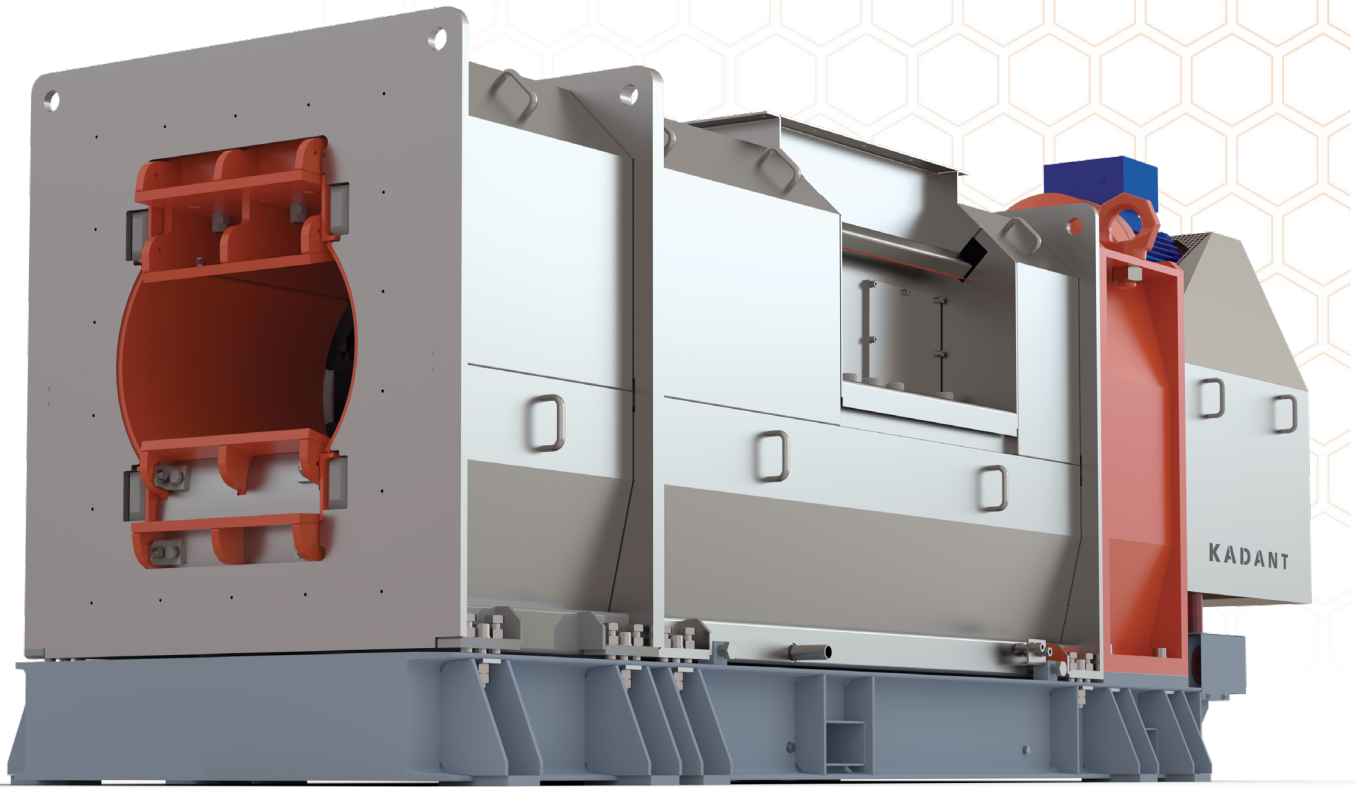
KĀDANT

FIBER PROCESSING

SaveMaxx® Screw Compactor

Dewatering coarse rejects

An economic and low maintenance solution to dewatering plastics and other rejects



SaveMaxx
Screw Compactor

Application

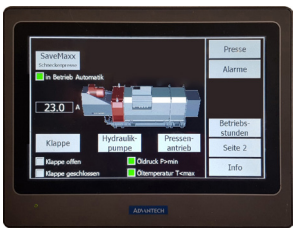
The Kadant SaveMaxx screw compactor is used for thickening light rejects, such as plastics, in recycled paper production. It dewaters the rejects from horizontal pulper drums and from the washing drum of conventional pulpers.

