



**"My goal has been to produce the finest cut-off saws and scanners that can be manufactured. I believe our machines are second to none."**

LeRoy Cothrell

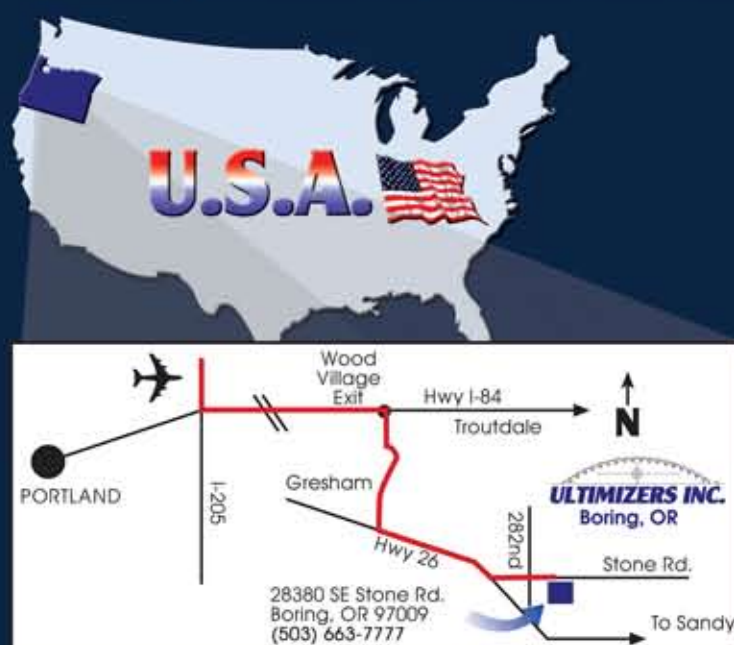


### HIGHER YIELDS

Ultimizers has led the industry since the mid-1980's with higher yields and high value optimizing. We constantly strive to improve recovery and reduce waste through modern technology.

### SERVICE AND GUARANTEE

Ultimizers has an unsurpassed service record of assisting our customers and keeping their equipment up and running. We guarantee our products and stand behind them!



