Critical Roll Doctoring

Applications

Higher machine speeds and recycled furnish have necessitated the use of multiple blades to doctor press rolls. The Dual doctor system is engineered for use in top press and center press roll positions.

Features

- Robust construction and proven design
- Common journal with two independent doctors
- Optional integrated shower located between blades
- Available with UniTrak™ removal system

Benefits

- Superior doctoring and sheet removal
- Cleaner and more efficient roll surface
- Second blade enables roll conditioning
- Maintenance friendly
- Easy blade change

Efficient and reliable cleaning

With the wider use of recycled furnish and even higher machine speeds, it has become necessary to doctor press rolls using two blades.

The combination of speed and the nature of the roll covering can create a vacuum between the back of the blade and the surface of the roll. This can result in the accumulation of fibers and fillers underneath the blade reducing doctoring efficiency and sheet quality while increasing the risk of sheet breaks.

The Kadant Dual™ doctor consists of a carefully designed combination of doctor blade holders and cleaning shower. The fibers are put into suspension by the first blade and shower for easy removal by the second blade. This design also enables the easy independent adjustment of both blades for proper alignment to the roll and the correct angle for the application. The single journal for this system requires only one set of bearings and one oscillator for both structures.