

Gravity Strainer System

Applications

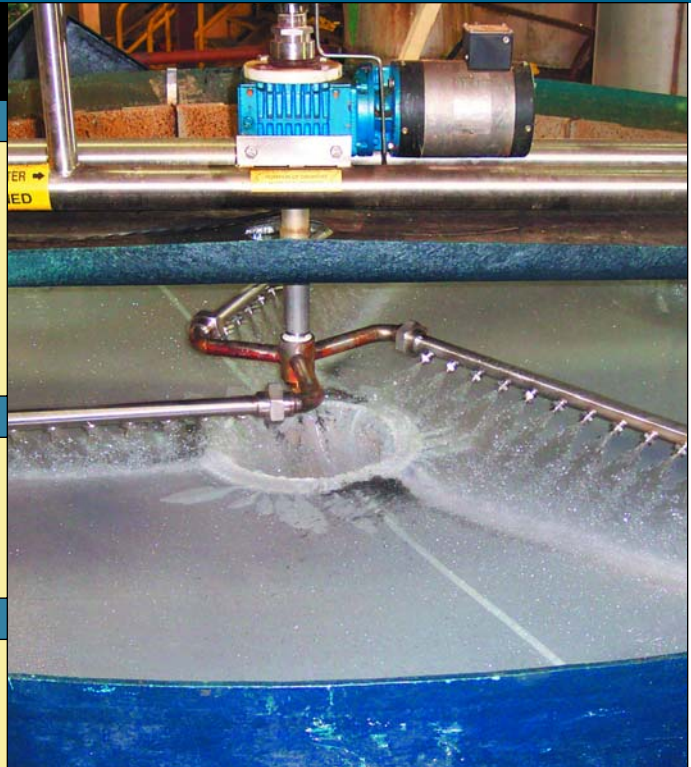
Kadant's patented slip-on gravity strainer screen system is designed for rapid screen replacement for a wide range of gravity strainer applications including polishing whitewater for showers, removing felt hairs from recycled press water, vacuum pump seal water, deckers, stock washers, and save-alls. It is included with all new Kadant AES gravity strainers and can be retrofit to existing gravity strainers.

Features

- ▶ Rapid screen replacement in 15 minutes or less
- ▶ Inflatable seal designed for easy visual inspection
- ▶ No sieve assembly to remove or disassemble
- ▶ No shower arms to disconnect, no screws to turn

Benefits

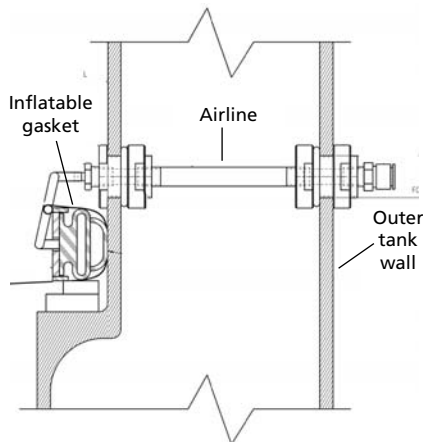
- ▶ Significant time and labor savings to replace screen
- ▶ Minimize fiber by-pass due to torn screen or seal failure
- ▶ Replace screen in less time than making a repair



The slip-on screen can be replaced in 15 minutes.

Revolutionary sealing system

Conventional gravity strainer designs utilize a gasket located under the sieve assembly. Visual inspection for leaks is nearly impossible until the sieve assembly is removed or contaminated filtrate is discovered. Kadant's patented slip-on screen system features an inflatable seal that traps the screen between the tank wall and the seal. This prevents contaminants from reaching the accepts and provides for visual inspection during routine maintenance.



Inflatable gasket and airline through tank wall.

Save time and money on screen replacement

Replacing a conventional gravity strainer screen can take up to 16 man-hours and increase maintenance downtime. Kadant's slip-on screen system with its inflatable seal design makes change-out fast and easy – usually completed in less than 15 minutes.

Maximize production uptime, reduce plugged shower nozzles

The slip-on gravity strainer screen incorporates Kadant's process expertise in water management with decades of experience designing and optimizing cleaning and conditioning systems for paper machines. Contaminants passing through a hole in the screen cause plugged shower nozzles, production issues, and off-quality product. Rather than wait until the next scheduled shut-down to replace the screen, the slip-on screen allows for on-line screen replacement for maximum uptime.



Inflatable gasket on ring and airline connection.