**www.ultimizers.com**

contact@ultimizers.com

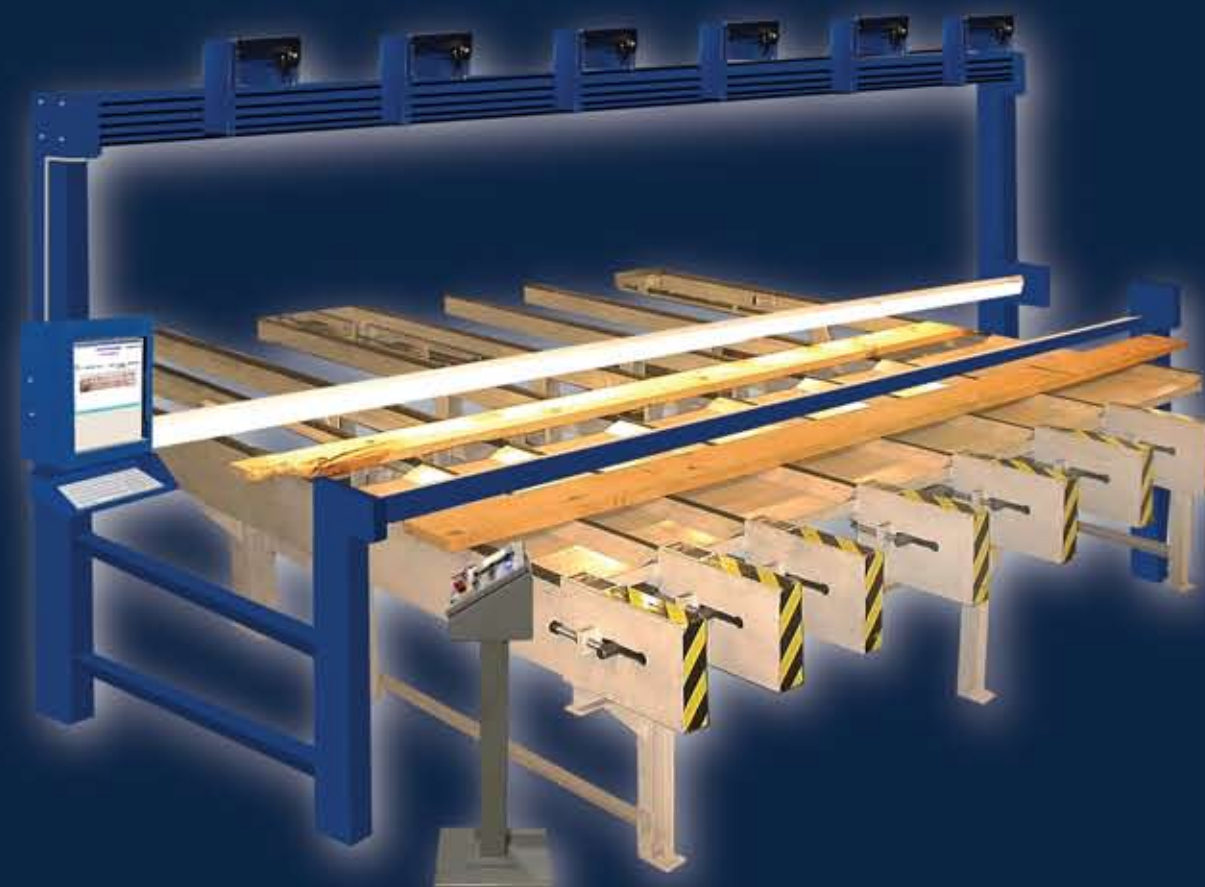
503.663.7777



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# ULTI-VISION

## LATERAL SCANNERS FOR RIP SAWS



**Cameras scan the board for width, taper and crook. Ultimizers' proven Ulti-Vision™ software uses this information to produce a color image showing defects and then calculates real-time solutions. This results in high yields at the rip saws.**

**Optional software can be used to find wane and major defects for even greater yields.**



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# ULTI-VISION

## Lateral Scanner

The Ultimizer Lateral Scanner uses computer technologies to find the best ripping solutions for every board.



For:

- Fixed Blade rip saws
- Moveable Blade rip saws
- Double Arbor rip saws



Ultimizers' proven Ulti-Vision™ software produces rip solutions considering the cutoff solutions at the same time.

A color image showing actual defects and real-time solutions allows operators to see what sizes are being cut and that yields are as high as possible. Operator defect modifications can be made in some cases.



Actual image of scanned board from computer. Rip line images show where the rip saws will cut.

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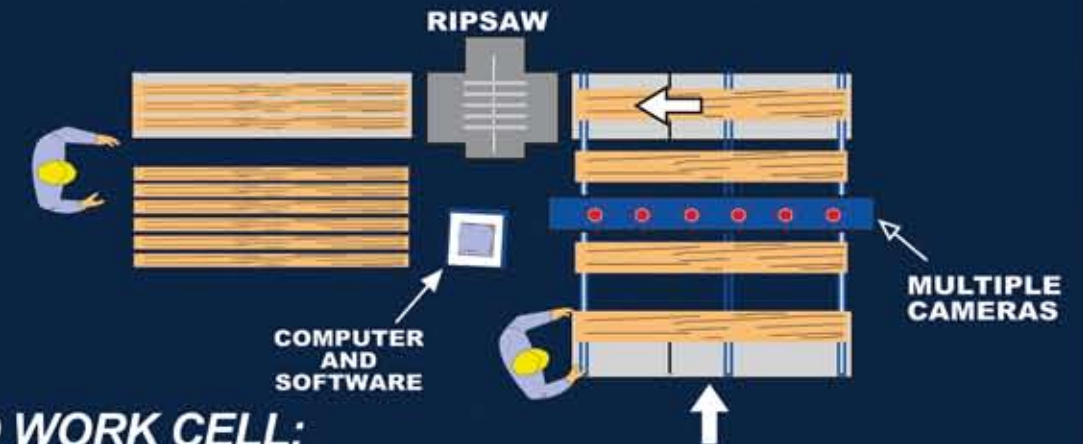


