KĀDANT

DOCTORING, CLEANING, FILTRATION

VID[™] Forming Technology



Kadant provides patent protected VID blade designs specifically for your existing forming structures based on grade, speed, and furnish as well as your goals for speed increases, formation improvements, and sheet characteristics. Having tools that can manage both activity and drainage, allow the papermaker to maximize machine performance. Competitive designs attempting to imitate the VID blade technology often increase drive loads and reduce retention.







Pre-VID Formation

Post-VID Formation

Overview

Features

- Patented blade design based on propriety algorithms
- Custom designed blades for speed and grade
- Controlled activity capability

Benefits

- Improved formation and sheet quality
- Enhanced forming system drainage capacity
- Improved machine efficiency and productivity
- Easy installations
- Control activity and optimize fourdrinier drainage performance



- Induces counter flows through wire
- Promotes thickening mechanism
- Provides increased drainage

- Low DP improves retention
- Induced vacuum deflects wire



VID Components

Blade Elevation



Blade elevation controls inertial activity and allows for various profiles to be applied on the same structure



Controlled VID activity on linerboard machine

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Kadant is a global supplier of high-value, critical components and engineered systems used in process industries worldwide.