

# ULTI-VISION™

## WIDE BOARD SCANNERS

MULTI-SENSING WIDE BOARD SCANNERS WITH DEFECT  
OPTIMIZATION USING SCATTER, COLOR, AND 3-D PROFILING

Improves Yield by  
Locating Defects!



Automatic Defect  
Scanner

24" wide model shown

  
**ULTIMIZERS INC.**  
[www.ultimizers.com](http://www.ultimizers.com)



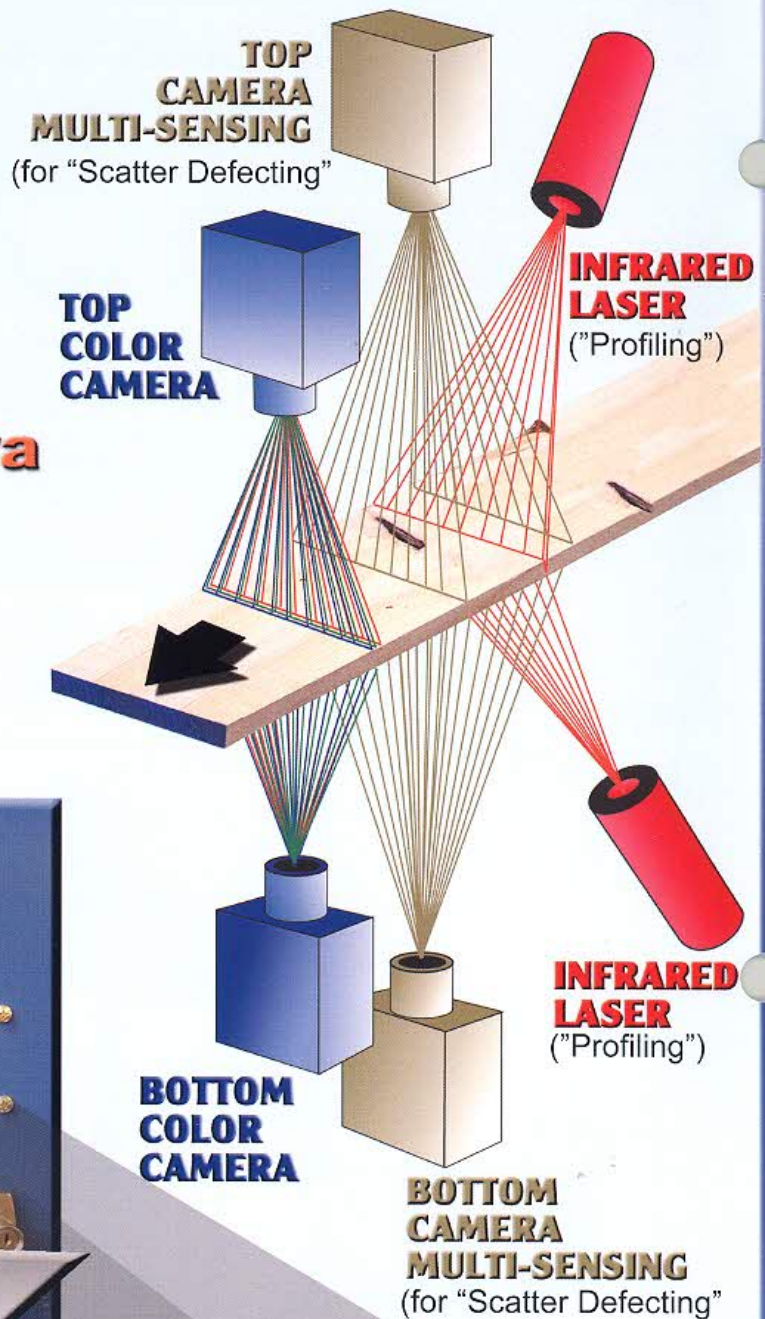
contact@ultimizers.com  
503.663.7263

**The Ulti-Vision™ Scanner  
from Ultimizers Inc.  
uses smart camera  
technologies to find  
defects such as wane  
and knots.**

## Multiple Scan Camera Technology

(finds wane, knots, and colors)

Ultimizers' proven Ulti-Vision™ software and computers for crosscut saws has now expanded to produce rip solutions considering the cutoff solutions at the same time.