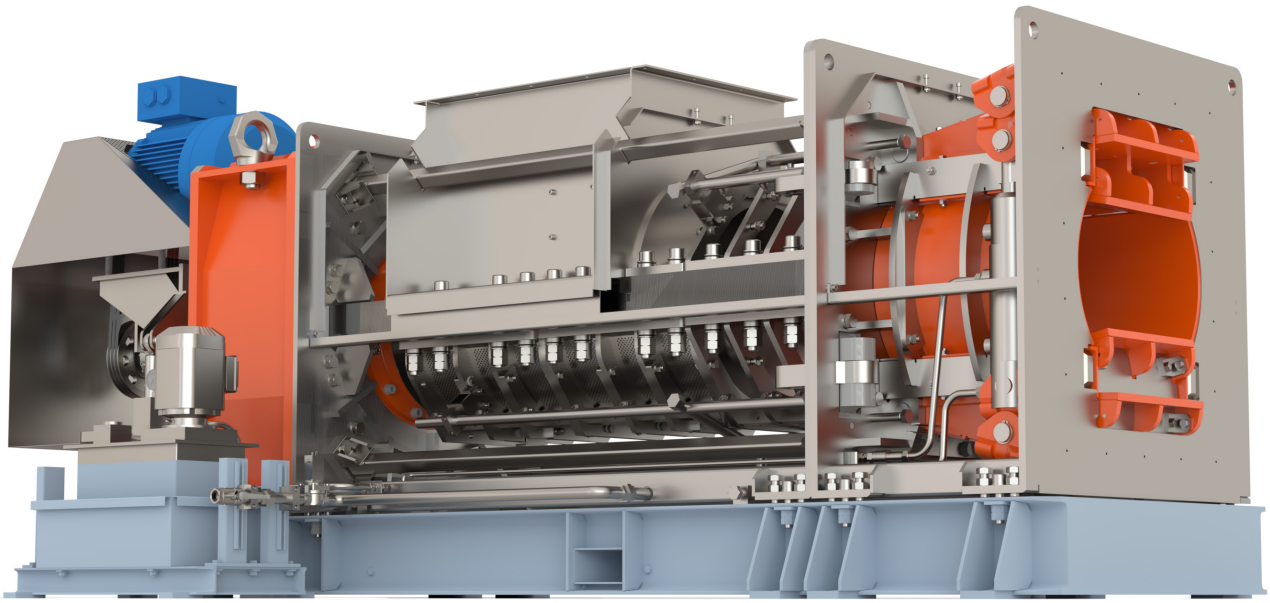
The SaveMaxx is designed to evenly load the screw in a centered and balanced manner resulting in higher pressures, less wear, and better final dryness. It can easily be fed with the rejects from your coarse screening.

The compactor features a large, conical reject chamber to prevent blockages and handle difficult debris. The rugged sure-footed base fabrication and cantilevered design provides long-lived operation and an easy access, low maintenance thickening solution.

Smart System Control

Kadant offers an optional programmable logic control unit for the SaveMaxx that monitors motor load and reverses automatically if blocked. The quick-access control cabinet features an easy-to-read touch panel and is mounted on a rugged steel frame with the hydraulic system.





Simple and universal assembly

Kadant SaveMaxx screw compactors can be assembled easily and universally. For maintenance, the press unit can be opened from both sides – left and right. The door hinge can be easily altered on site. As standard, both sides of the press provide supply connections for the control cabinet and hydraulic system.

Maximize dewatering with cost-saving efficiency, safety, and performance

Benefits

Economy

Reduces the high costs of reject disposal by providing optimal dryness

- Two hydraulic flaps insure the essential balanced back pressure needed for the very best dewatering results

Efficiency

Reusable screen baskets are bolted, not welded, into place

- Cantilevered design allows quick and easy assembly and maintenance

Safety

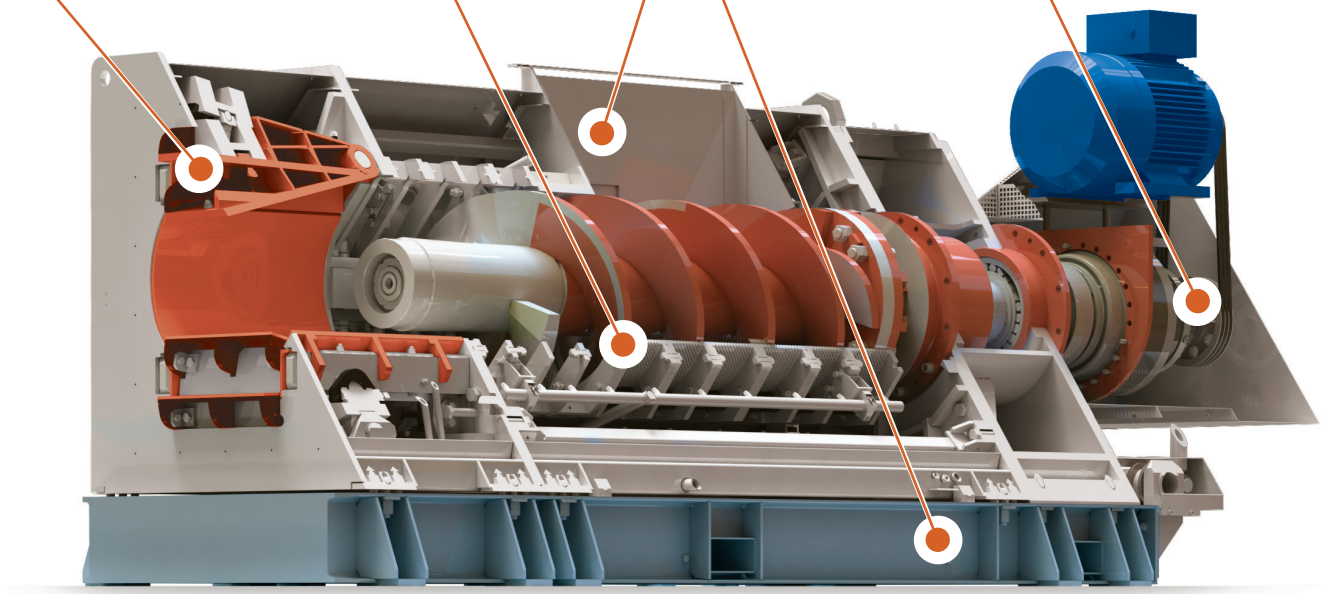
Durable stainless steel construction featuring covered easy access

