KĀDANT

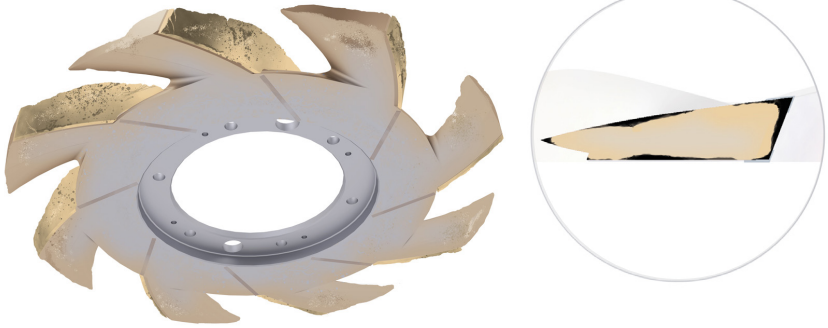
FIBER PROCESSING

Rebuilding Pulper Rotors for Optimum Performance

Get the most from your pulper rotor investment - rebuilt to peak performance by industry experts.

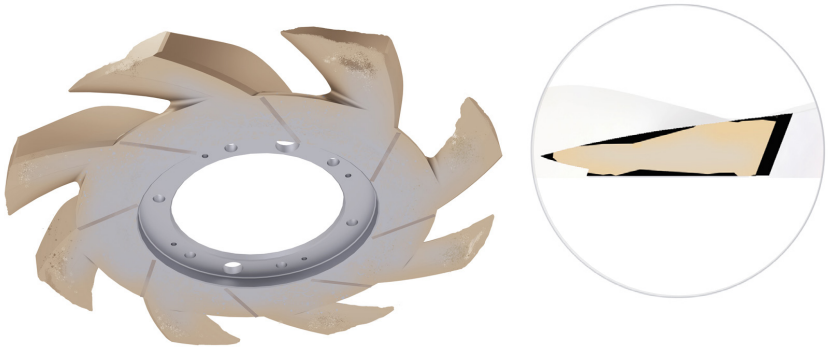
Rotor Rebuild Basics

Step 1: Assess damage and wear



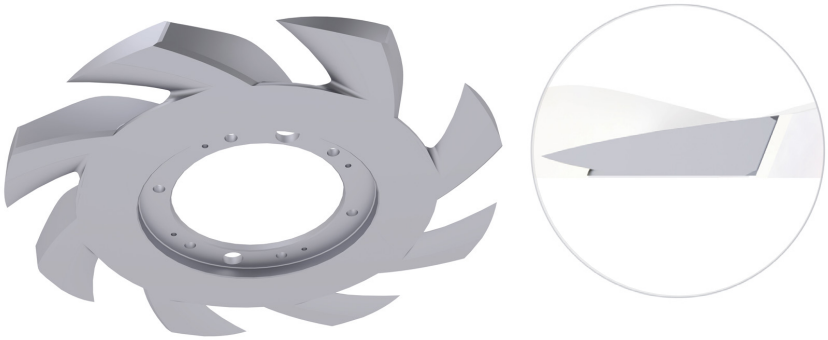
Each rotor is **carefully inspected** by our engineers and mechanical experts to identify damage and the exact scope of the repair.

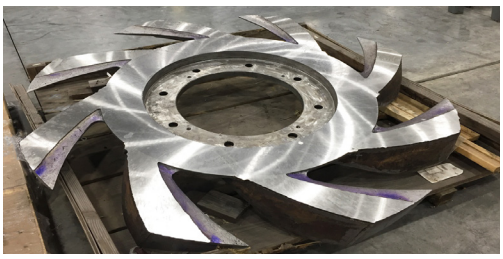
Step 2: Remove damage



The damage is removed and the surface **prepared for reconstruction**.

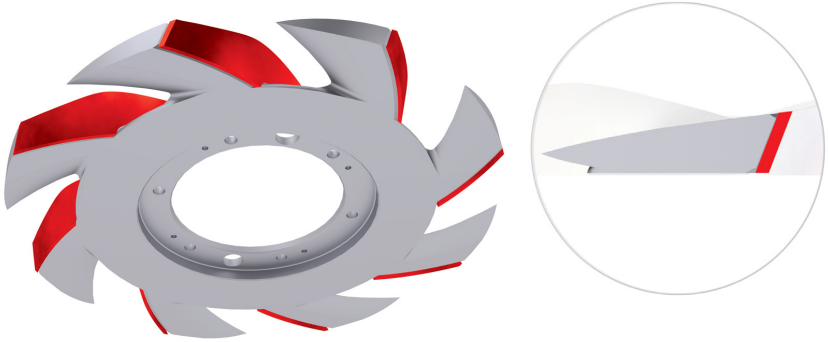
Step 3: Repair and optimize basic geometry