# ULTI-VISION

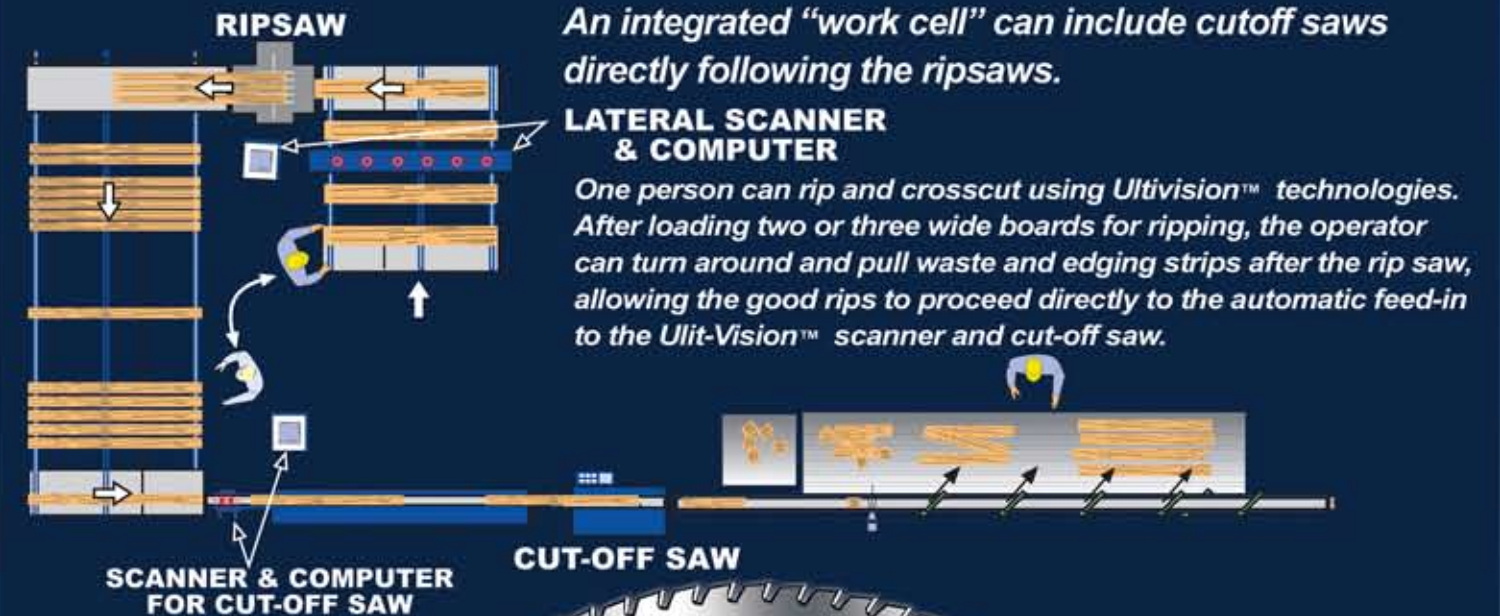
The Ultimizer Lateral Scanners consist of three major components:

1. Multiple color cameras mounted over the lumber to be scanned (typically six cameras for 16ft long boards).
2. A high-capacity computer to process the scanned images
3. Software to optimize the best rip yields based on customer input and needs

A typical system would look like this:



## AN INTEGRATED WORK CELL:



An integrated "work cell" can include cutoff saws directly following the rip saws.

### LATERAL SCANNER & COMPUTER

One person can rip and crosscut using Ultivision™ technologies. After loading two or three wide boards for ripping, the operator can turn around and pull waste and edging strips after the rip saw, allowing the good rips to proceed directly to the automatic feed-in to the Ulti-Vision™ scanner and cut-off saw.

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