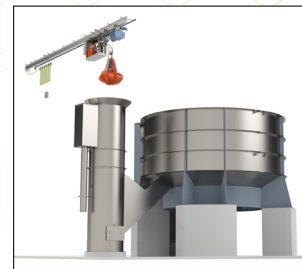
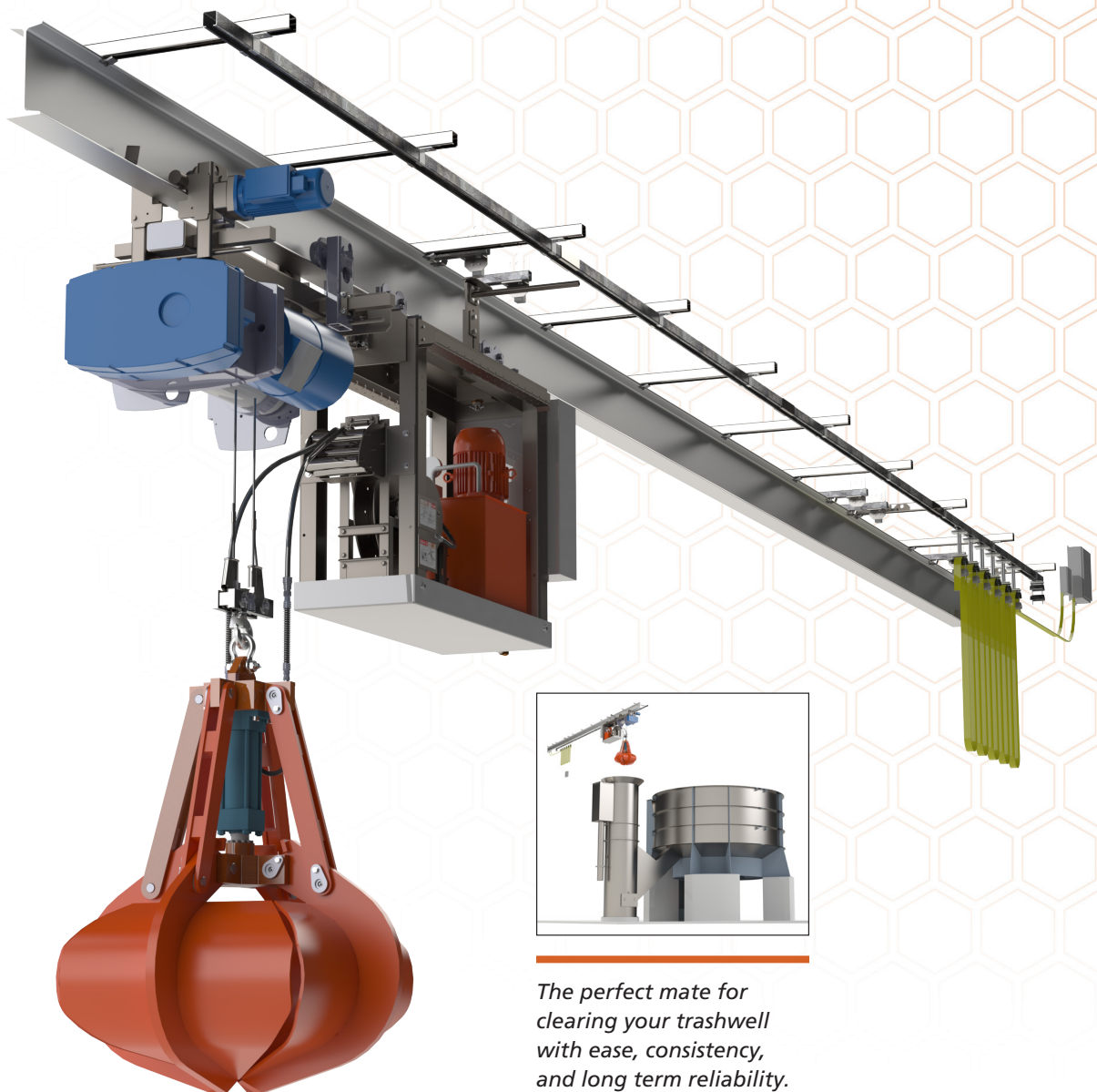


Automated Grapple Hoist

Labor-saving, automated operation for heavy contaminant removal at the pulper



The perfect mate for clearing your trashwell with ease, consistency, and long term reliability.

