

Yankee Solutions

Products and Services Engineered to Optimize Performance on High-Speed Tissue Machines

Conformatic™ AL Blade Holder

The Conformatic AL creping holder incorporates the latest technology bringing blade holder performance to the next level. Significant upgrades to the holder's adjustability was achieved with a proprietary adjustment mechanism allowing for precise control of the holder profile without the need for edge fingers. The Conformatic AL creping holder can be used in all Yankee doctor positions including cut-off, creping, and cleaning.



Conformatic™ XL Blade Holder

An industry standard for Yankee holders, the robust design can be used for high-load applications up to 80 PLI. Blade adjustment and edge relief finger system provide precise adjustment to the Yankee crown. There is a backup blade and tube for uniform pressure, and open design for hygiene. Parts and accessories are readily available for all components.



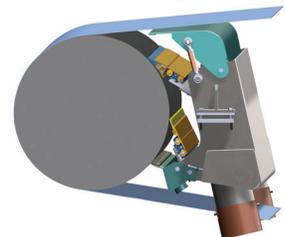
Yankee Dryer Cleaner™ Device

The patented Yankee Dryer Cleaner device effectively and safely removes coating from the Yankee dryer surface. Regular Yankee dryer surface cleaning during downtime is important. Removing coating is critical if chatter marks are developing, which can migrate across the face and into the Yankee surface. The device is lightweight, easy to handle, and requires minimal manpower. A variety of application specific pads are available for cleaning and polishing the Yankee surface. When used regularly, it can act as an effective chatter management device and prevent the need for Yankee grinds.



Suction Pressure Roll Double Doctor System

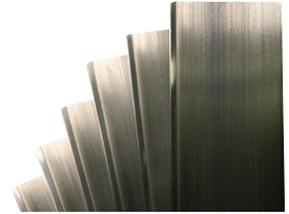
The Suction Pressure Roll Double Doctor System with patented Airset™ B holder is designed to remove water from suction pressure rolls. Water removed at the suction pressure roll does not rewet the felt and sheet. This has significant impact on tissue quality, runnability, and energy consumption. The Airset B blade holder enhances vacuum behind the blade and increases the water being drawn out of the roll surface. The Suction Pressure Roll Double Doctor System can be incorporated into an existing save-all pan or can be provided as a complete save-all pan/double doctor combination.



CeraEdge™ L and CeraEdge S Creping Blades

The CeraEdge L creping blade is recommended for applications benefiting from long blade life resulting in high productivity, asset utilizations, and tons per day. It is thermally stable which reduces blade buckling, twisting, and warping.

The CeraEdge S creping blade provides a distinctive product with a unique ceramic tip. It is recommended for applications requiring high tissue softness and is suitable for relatively dirty furnish due to its insensitivity to particles and contaminants.



ProCrepe® Plus Creping Blade

The patented combination of the steel alloy and manufacturing techniques has been specifically developed to produce a creping blade with a tightly controlled micro-structure resistant to wear and less aggressive than steel. The contact area of the ProCrepe Plus creping blade remains sharper for longer than steel and this enables the blade to be used to produce a higher quality sheet for a longer period.



Steel Creping Blade

A full range of steel creping blades are available in a variety of hardnesses, widths, thicknesses, and custom bevel configurations. Steel creping blades are manufactured utilizing the latest processing equipment to exacting quality standards.



Yankee Doctor Systems

Kadant offers a complete line of creping, cleaning, and cutoff doctor solutions and related components such as oscillators and bearings. Doctor systems are custom designed for each application taking into consideration all machine and process variables so the equipment can be operated with minimal risk of vibration and Yankee damage.



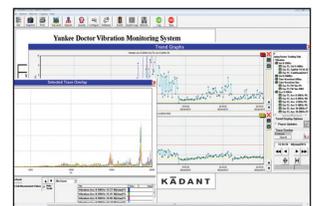
Yankee Safe™ Program

Qualified service technicians troubleshoot problems, check, set, align, and profile Yankee doctors to maintain optimum performance and ensure safe and reliable operation. Our qualified service technicians bring with them over 85 years of doctoring experience in the tissue industry. The Yankee Safe Program includes physical inspection of all mechanical components of each doctoring system including: mounting brackets, bearings, journals, doctor structure, blade holder, levers, air cylinders, oscillation, and other equipment. The blade angle will be adjusted to the specific application. The holder profile is checked and necessary adjustments are made to ensure a proper blade-to-surface fit.



Vibration Monitoring and Smart Cartridge Blade Sensor

Kadant monitoring equipment provides important real time diagnostic feedback, so you can understand what's really happening in your process and learn to respond and avoid problems before they occur. The vibration system provides visual representation of vibration occurring at the doctors while the smart cartridge provides load and friction feedback directly from the blade tip. These user friendly and customizable solutions reduce risk and improve the safety of the Yankee.



Yankee Spray Boom

Yankee Spray Boom systems are custom-designed for each application and include features to ensure complete, even coverage and uninterrupted operation. Typical systems include:

- Triple coverage with edge overspray
- Oscillation
- Quick release nozzles
- Shower pipes designed to prevent solids build up on internal surfaces
- Redundant shower pipes

