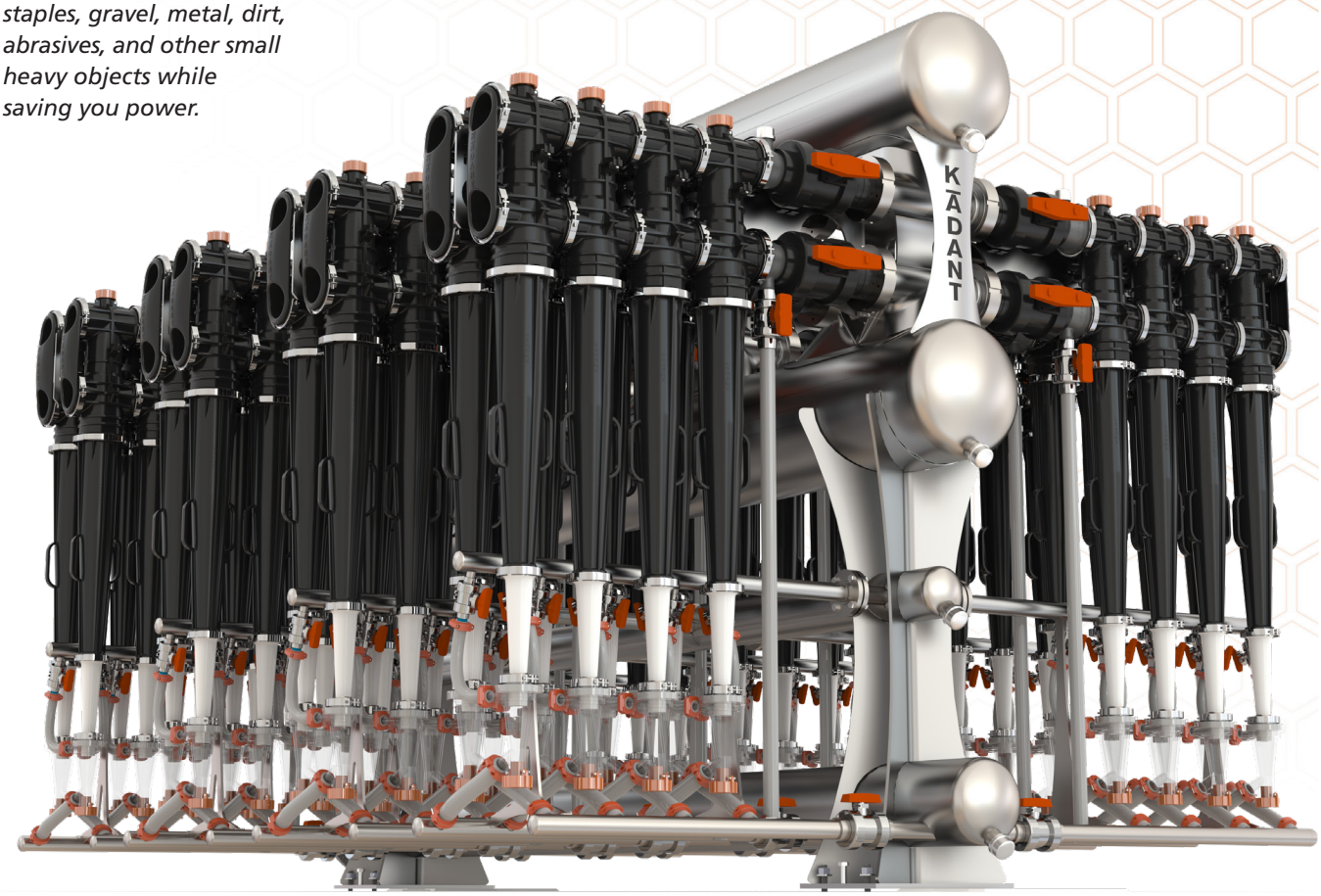
KĀDANT

FIBER PROCESSING

XCEL™ NT Forward Cleaner

Removes granular debris, grit, glass, sand, pins, staples, gravel, metal, dirt, abrasives, and other small heavy objects while saving you power.

