



THE STABILIZER™ PLATE

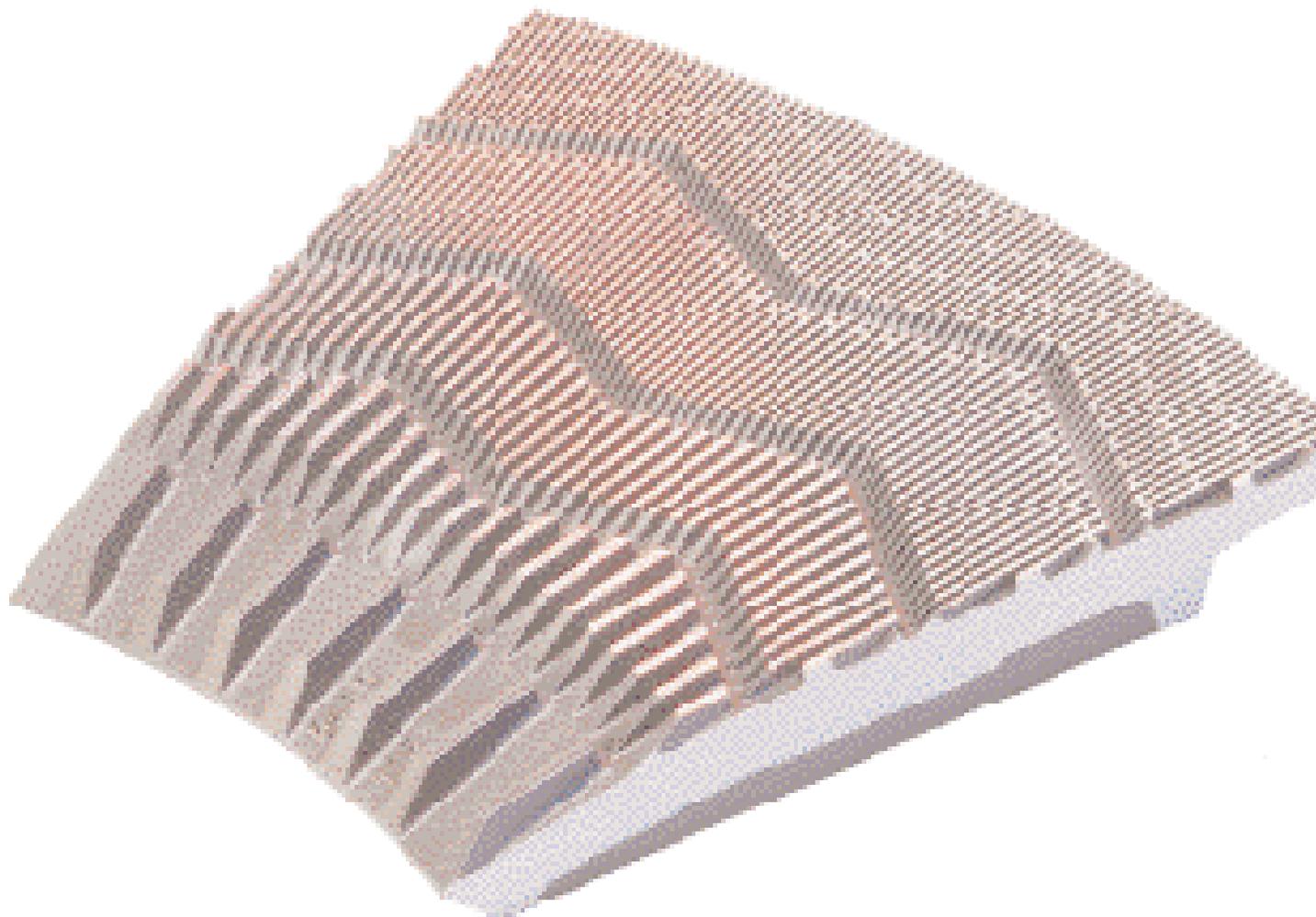
Improve your load stability and energy efficiency with the industry's most innovative plate technology

Energy represents the primary cost component in mechanical pulp manufacture. Improving process energy efficiency can have a dramatic impact on pulp mill performance.

The J&L Stabilizer™ plate improves both process energy efficiency and load stability. Extensive worldwide testing proves that the Stabilizer's

innovative, uni-directional design helps your mill operators achieve higher levels of operating efficiency by reducing process variability and increasing pulp quality over the life of the plate.

The J&L Stabilizer's constant-angle, uni-directional plate design delivers superior performance compared to conventional plates. This pattern, proven in extensive worldwide testing, results in significant improvements in fiber quality over the life of the plate.



THE J&L STABILIZER™ PLATE

Innovative uni-directional pattern contributes to superior performance

Demonstrated Stabilizer™ advantages include:

- Significantly improved load stability
- Improved energy efficiency
- Superior tear strength results
- Significant shive reduction
- Reduced process/pulp quality variability

The Stabilizer design also minimizes plate “clashing” — thereby increasing productivity by reducing both premature plate wear and overall plate costs.

The Stabilizer is ideal for mechanical pulping applications, including:

- Newsprint
- LWC
- SC

The Optimization Specialists

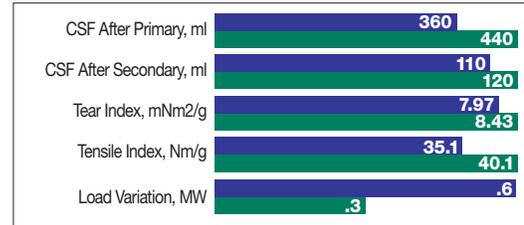
The Stabilizer is one more example of how the experts at J&L Fiber Services can help you optimize your pulp processing system with the most advanced technology in the industry. We'll help you determine if the Stabilizer is right for your application, and we'll even offer specific performance guarantees.

Mill Trial Results

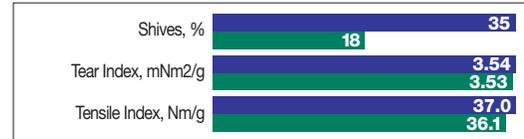
The charts at right document comparisons made in recent side-by-side trials of refiners equipped with J&L Stabilizer plates and refiners using conventional plates.

For all of the details on the J&L Stabilizer, contact us today.

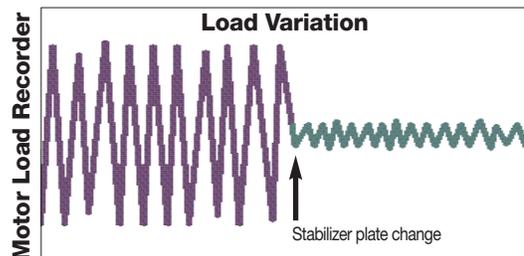
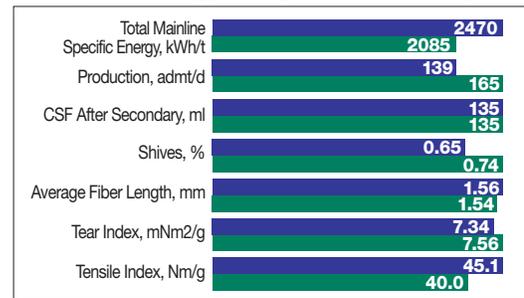
Example A: Strength improvement at equal energy and production.



Example B: Reduced shives at equal pulp quality.



Example C: Energy savings with increased production.



Load variation is significantly reduced after installation of J&L Stabilizer plates.



■ Conventional Design
■ J&L Stabilizer



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