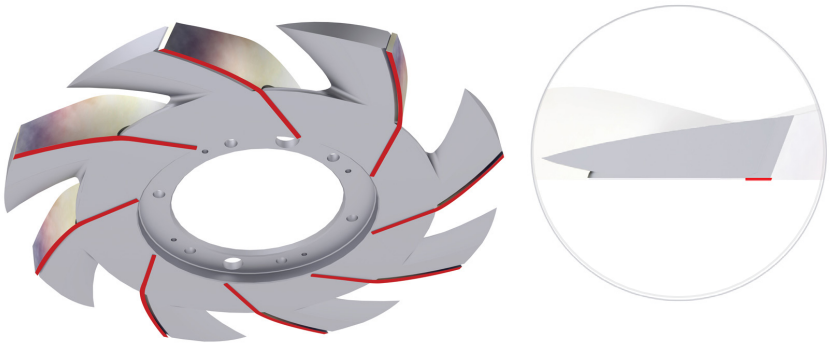
Rotors are rebuilt to an **optimized hydro-dynamic geometry** based upon your application and the latest industry-leading Kadant performance innovations.

Step 4: Mount new KBC Armor face plates



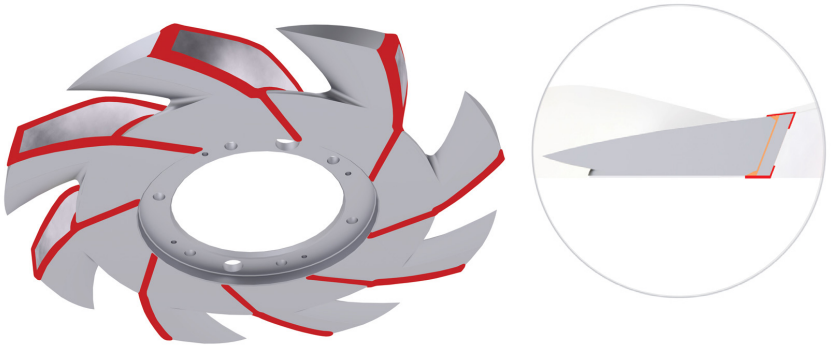
New face plates are fabricated from durable, wear-resistant **KBC Armor** and welded onto the rotor.

Step 5: Add hard-welded wear strips



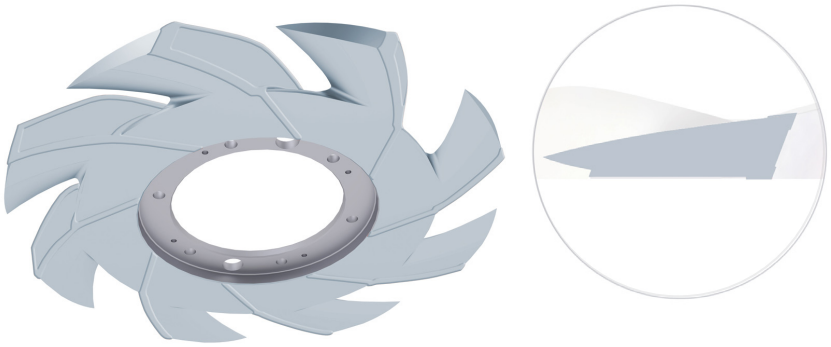
KBC 51 Hard Weld wear strips are added along the bottom of the rotor's leading edge and back towards the hub.

Step 6: Add full-vane, hard-welded edge wrap



Additionally, all leading edges of the rotor vanes are wrapped with **KBC 51 Hard Weld.**

Step 7: Balance, quality inspection, and paint



The rotors are then fully balanced and carefully **quality inspected** to ensure peak performance. They are then painted and packed for shipping.

With one of the world's largest install bases of rotors, Kadant has the experience and expertise to improve any rotor, regardless of manufacturer. Our team of engineers, manufacturing and application experts review each rotor rebuild in conjunction with it's application, raw material, past performance, and exact operating conditions. We update the materials and geometry to provide long life and the best rotor for your application using the very latest design and construction practices.

Better-than-before, high-performance materials and geometry for any pulper rotor

A Trusted Partner

Stock preparation is in our DNA. We know this industry like few others – your equipment, your processes, and your challenges. We have the know-how and tools to elevate the efficiency of your production. Our team can help monitor, maintain, and upgrade your line, providing process improvements, replacement parts, rebuilds, and comprehensive maintenance plans.

