CASE STUDY

M-clean™ Forming Fabric Cleaning System

Challenge  A southern U.S. paper mill was experiencing increased repair and maintenance on their aging AccuJet beam. Machine productivity and efficiency was being impacted by the increased frequency of equipment maintenance.

Solution  Kadant supplied three M-clean forming fabric cleaning systems. One for the primary and one for the secondary Bel-Bond. The third is a spare which the mill plans to rotate with the installed beams when maintenance is required. Maintenance is expected to be infrequent because the new beam design is optimized for reliable operation and minimal wearing components.

The nozzle head uses five jet nozzles between 400-475 psi and an additional nozzle for low-dosage chemical additives.

Results  Everyone involved at the mill was impressed with the design and ruggedness of the beam and the functionality of the control system. This system could be installed on other similar applications or even a tissue machine running any kind of recycled fiber or OCC furnish.

Highlights

• M-clean forming fabric cleaning systems improve machine runnability.
• M-clean forming fabric cleaning systems improve paper quality.
• M-clean forming fabric cleaning systems efficiently clean all types of surface contaminations.