

Debarkers

Primary Breakdown

Secondary Breakdown ◀

Lumber Handling

Planing Systems

Residual Processing

EDGER MAXIMIZER

Edger Maximizer System

Unscrambler – Transfer – Scanner – Infeed – Edger – Outfeed



The USNR Edger Maximizer System is a complete package made up of state of the art modules.

Our edger systems come pre-plumbed, pre-wired, and pre-tested for fast and easy installations and start-ups. All this adds up to Unmatched Value!

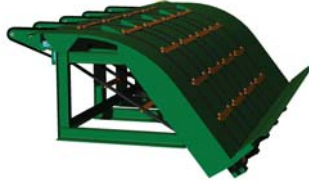
- ▶ **FAST:** Up to 55 Boards / Minute (varies with application)
- ▶ **SMART:** Gentle Lumber Handling
- ▶ **COMPLETE:** Integrated Design
- ▶ **EFFICIENT:** High Recovery
- ▶ **STRONG:** Uninterrupted Production

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Unscrambler

1 USNR radius-back unscramblers reliably and consistently singulate boards ahead of the maximizer. Steel bars with beveled teeth are welded to the chain to provide an aggressive grip on wane-down boards. Board-reject arms near the top of the unscrambler minimize the need for hands-on operator intervention.



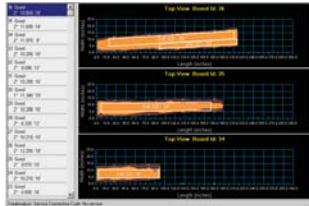
Transfer

2 All chain guides are UHMW-lined for long-life and low friction. Speed-up chains, lugged chains, and even-ending rolls are all closely integrated for smooth, consistent operation.



Scanning & Optimization

3 An integral part of the USNR Edger Maximizer System is the scanning and optimization package. USNR offers both Geo2 and TriCam scanning technologies, as well as one of the best solution engines in the business.



Infeed

4 Hydraulic positioners push boards onto hydraulically actuated staging ramps. Air cushion cylinders on the positioners help to minimize wane crush. Staging ramps and hold down rolls insure accurate positioning of material before it is fed into the edger via the centerfeed chain.

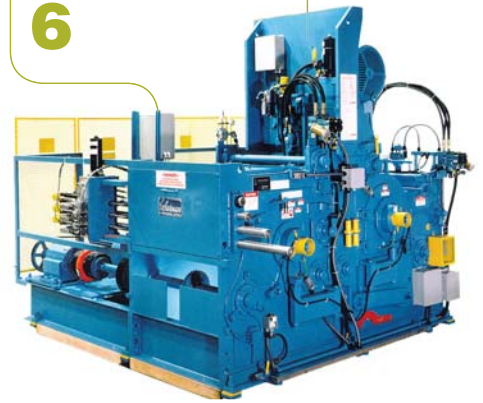


Outfeed

5 Independently air-actuated UHMW tippie fingers in the edger outfeed section feature steel knife edges to separate out board edgings.



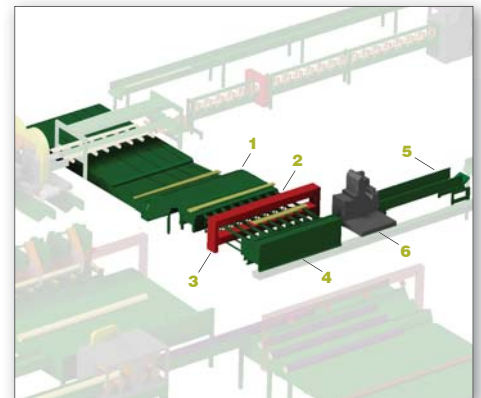
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USNR Edger

USNR has installed literally hundreds of edgers in mills around the world since 1990. Sawmillers know and trust our rugged and reliable designs. We have continually improved our designs over the years so that the edgers we build today are the best ever.

Whatever your specific requirements – from the basic four-saw top arbor model to chipping edgers, to integral remanufacturing heads – USNR has a solution for your mill.



Typical USNR Edger Maximizer Installation.

Millwide. Worldwide.

USNR