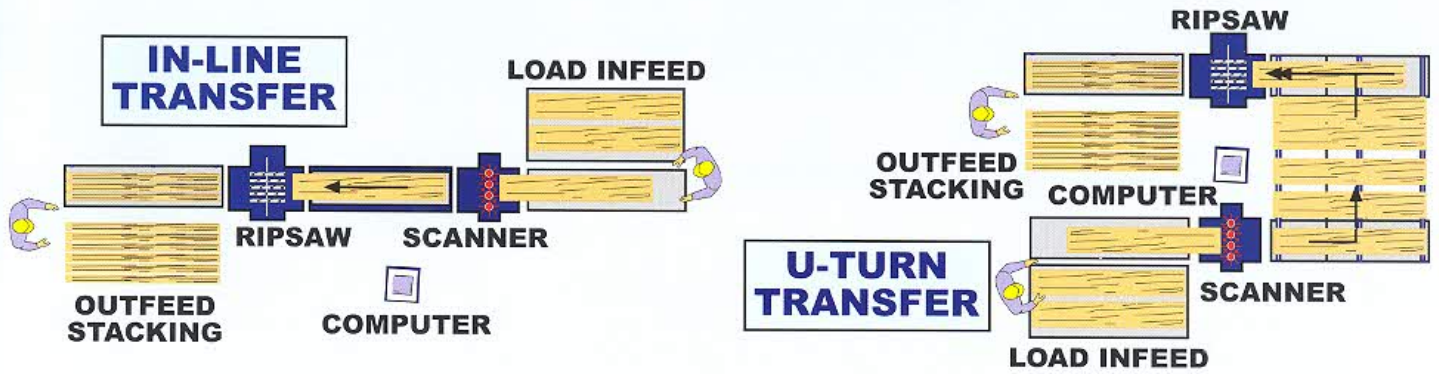
(Artist's rendering of scanned board from computer. Rip and crosscut lines are created to show where the rip saws will cut)

Very high yields are possible. The 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.

