The M-clean tissue fabric cleaning system is built on Kadant’s proven fabric cleaning knowledge developed in our R&D facility and optimized in recycled paper and packaging applications with hundreds of installations across Europe, Asia, and North America.

The cleaning system incorporates application-specific water pressures and nozzle sizes and configurations to ensure effective yet gentle fabric cleaning. As a result, users have experienced reduced holes, fewer sheet breaks, and less downtime attributed to fabric cleanliness issues.

The M-clean tissue fabric cleaning system can be operated continuously or intermittently. The system can be programmed to provide additional cleaning at specific fabric points.

The M-clean tissue fabric cleaning system’s reliability is recognized as one of the highest in the industry and the elegant design accommodates fabric changes as well as ease of maintenance. A vacuum system is incorporated into the system to ensure debris accumulation in the water loop is minimized and mist from the cleaning nozzles is eliminated.

**Overview**

**Features**
- Stainless steel beam and traversing shower components
- Continuous, one-pass cleaning
- Optional active vacuum for debris removal
- Ease of maintenance

**Benefits**
- Reduced number of holes in sheet
- Fewer sheet breaks
- Less passivation and cleaning chemicals
- Decreased water consumption by up to 95%
- Reduced second quality due to holes
- Reduced pump energy for high-pressure, full-width shower
- Increased internal broke usage
- ROI less than one year
On a 1,600 mpm (5,250 fpm) twin-wire machine, the M-clean tissue fabric cleaning system reduced shutdown time by 70%, from 3.7% to 1.4%. Not only can the number of shutdowns be reduced, but also the shutdown time.

Does your tissue fabric look like this?

Typical hole size with virgin and recycled paper production from 2 mm to 10 mm.

2 to 10 mm
2 to 6 mm