We understand what it takes to remain competitive, protect your investment, and extend the life of your stock preparation assets. To that goal, we offer:

- Field services, inspections, and audits
- Rebuilds and retrofits
- Upgrades and modernizations
- Maintenance and service contracts
- Process control solutions
- Replacement upgrades and spare parts

Certified Parts and Service 24 Hour Hotline for North America: 1-800-448-5422

Expertise to Empower You

Our team is there for you at every step. We help you select the right options to best meet your specific needs.

We have generations of experience, a history of innovation, and a proven record of success across the globe. Our skilled engineers, process professionals, application experts, manufacturing, and field service teams have thousands of successful installations to their credit.

Get You Running, Keep You Running

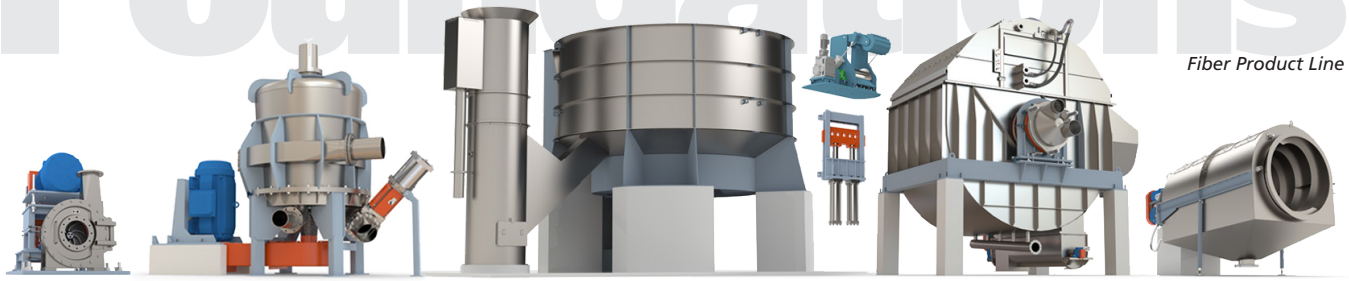
Our technical service and support teams are ready. We provide superior guidance in the planning, design, engineering, installations, and start-up of your systems. Our products and expertise cover the full range of stock preparation and pulping, including:

- Pulping
- Screening
- Cleaning
- Thickening
- Deinking
- Detrashing
- Refining and dispersing
- Reject handling
- Recovery systems
- Heat transfer
- Pulp washing
- Recausticizing

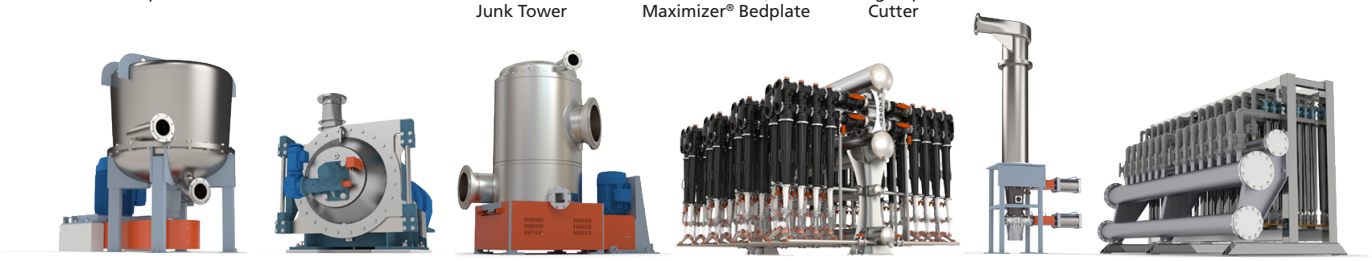
The Kadant Foundations product line offers a full range of fiber processing equipment and services.

Foundations

Fiber Product Line



Hydraflow™ Trash Pump | Continuous Lights Detrasher | Automated Grapple Hoist and Trashwell Junk Tower | Hydrapulper® DR Pulper, Vortech® Rotor, and Maximizer® Bedplate | Ragger and Rag Rope Cutter | Direct Discharge™ Disk Filter | Cantilevered Drum Screen



Float Purger™ Stock Cleaning System | Twin Hydradisc III® Double Disc Refiner | Ultra-V™ Vertical Pressure Screen | XCEL™ NT Forward Cleaner | Liquid Cyclone™ Cleaner | Xtreme™ Reverse Cleaner

For patent information about this and other Kadant products visit https://kadant.com/en/patents

KADANT

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