

# BoosTEK Performance Pack

*Boost the performance of  
your screen system*



# BoosTEK

## Performance Pack



### Optimize Your Output with Kadant's New Articulated Stock Technology

The BoosTEK Performance Pack uses system pressure to amplify the breakdown of stock mats that form on, and ultimately block, the screen cylinder. This fluidizes your screening zone more completely and more frequently than rotor action alone, improving cylinder and rotor efficiency as well as prolonging wear life.

Kadant's proprietary technology improves the performance of the screen resulting in potential increases in capacity, improved contaminant collection, and a higher yield of clean pulp fiber.

The operational gains can have a significant positive impact on fiber processing. BoosTEK performance technology lowers energy consumption, while in other cases provides significant fiber yield improvements.

Installed on reject line of the screen, the gains can be both qualitative and quantitative. The BoosTEK Performance Pack's adaptive and intelligent technology reacts to the needs of the screen, optimizing the running conditions of the stock flow to maximize performance and output.

BoosTEK's small foot print fits neatly into existing screening configurations. It can be installed quickly and easily, providing fast results and a quick return on investment.

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### For screening systems in:

- ▶ OCC recycling
- ▶ Stock preparation
- ▶ Pulp mills
- ▶ De-inking
- ▶ Other screening applications

### Benefits



#### Increased savings

- ▶ Reduces fiber loss
- ▶ High cleaning efficiency
- ▶ Increases capacity
- ▶ Saves energy



#### Improved screen and rotor performance

- ▶ Optimized for maximized performance and flow
- ▶ Remove more stickies
- ▶ Uses less energy by reducing hydraulic load



#### Low installation cost

- ▶ Quickly and easily installed
- ▶ Small foot print
- ▶ Fast results with a quick return on investment



#### Low maintenance

- ▶ Durable simplicity for reduced maintenance
- ▶ Provides feedback to fine-tune device to the demands of different stocks



#### Heavy-duty construction

- ▶ Optimized design, built to last
- ▶ Durable construction eloquently controls screen flow

