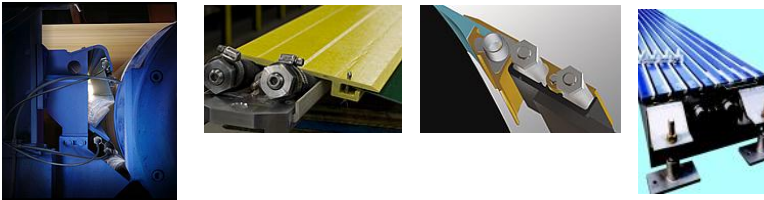


KADANT PRODUCTS

For more than a century, Kadant companies or their predecessors have been delivering smart and efficient solutions to process industries. As a global leader in fiber processing, fluid handling, water management, and doctoring systems, our products and technologies are used to improve productivity and enhance energy utilization in industries ranging from paper to plastics and textiles to tries

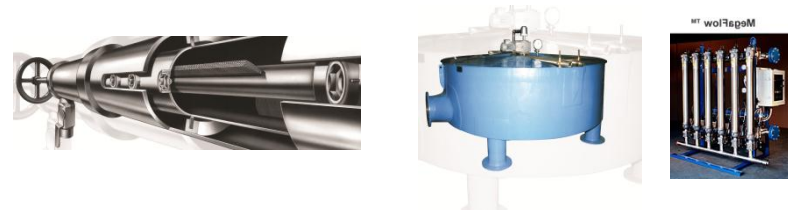
Doctoring System / Accessoires

Doctor blades
Doctor blade holders
Doctoring systems
Profiling Systems
Parts and components
Installation and alignment
Tools
Water boxes



Water Management

Spray nozzles
Oscillating showers
Stationary showers
Traversing showers
Mist eliminators
Wear Surfaces
In-line filters
Filter media
Multiple barrel pressure filters
Strainers
Forming systems and blades



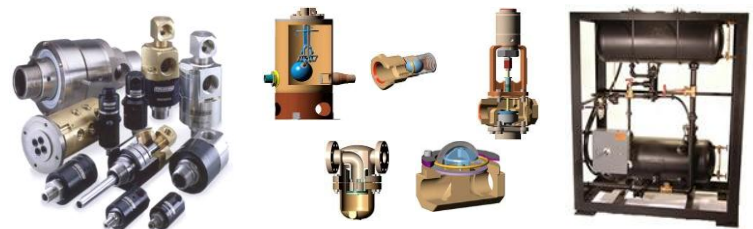
Water Management Nozzles

Kadant provides a broad range of nozzles for various industries. With the majority of nozzles constructed of rugged, wear resistant 316L stainless steel, Kadant nozzles handle the most severe environments. As an enhancement for worse-case applications, exclusive Arrestech™ plating technology is available upon request.



Fluid Handling

Rotary joints and unions
Syphon systems
Thermocompressors
Desuperheaters
Steam systems
Dryer management system
Vacuum breakers
Steam and air separators
Steam-powered pumps
Sight flow indicators
Flexible metal hose
Turbulator bars



ALLIMAND Products

PULP PREPARATION

- Pulpers
- Deflakers
- Disc Refiners
- Conical Refiners



WINDER

Robust construction ensures high cutting and winding stability at high speed:

- good adaptation flexibility to various types of papers.
- straightforward operation, cycle controlled by PLC.
- fully preassembled, prewired and tested for delivery.
- quick installation on site.

The winders are essentially comprised of:

- Unwinding station
 - Sheet tension by brake generator or mechanical brake
 - Core evacuation device
 - CD Hydraulic adjustment, + or - 50 mm
 - Manual station adjustment on operators side, in the longitudinal direction: + or - 25 mm
 - Emergency disk brake
- Reeling station
 - Spreading by spreader rolls and bars
 - Tail threading system by blowing and nozzles conveyor
 - Shaftless winding
 - Rider roll relief by hydraulic cylinders
 - Drum torque control
 - Lowering cradle, used as a guard
- Slitting section
 - Slitting by individual driven slitters or slitter roll
 - Manual or automatic (computer-assisted) slitter positioning
 - Special driven sectional roll for sheet tension measurement
 - Trim chutes nozzle



PAPER MACHINES

- SII Hydraulic box
- FP & SFP Headboxes
- ISA Inertial shake
- Wire parts
- Formers
- Press section
- Dryer section
- Size Press – A-Sizer
- Calender & Rollers AcR
- Reels



VACCUM PUMPS



The ALLIMAND pumps designed for paper industry have one dominant market shares thanks to their reliable, robust technology, particularly suitable for this environment.

Special stainless designs are adapted to paper mills which operate in closed-circuit.

The flow rate extends from 2 to 200 m³/mn for the vacuum pumps. Many compressors are also manufactured.

Construction properties:

- Radial distribution towards the rotor ensures best filling coefficient between pump pales.

Service

ALLIMAND SERVICES – Solutions and a taskforce

- On-site study
- Diagnosis and solutions
- Preconditioning and renewal
- Supply of components and spares
- Maintenance and repair