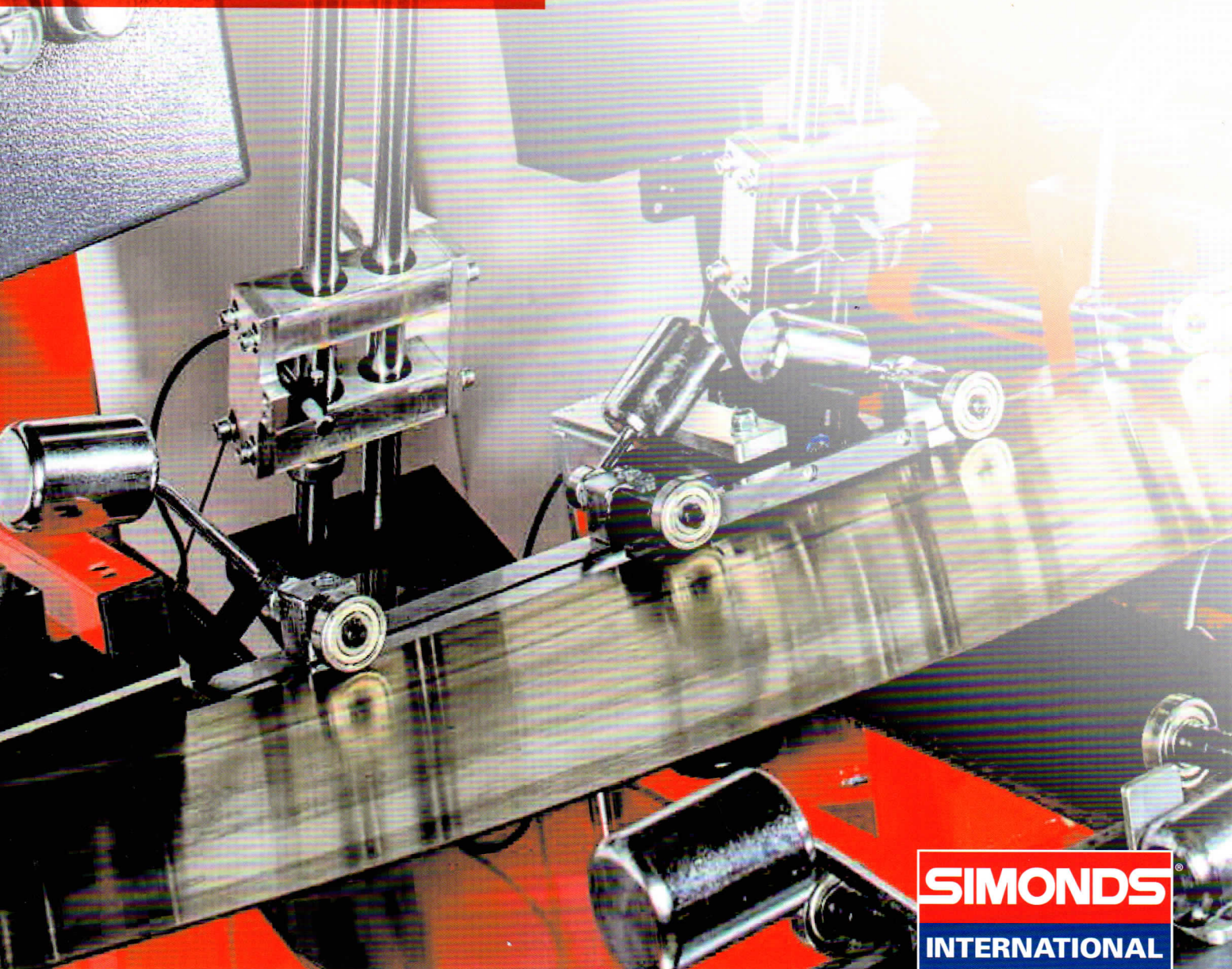


095

AB

AUTOMATED BENCH



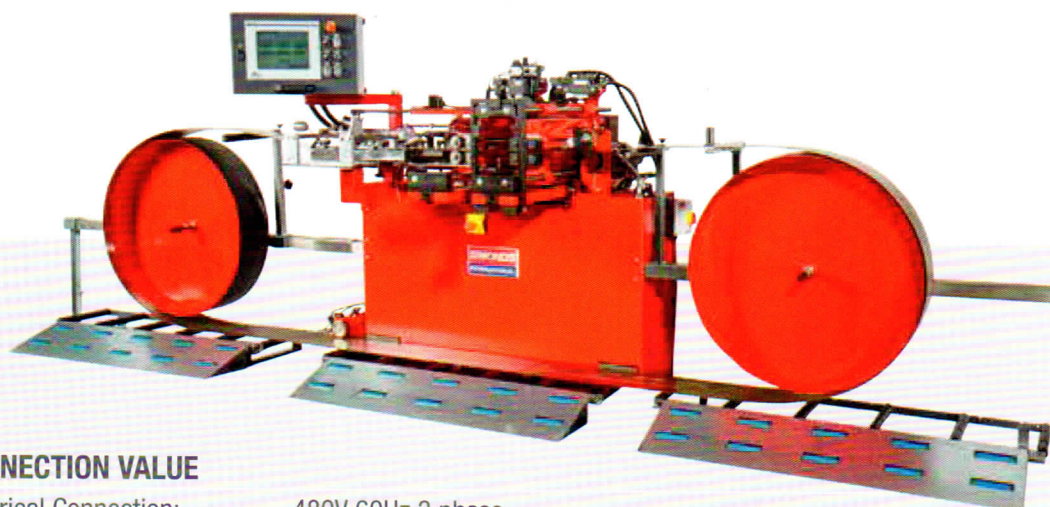
**SIMONDS**  
INTERNATIONAL



BA

AUTOMATED BENCH

# SPECIFICATIONS



## CONNECTION VALUE

Electrical Connection:	480V 60Hz 3 phase
Air Pressure:	Runs on 80lb. mill air, complete with independent filter, regulator & lube system

## SAW BLADE

Saw Width:	From 4" to 15" wide
Saw Length:	Up to 65' long

## DIMENSIONS

Length without Saw Supports:	90"
Height:	60.6"
Width:	52"
Working Position:	43.7"
Weight:	2500 lbs.

## Also Available

- ▶ **Double Tension Roll System:** An optional second set of tension rolls is available for mills that use saws with a three or more thickness gauge difference. The double roll system allows for "setup free" changes when moving from one thickness to the next – tension rolls adjust automatically.
- ▶ **Wheel Slide System:** A wheel slide system that automatically moves the turn-around wheels to a set position is available on the 095. This system works well at mills with a standard length Bandsaw and eliminates mechanically moving the wheel into place.
- ▶ **Long Band Setup:** For mills with saws longer than 44', an optional Long Saw kit is available. The kit includes an extra roll case, extra section of tube and couplers.