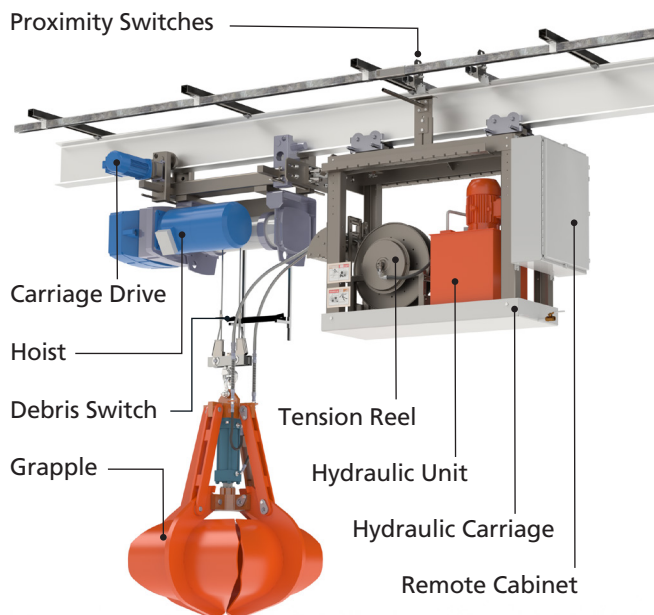
Automated Grapple Hoist

Our fully-automated, hydraulically-operated grapple hoist effectively removes heavy contaminants from the pulper trashwell. Designed and constructed to provide superior performance and long service life, this workhorse features digitally controlled integration with your detrashing operation cycle, timed to clear the trashwell when required.

Optional system monitoring estimates the load pick weight to optimize cycle time and report on furnish quality. The load cell also provides load weight feedback for sensing and minimizing slack in hoist lines.

Overall, this unit is designed for safe, low-maintenance reject handling for your pulper's trashwell. It provides precise positioning and control at every stage and offers worry-free, automatic operation for more efficient contaminant removal and a better bottom line.

Features-at-a-Glance



- ▶ **Packaged hydraulic system**
- ▶ **Two-speed drives** for hoist and trolley
- ▶ **Built-in rotary switches** and encoder for hoist position
- ▶ **Five proximity switches** for lateral grapple position
- ▶ **Load weight feedback** for slack line sensing
- ▶ **Optional weight monitoring** optimizes cycle time and reports on furnish quality
- ▶ **Optional four-wheel drive** for severe environments

Benefits



Heavy-duty construction

- ▶ Reliable service components with extended life operating cycles
- ▶ Forged and stainless steel construction



Improved performance

- ▶ Consistent cycling to prevent build-up of heavies
- ▶ Complete PLC automatic control interfacing with DCS for logging and alarming



Low maintenance

- ▶ Precise programmed control and slack line sensing ensures proper positioning
- ▶ Top-feeding orientation of tension reel minimizes hose and fitting wear
- ▶ Hoist bearings and gearing are oil lubricated for the life of the unit



Cost effective

- ▶ Automated operation saves labor cost previously dedicated to manual control



Safety in mind

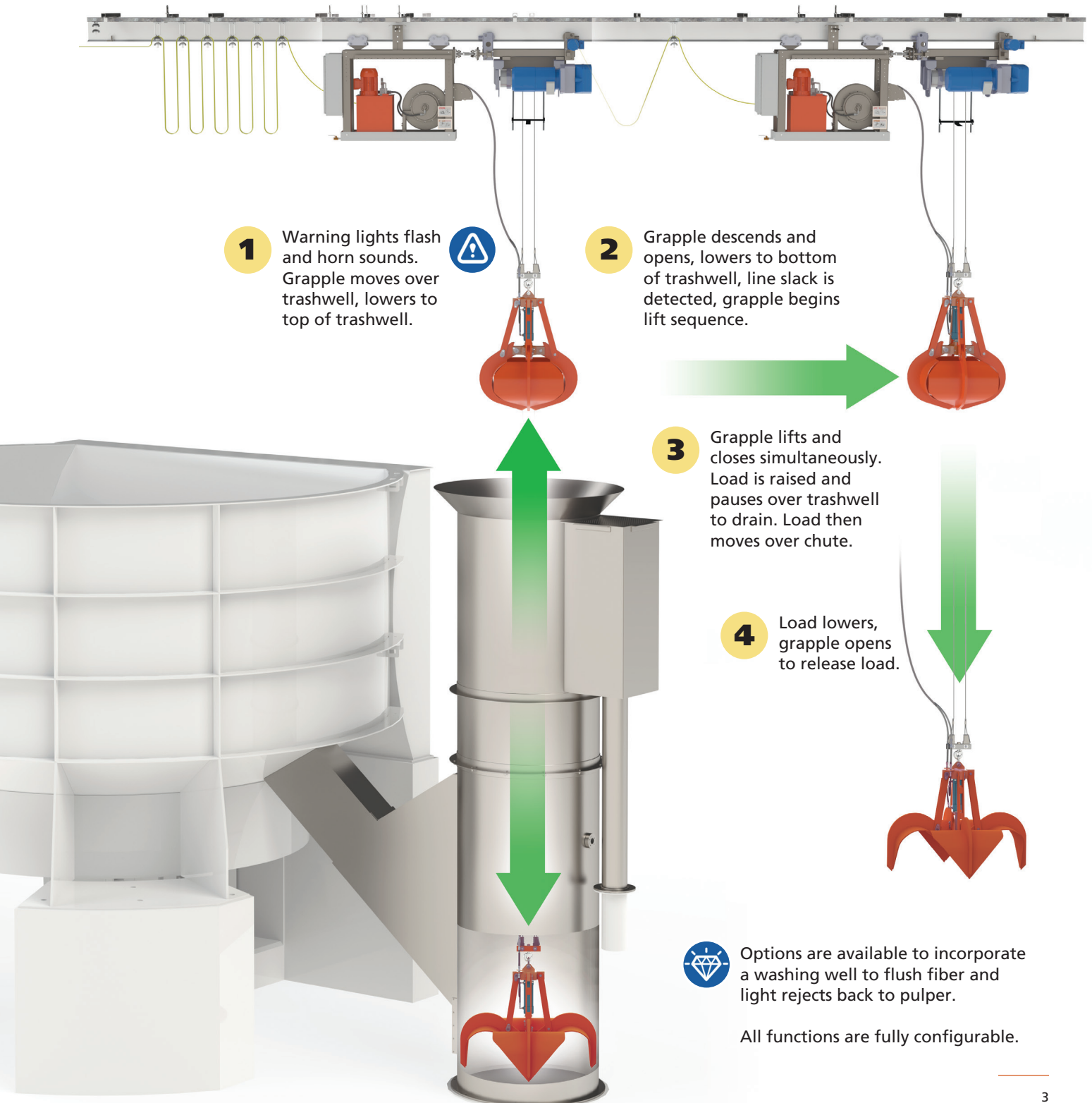
- ▶ Hoist cable jump alarm
- ▶ Debris switch protects cable spool area
- ▶ Sound and flashing light alerts

