Advanced blade holder technology

The Airset-T blade holder utilizes an integrated air cavity to direct air flow at the tip of the blade for cleaning grooved rolls and belts. The doctor blade removes debris from the surface of the roll, while air blows water out of the grooves, providing a clean and dry roll entering the in going nip. The compact design easily retrofits existing holders, requiring little or no doctor repositioning. In addition, the AirSet-T holder will not damage the roll or fabric surface if contact is made inadvertently.

Efficient air doctoring of grooved rolls and belts can result in improved dryness, better nip dewatering, decreased sheet breaks, and improved felt life. And the total cost of ownership is also lower with the AirSet-T blade holder system. The consumable item is the doctor blade and not the holder itself. This results in reduced maintenance time for replacing the blade and lower operating costs over the life of the doctoring system.

Building on the innovative brands of Vickery, Lodding, and Web Systems, Kadant is recognized as a leader in the development and manufacture of doctor blades, blade holders, and doctor systems. We offer a wide range of patented metal and synthetic blades for application-specific installations, and a full line of profiling equipment for curl control and improved moisture profiles during coating, laminating, printing, and sheeting processes.

For more information contact your local Kadant District Manager.