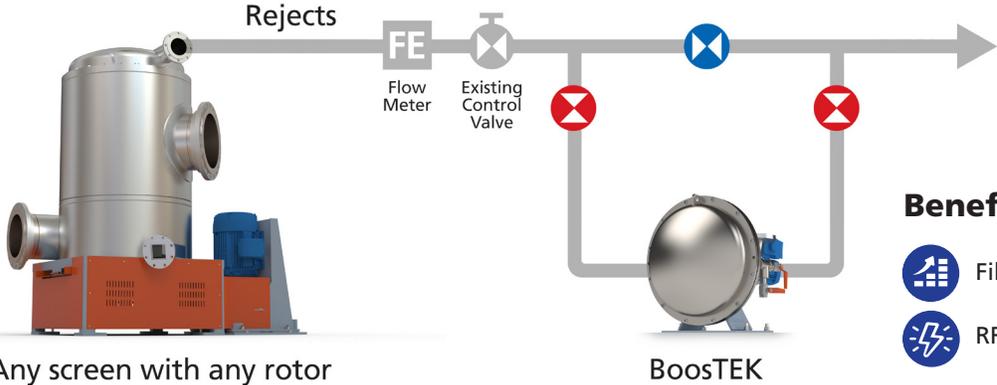


#### Safety in mind

- ▶ Safe access for inspection

# Boost the performance of your screen system

## Installation



## Benefits

- Fiber savings
- RRw, RRv reductions

Any screen with any rotor

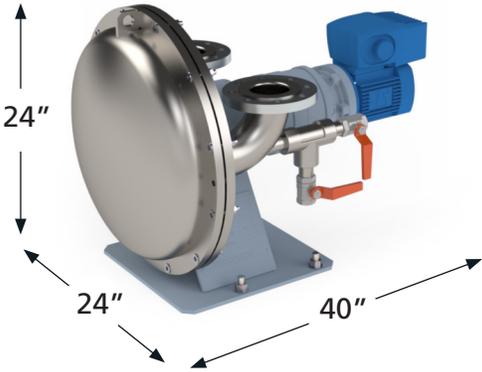
BoostTEK

## This easily installed, low-powered unit is available in five models

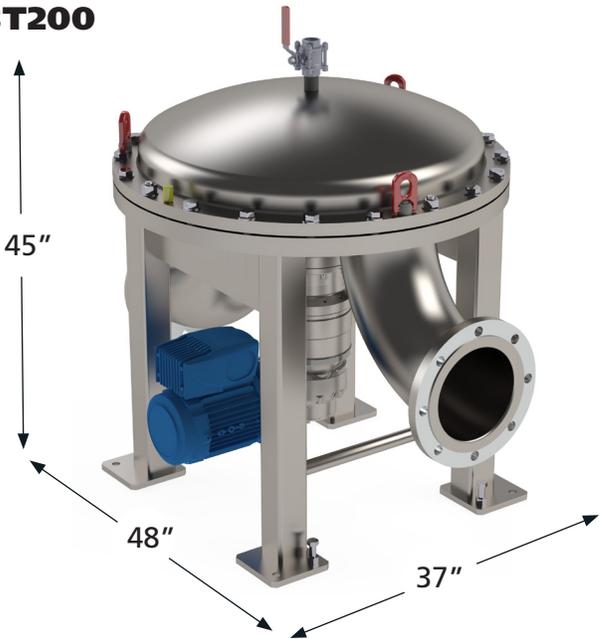
	BT50	BT80	BT125	BT200
Inlet Pressure	4 PSI (min)	4 PSI (min)	4 PSI (min)	4 PSI (min)
Treated Flow (Reject)	22 GPM	200 GPM	440 GPM	880 GPM
Flange Connection	2"	3"	5"	8"
Installed Power	0.5 HP	0.5 HP	0.5 HP	3 HP

Specifications and information subject to change without notice.

### BT80



### BT200



## 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.

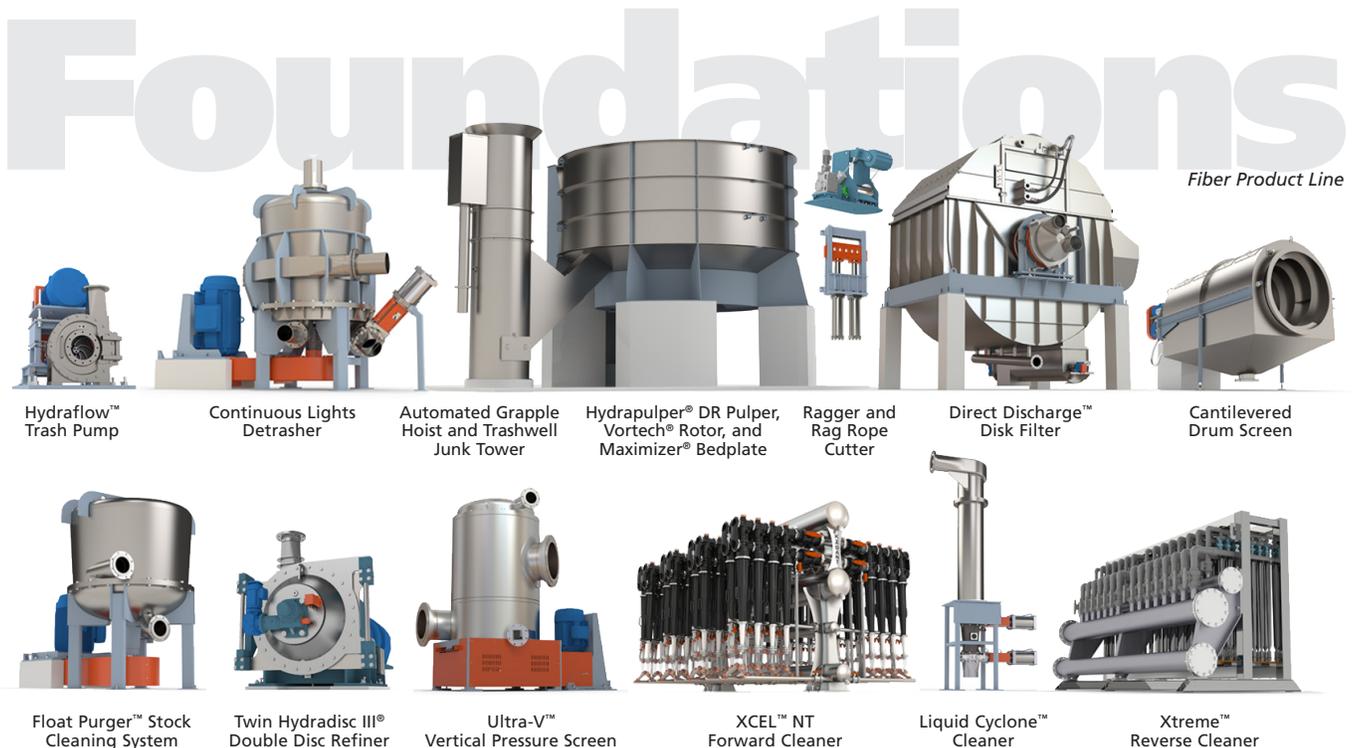
We have generations of experience, a history of innovation, and a proven record of success across the globe. Our skilled engineers, process professionals, application experts, manufacturing, and field service teams have thousands of successful installations to their credit.

## 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 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

[fiberprocessing.kadant.com](https://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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