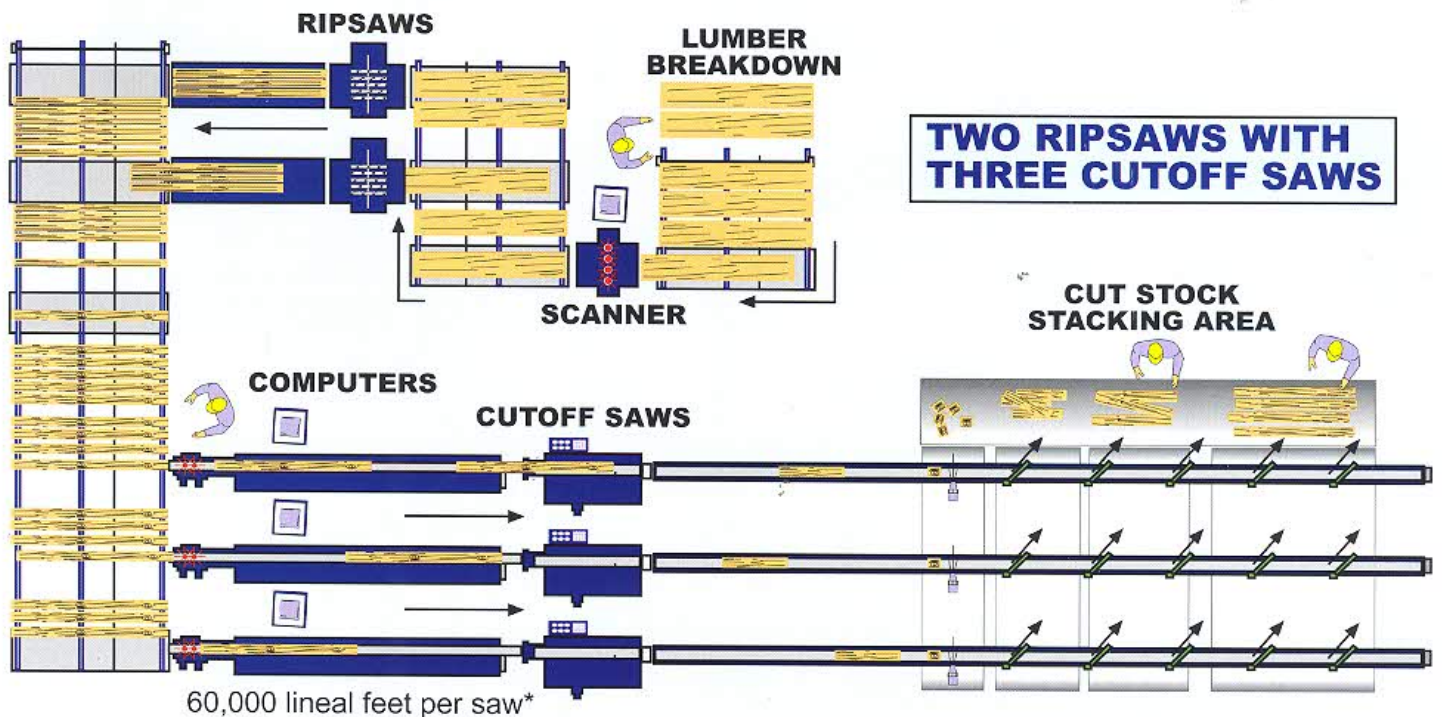
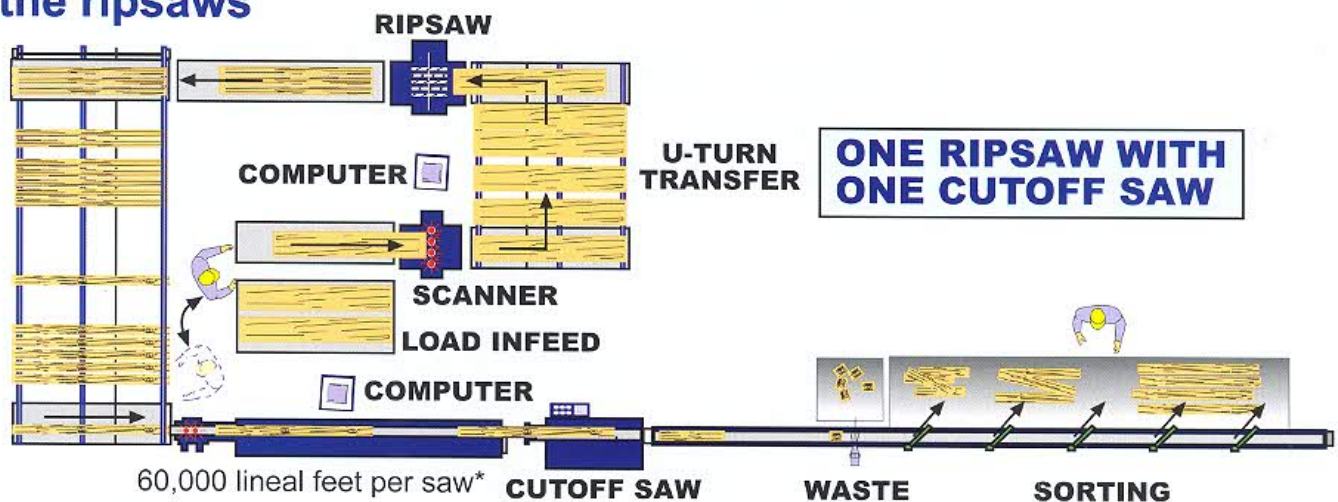
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**(503) 663-7263**



A typical rip saw system includes an infeed, an Ulti-Vision™ scanner, a transfer, a rip saw and an outfeed.



