from Manpower, Fiber and Investments. Let Simonds International's full range of *Yield Enhancement Solutions* help you get the most Yield from your operation.

Simonds International can help you *Minimize Kerf* and *Maximize* both throughput and Productivity.

- Cutting Tools
- Capital Equipment
- Consulting Services

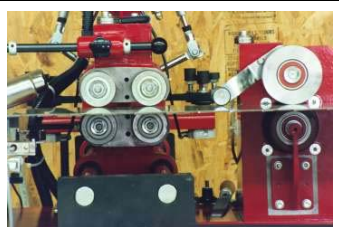


High Quality Cutting Tools  
for High Quality Cutting  
Simonds International Bandsaws

# The Automated Bandsaw Bench

## Yields:

- **More Production**
- **Less Deviation**
- **Filing Room Productivity**



**Leveling Rolls in Action**

Simonds Automated Bench, the AB, is your ticket to higher productivity and improved bandsaw performance.

Reducing target size is a great opportunity to increase fiber yield. One key to reducing target size is to reduce saw performance variability thru running properly benched saws (flat and evenly tensioned) on a well maintained mill.

Simonds Automated Bench takes care of the "properly benched" part, all while improving Filing Room productivity. The AB simultaneously levels and tensions the saw, just as a man would. And it performs this task while measuring to .0004" across the entire area of the saw - length and width. *Tension* is uniformly replenished. *Back* is consistently maintained. *Level* is dead flat. And most importantly, the saws' *Tire Lines* are accurately established throughout the entire length of the saw — more so than even possible by hand.

The even, consistent tire lines allow a well-pointed saw to operate at higher feed speeds and higher quality levels, because the tendency to follow grain swirls and log inconsistencies is reduced.

## In the Mill

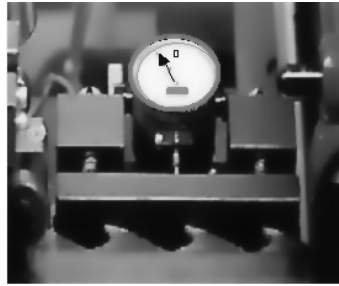
Consistent benchwork creates a stable saw and a stable saw cuts a quieter, straighter line. Sawyers often comment on the reduced noise of an automatically benched saw. Stable saws are less likely to "run in" or "run out" of the cut, or to "dodge" knots. Simonds has documented that quality is improved - even at higher feed speeds - with saws processed on the Automated Bench. The consistency of saws processed on Simonds Automated Bench eliminates a major performance variable and allows sawmill technicians to focus their efforts on other key areas: mill alignment, guide maintenance, throughput and quality improvements.

## In the Filing Room

The consistency of tension, back, level and especially tire lines from the Simonds Automated Bench has impressed even the most experienced saw filers.

Manually operated stretcher rolls cannot roll as uniformly as the AB. Manual tire line inspection is only every few inches by a filer. The AB maintains tires all the way around the saw, as evidenced by readings on the dial indicator. Tension, back and level indicators give the same view of the superior, consistent quality saw produced.

Automated Benching frees up time for both experienced and novice filers to focus on the other critical elements of saw performance;



**The Back Gauge indicator insures a consistent and uniform back - saw after saw, run after run.**

fitting, side clearance, guide maintenance, straight pitch verses vari pitch tooth geometry, filing room efficiency and safety.

## Are you ready for Automated Bandsaw Benching?

Consider completing the information below and returning it to your Simonds International representative for a customized proposal. Check all that apply.

### Machining Centers

- Bandsaw Headrig
- Quad or Twin
- Line Bar Resaw
- Multi Head Resaw

### Need to Improve . . .

- Cut Quality
- Feed Speed
- Filing Room Output
- Other

### # of Saws Processed

- \_\_\_\_ Per Week
- \_\_\_\_ Per Day
- \_\_\_\_ Per Shift

### Saw Types

- Double Cut
- Slivertooth
- Resaw / Singlecut

### Bandsaw Sizes:

- 1) Length: \_\_\_\_ Width: \_\_\_\_ Gauge: \_\_\_\_
- 2) Length: \_\_\_\_ Width: \_\_\_\_ Gauge: \_\_\_\_
- 3) Length: \_\_\_\_ Width: \_\_\_\_ Gauge: \_\_\_\_

Contact Information or Attach Business Card

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Please give us your phone, fax and email. Check a box to indicate the best way for us to contact you.

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

References gladly provided.