- ▶ **Small Saw carriage:** The 095 has an optional short saw carriage system for saws as short as 18'.
- ▶ **Startup Kit:** A highly recommended option is a startup kit. This kit includes common wear items as well as "critical spare" items.

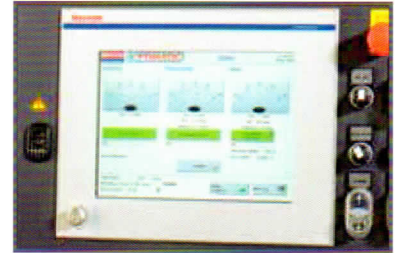


# FEATURES

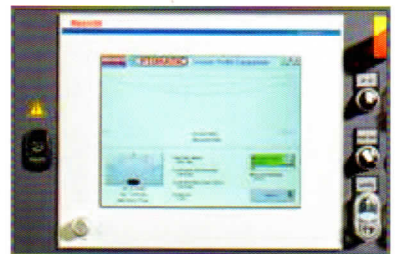
- › An industrial Touch Screen with multilingual instructions that can be changed at the touch of an icon on the screen.
- › The large screen has several interactive menus that allow the user to see real time results of the condition of the saw.
- › The Status screen shows the condition of the level, tension and back. With a quick glance, the operator can see real time conditions.
- › The Tension Profile Comparison Screen allows the filer to view the condition of the saw versus a set standard.
- › Tension changes are as easy as entering a new value via the touch screen control pad. The machine will measure the exact tension of the saw, this will allow all filers to produce a consistent saw leaving out the interpretation from one filer to the next when reading a tension gauge.
- › Setting the thickness of the blade is performed by selecting the gauge of the saw from a drop down menu.



