Mist Eliminators

Effective forming fabric cleaning and reduced wet end sheet breaks.
Optimize Fabric Cleaning

Double-Sided Systems

Double-Sided Cleaning System
This system features inside and face side high-pressure cleaning showers that are integrated into dual vacuum structures installed on opposite sides of the fabric. This configuration provides effective cleaning and complete mist containment. Kadant considers machine variables such as speed, fabric permeability, caliper, and grades to properly size airflow, vacuum requirements, and dwell time for the most efficient mist elimination. Kadant takes responsibility for system engineering, including piping design as well as the structures, separators, exhauster, and associated equipment.

Double-Sided Mist Eliminator Installed on Bel-Bond

Running Position

Double-Sided Showering

207" (5.25 m) fabric at 3600 fpm (1100 mpm) and 150 psi (11 bar) shower.

207" (5.25 m) fabric at 3600 fpm (1100 mpm) and 350 psi (25 bar) shower.
Gap formers offer special challenges for contamination control. Speeds are high and the “free span” of the fabric is short. Conventional mist elimination techniques are difficult to apply because air volumes become excessive. However, using a combination of proper showering, mist elimination, and deflectors, gap former operation can be greatly enhanced.

Cleaning against a roll face provides the cleanest wire for gap formers. The Kadant Gap Former Mist Eliminator combines this cleaning technology with our mist elimination expertise to provide the best system in the market place for cleaning the fabric and removing mist.

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**Overview**

**Features**
- Complete system supply or retrofit of existing systems
- Clean design using 316L stainless steel
- Customized applications sizing based on grade, speed, degree of contamination
- Proven Kadant components: showers, oscillators, wear surfaces, separators

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**GAP Former**
High-Pressure Oscillating Showers with EMO III

Overview

Benefits
- Increased profitability by reducing wet end breaks
- Improved safety by minimizing dangerous slippery areas
- Maximize uptime due to fewer wet end wash-ups
- Minimize sheet defects and holes

Cantilever Design