

# Mist Eliminators



Effective forming fabric cleaning and reduced wet end sheet breaks.

# Optimize Fabric Cleaning

## Double-Sided Systems

### Before Mist Eliminator



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

### After Mist Eliminator

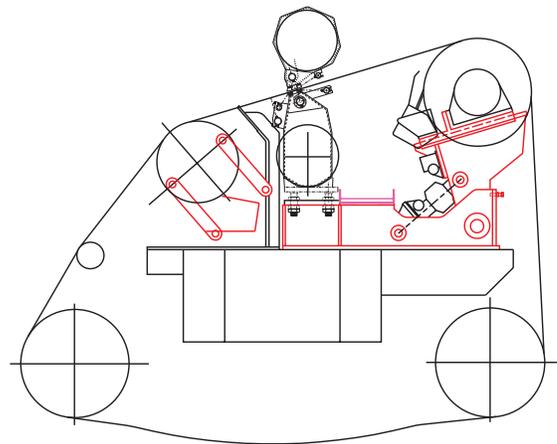


207" (5.25 m) fabric at 3600 fpm (1100 mpm) and 350 psi (25 bar) shower.

### Double-Sided Cleaning System

This system features inside and face side high-pressure cleaning showers that are integrated into dual vacuum structures that are 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.

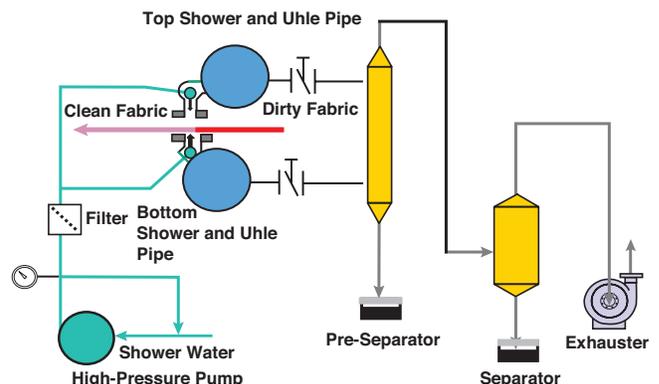
### Running Position



### Double-Sided Mist Eliminator Installed on Bel-Bond



### Double-Sided Showering

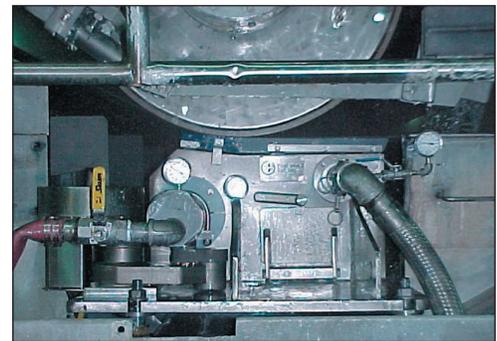
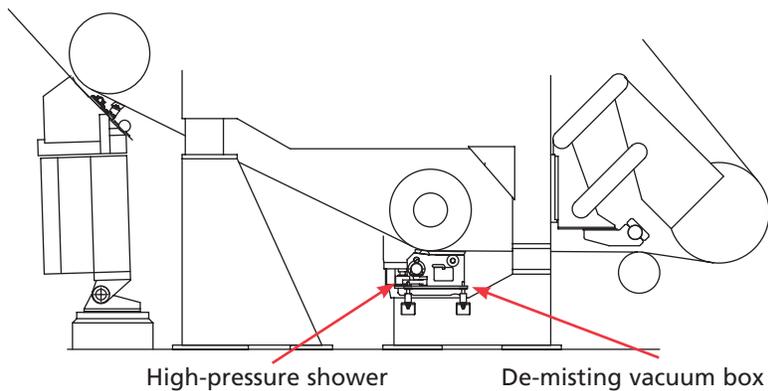


# GAP Former Systems

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.

Deflector assembly



Tending Side

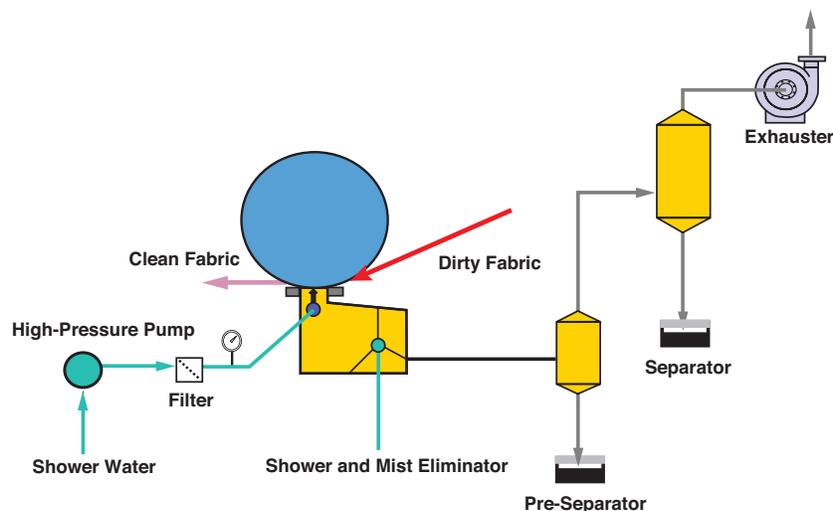
## Overview



### 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

## 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