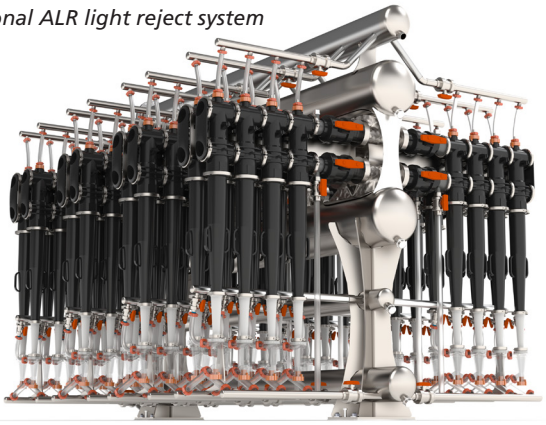


XCEL™ NT Forward Cleaner

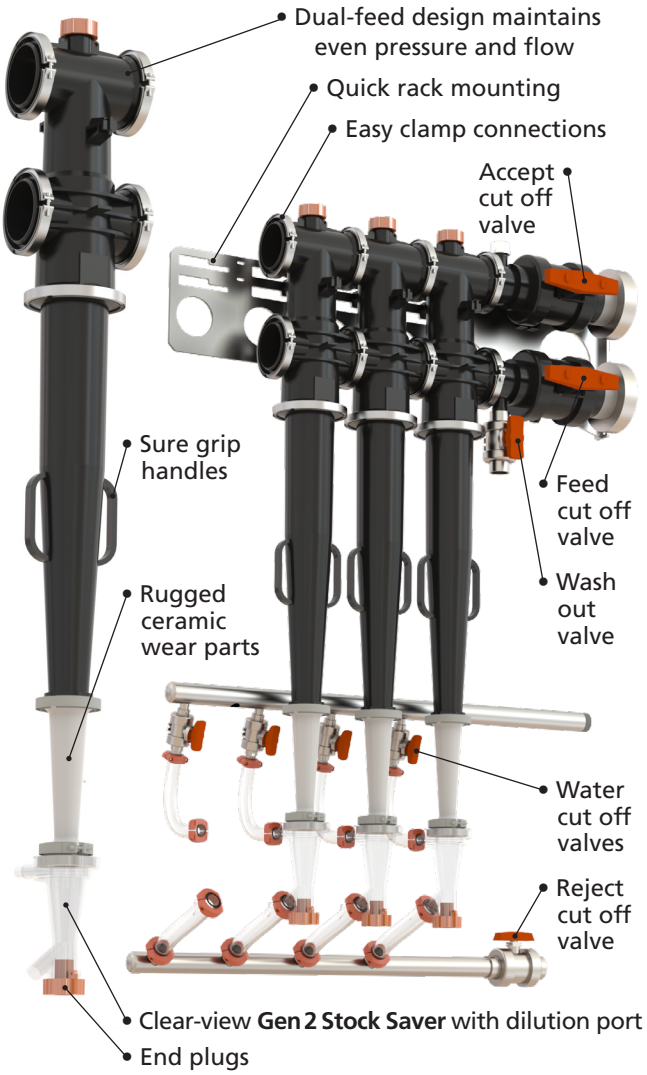
The power-saving, high-consistency solution to fine forward cleaning

We are proud to announce our newest high consistency, fine forward cleaner system built to exceed current industry baselines for performance and capacity. The XCEL NT is a highly optimized, modular solution to tough heavy contaminants such as grit, metal and sand.