Wireless remote control pendant and programmable logic control



The articulate and intelligent right hand of any pulper

The Automated Grapple Hoist Sequence



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.

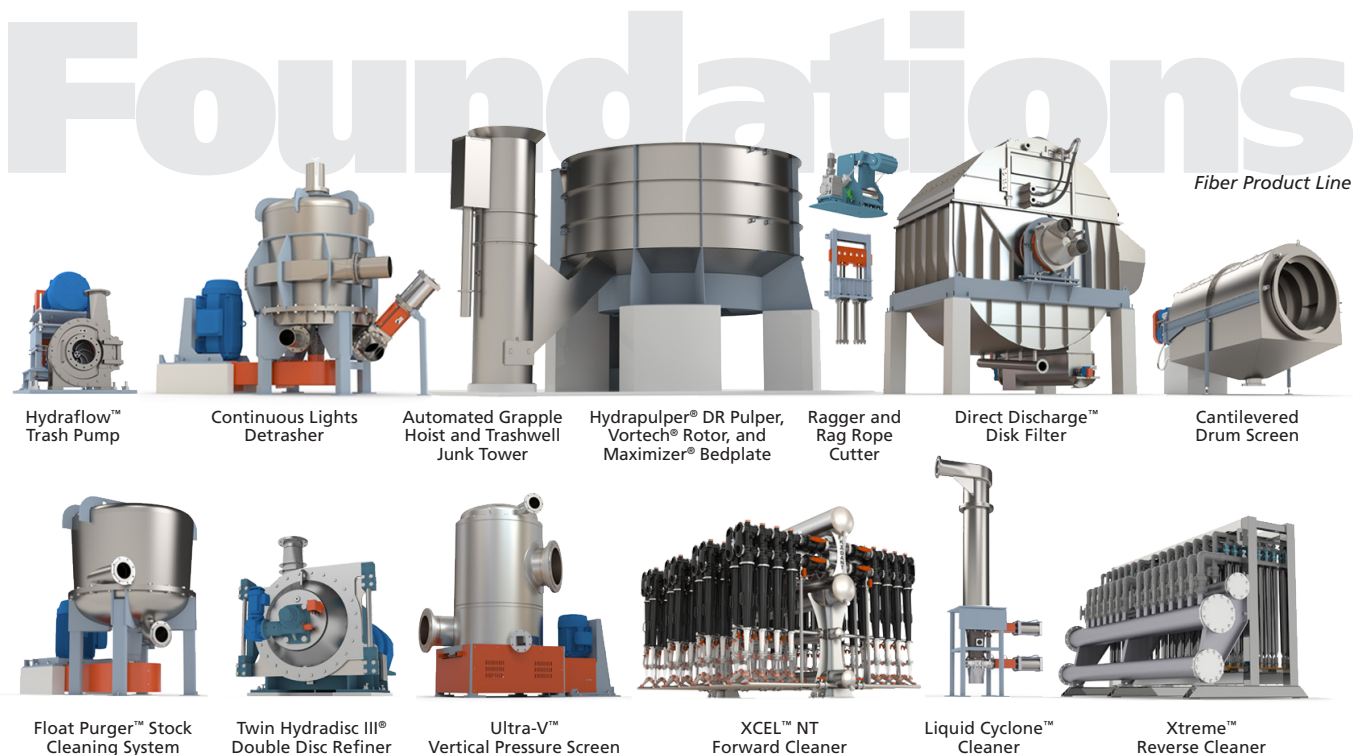
We have generations of experience, a history of innovation, and a proven record of success across the globe. Our skilled engineers, process professionals, application experts, manufacturing, and field service teams have thousands of successful installations to their credit.

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 Black Clawson **Foundations** product line offers a full range of fiber processing equipment and services.



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

KADANT

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Automated Grapple Hoist
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