*Languages Screen*

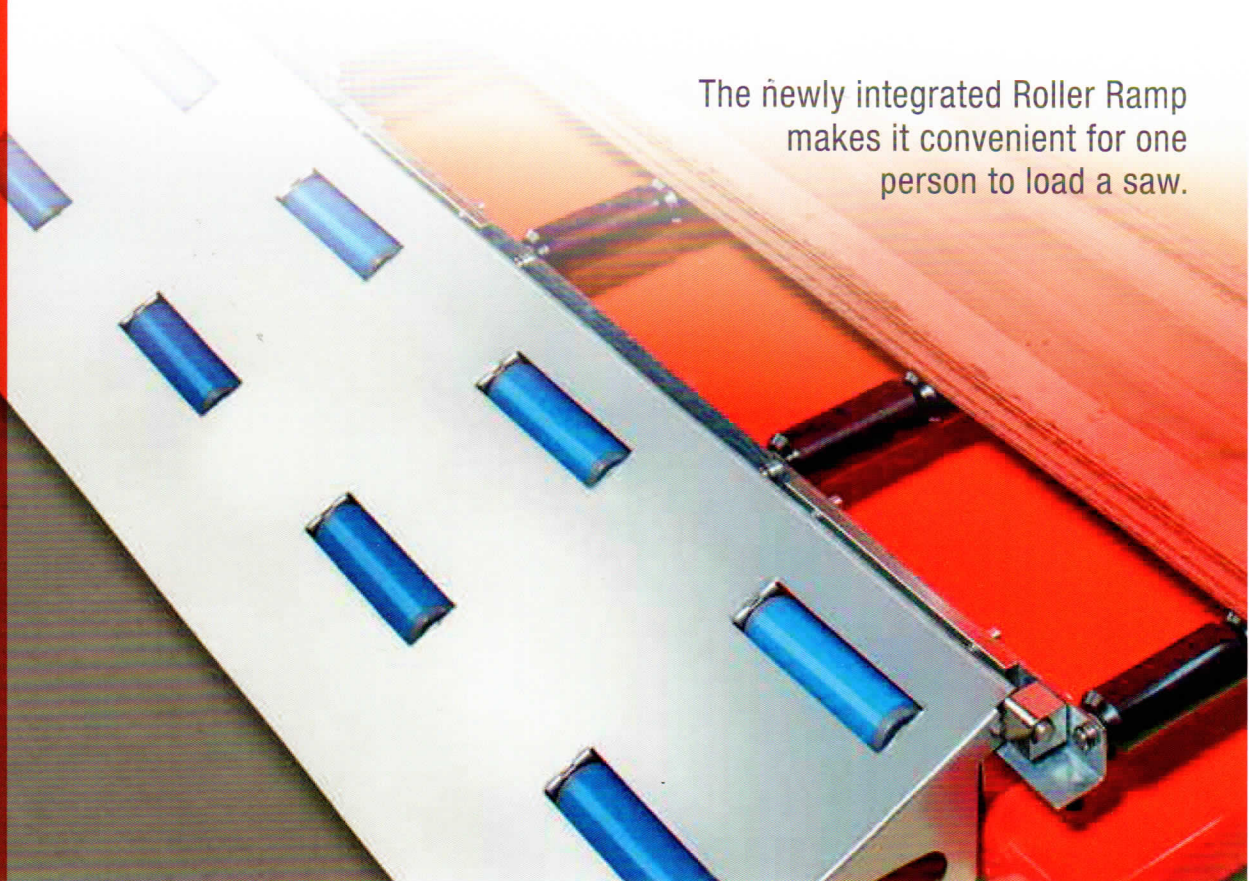


*Status Screen*



*Tension Profile Comparison*

The newly integrated Roller Ramp makes it convenient for one person to load a saw.





# FILING ROOM MILL

## WORKPLACE SAFETY

- › At the same time that saw performance is improved the filing room gets safer.
- › Problems with repetitive motion injuries are reduced by benching saws automatically.
- › Ergonomic problems relating to back strain are reduced as stooping over the block becomes a thing of the past.

Consistent bench work creates a stable saw and a stable saw cuts a quieter, straighter line. Stable saws are less likely to “run in” or “run out” of the cut, or to “dodge” knots. 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.

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



# PRODUCTIVITY & PERFORMANCE

## Simonds Automated Bench is your ticket to higher productivity and improved saw performance.

Consistent bandsaw performance is key to mill uptime and productivity, the Simonds AB puts up saws that run well and hard every saw change. This prevents downtime for un-scheduled changes resulting from saw deviation and wrecks, keeps the mills cutting at top performance levels ALL the time.

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

Simonds AB, takes care of the "properly benched" part, all while improving Filing Room productivity. The AB simultaneously levels and tensions the saw, just as a saw filer 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 line allows a well pointed saw to operate at higher feed rates and higher quality levels, because the tendency to follow grain swirls and log inconsistencies is reduced.

**One machine, built to uncompromising standards, providing complete bandsaw benchwork.**

More uniform saws mean:

- › Faster feed speeds, reduced lumber deviation
- › More effective use of skilled staff





## Also Available

Simonds Automatic Bandsaw Leveler

Armstrong Filing Room Equipment

Knife Grinders

Wright Machine Circle Saw and  
Bandsaw Filing Room Equipment

Training Services

Custom Saw Blade Design Services

Simonds, BGR and Cut Technologies custom  
manufactured Bandsaws and Circle Saws

Chipper & Planer Knives

Trademark Series ITW Saws

Kodiak® and F2 Cut off Saws

PreSharp Narrow Bandsaws

- › Simonds introduced Automated Leveling technology in 1987 and Tensioning technology in 1993.
- › There are more Simonds Leveling and Tensioning Machines in North America than all other brands combined.
- › The 095 optimizes the skill sets of both the Experienced and Novice Filer with an easy to use interface.
- › The 095 Automated Bench reduces repetitive motion, improving the filing room work environment.
- › The 095 is engineered to process mill run Saw Blades.

  
Conseil - Assistance - Formation

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