The XCEL NT shown with the optional ALR light reject system



Features-at-a-Glance



Benefits

Cost Savings

- Up to 38% power savings
- Unique design efficiently uses dilution water
- Optimized parts and materials gives you the best value in performance
- Maximized fiber savings with Recovery™ tailing stage

Improved Performance

- Improves product quality of existing furnish
- Greater efficiency at higher consistency with more capacity than competitive units

Strategic Options

- Modular rack mount system allows for a flexible fit and custom configurations
- ALR option vents air and light rejects

Built to Last

- Wear resistant ceramic parts to handle the tough contaminants

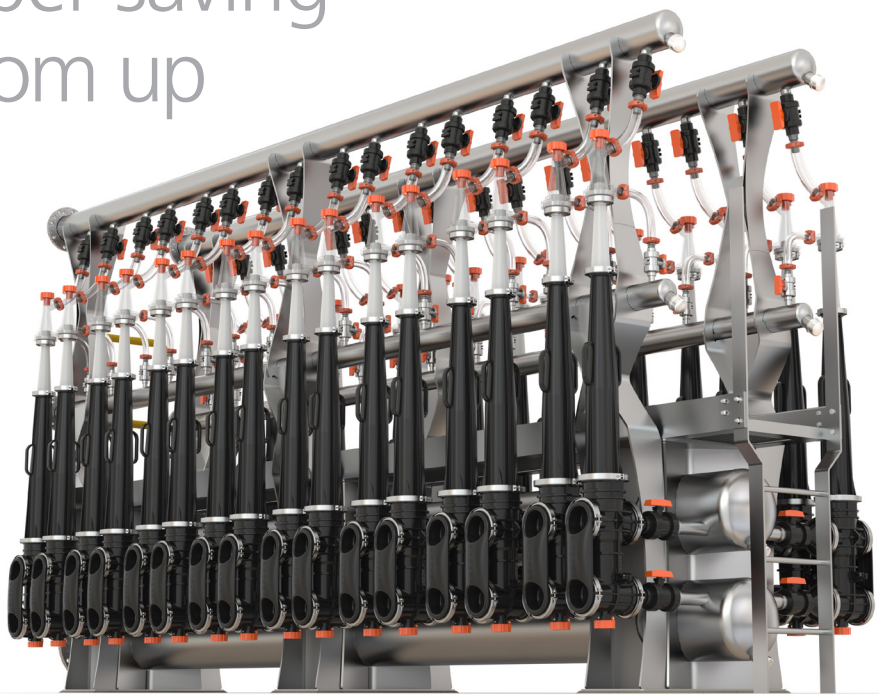
Low Maintenance

- Plug resistant, continuous operation with minimum operator attention
- Easy access valves and connections
- Individual cleaner isolation simplifies maintenance
- Clear-view inspection reject tip

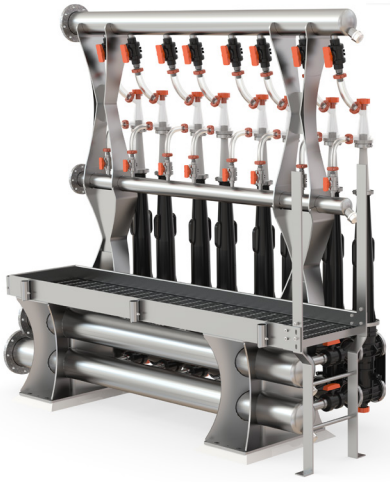
Introducing the XCEL NT Recovery, reinventing fiber saving from the bottom up

Before Recovery, removing this much sand was no day at the beach

Going the extra mile to capture valuable pulp fiber is our life's work. To that end we have developed the game-changing XCEL NT Recovery tailing stage. Designed to separate those last concentrations of sand and heavy debris to capture fiber previously lost without this solution.