An integrated system can include cutoff saws directly following the rip saws

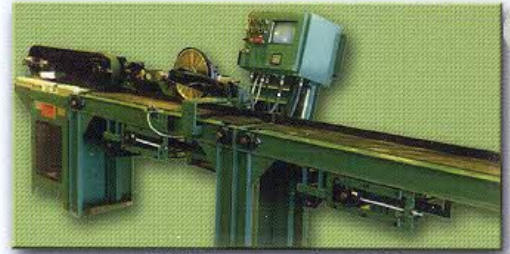


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\*See production graph on next page.

# ULTIMIZERS INC.

Ultimizers Inc. is a machinery manufacturer located near Portland, Oregon specializing in the manufacture of optimizing cut-off saws. Since its establishment in the mid 1980s, the company has produced hundreds of optimizing saws. The development and sophistication of these systems has closely followed the modern computer. Most of these past optimizers used operators to place crayon marks on lumber to locate the defects.



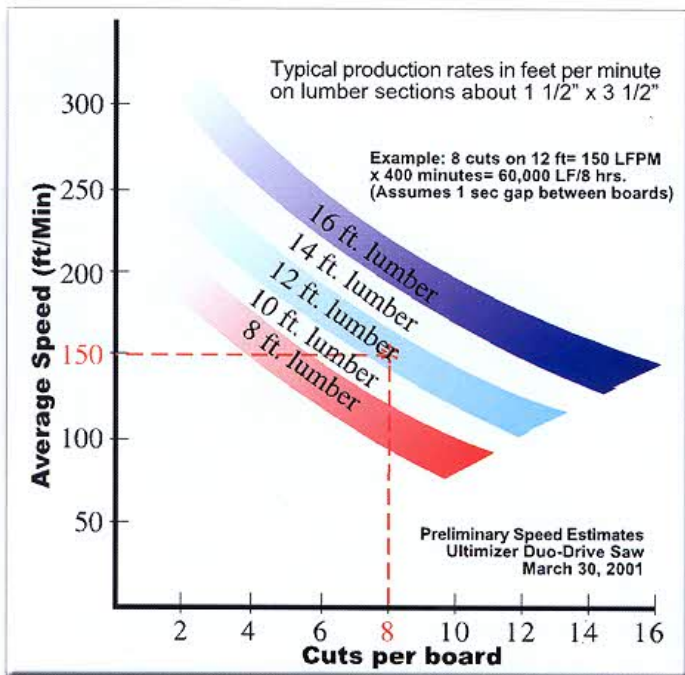
Ultimizer saw in 1985

Since about 1990, Ultimizers, Inc. has worked with vision scanning to replace the labor involved with marking. Many crayon systems require two or three people marking lumber per cutoff saw. The Ulti-Vision™ scanner today is designed to eliminate the grueling labor associated with crayon marking while at the same time increasing production.

**ALL ULTI-VISION MODELS:** Ulti-Vision™ scanners produced by Ultimizers Inc. are straightforward, easy to use and are designed to run with minimal maintenance. They are available in 8", 12", or 24" widths.

**VERSATILE:** All Ulti-Vision™ scanners can be upgraded with either Ulti-Vision™ Ripsaw or Ulti-Vision™ Crosscut software. The scanners then can be used with new ripsaws, retrofitted for existing ripsaws, or put to use for a wide range of crosscut applications.

**INTEGRATABLE:** The computer of the ripsaw scanner can communicate continuously with the computer of the cutoff saw. This ensures that necessary widths are ripped keeping the cutoff saws full of the necessary widths to complete the cutting bill requirements. Similar computers can be set up in an office to communicate with the rip and crosscut saws allowing production reports to be tracked, printed out, and used as necessary. Ulti-Vision™ software can communicate with additional data management systems as required.



Ultimizers Inc. also manufactures the "Duo-Drive™" high speed cutoff saw, capable of very high production rates to 60,000 lineal feet per 8 hours.

## ULTIMIZERS INC.

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