- Large, conical debris passage easily handles coarse rejects
- Sturdy base fabrication and oversize tie-bars

Performance

Easy to install with a space-saving planetary gearbox

- Intermediate belt drive protects gears, screw, and screens from large debris blockages
- Variable speed drive allows for simple and quick speed changes



The Kadant SaveMaxx screw compactor: the efficient and economic way to dewater plastic rejects

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

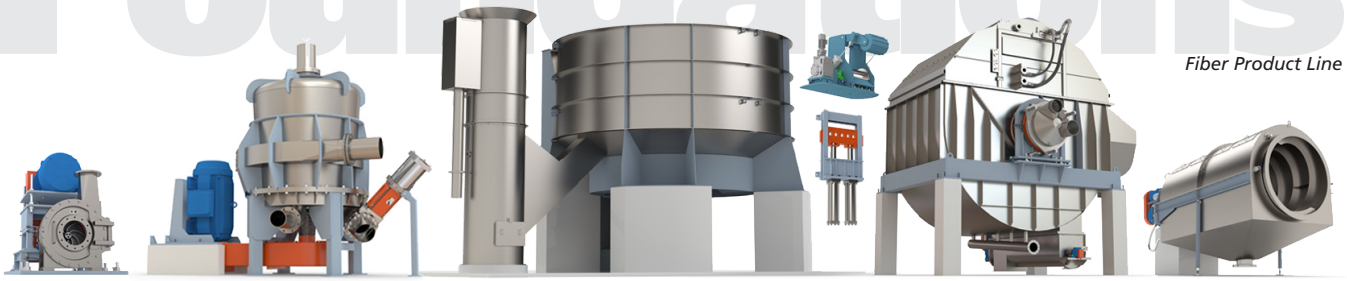
Our technical service and support teams are ready. We provide superior guidance in the planning, design, engineering, installation, and start-up of your systems. Our products and expertise cover the full range of stock preparation and pulping, including:

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

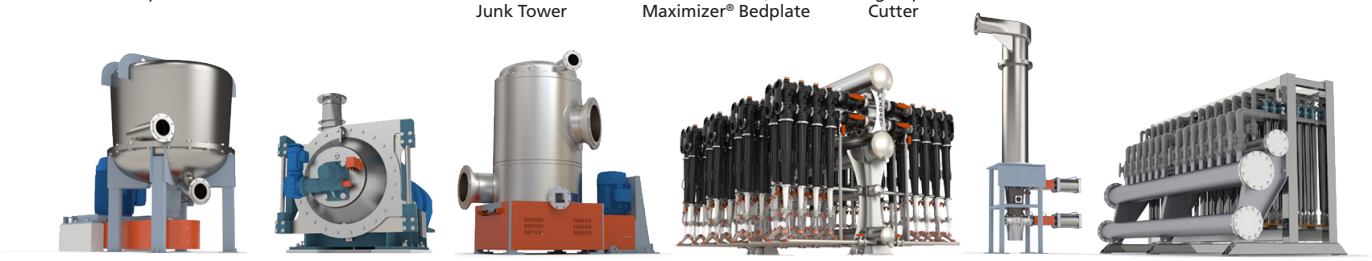
The Kadant Foundations product line offers a full range of fiber processing equipment and services.

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.

North America, Central America, and Japan:

Kadant Black Clawson LLC
1425 Kingsview Drive
Lebanon, OH 45036 USA
Tel: +1-513-229-8100
Email: info@kadant.com

China, Taiwan, and South Korea:

Kadant Fiberline (China) Co. Ltd.
STE 1960, Beijing Sunflower Tower
37 Maizidian Street, Chaoyang District, Beijing 100125 China
Phone: +86-10-65813011/12/13
Email: Marketing.KFC@kadant.com

EMEA, APAC, and South America:

Kadant Lamort SAS
39, rue de la Fontaine Ludot,
B. P. 30046
Vitry-le-Francois cedex 51302
Phone: +33-26-74-80-80
Email: kadant.lamort@kadant.com

Kadant Noss AB
Malmgatan 25
602 23 Norrkoping, Sweden
Phone: +46-(0)-11-23-15-00
Email: info.kadantnoss@kadant.com

SaveMaxx® Screw Compactor

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