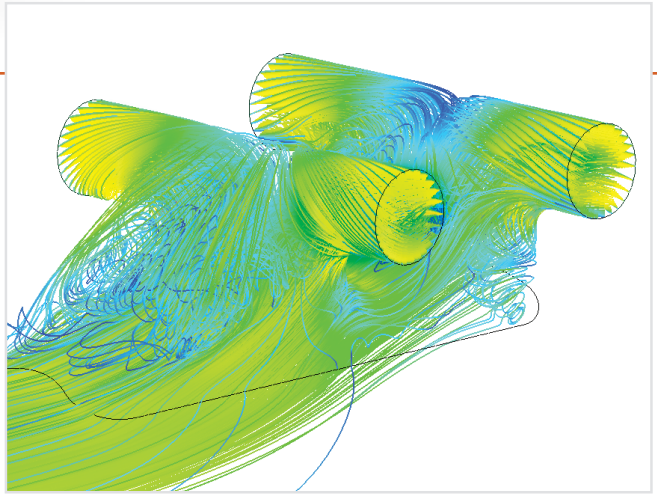
Perimeter guards are recommended but omitted for carity.



You don't get soaked

The units unique reverse orientation allows for fast access and easy service during the demanding task of removing contaminants such as sand in high concentration. It also ends the need to drain the entire cone.

Dual-feed design maintains even pressure and flow distribution across the entire cleaner bank



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

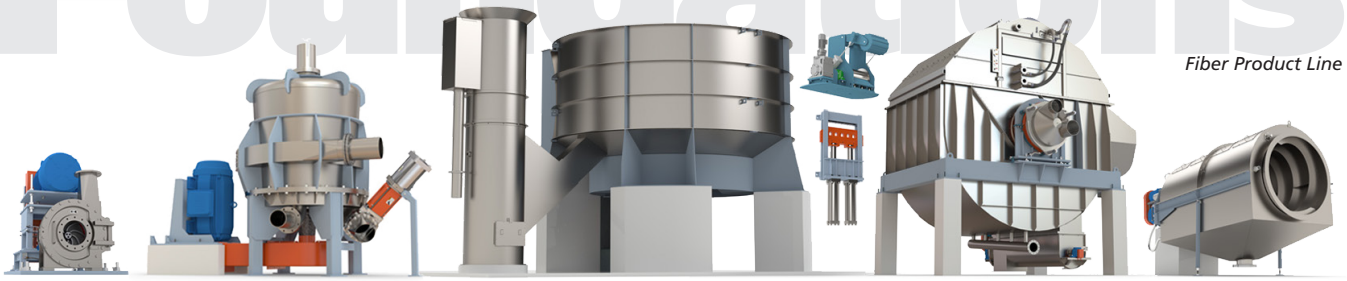
Our technical service and support teams are ready. We provide superior guidance in the planning, design, engineering, installations, and start-up of your systems. Our products and expertise cover the full range of stock preparation and pulping, including:

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

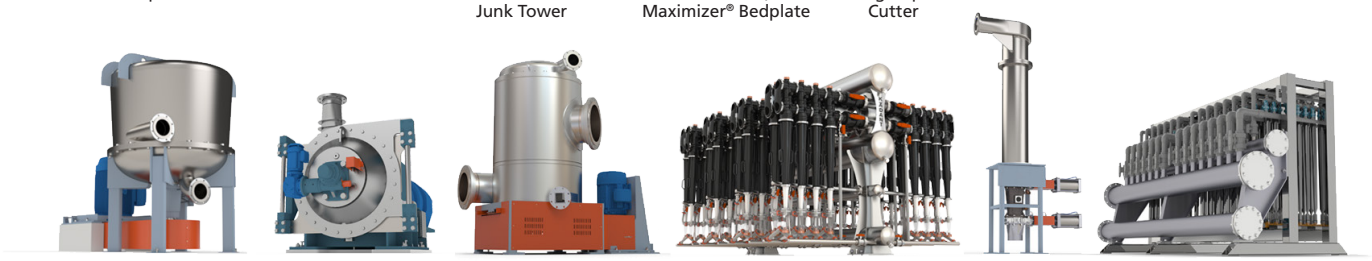
The Kadant Foundations product line offers a full range of fiber processing equipment and services.

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

fiberprocessing.kadant.com Kadant is a global supplier of high-value, critical components and engineered systems used in process industries worldwide.

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XCEL NT Forward Cleaner
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