

M-clean™ Cleaning System

Case Study

Challenge A western U.S. paper mill was experiencing significant build-up on the dryer felts of its brown paper machine. The build-up on these felts impacted heat transfer and caused poor basis weight and moisture profiles, sheet defects, and breaks.

Solution Kadant Solutions installed an M-clean cleaning system with three beams to remove the stickies and build-up from the felts.

Results The M-clean cleaning systems were able to clean the dirty felts to almost new condition. The mill realized a 13% decrease in CD moisture, a 40% decrease in CD basis weight, and a production increase of 7% on its heaviest grade – setting a new daily production record.

Market Insights

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



View of first section dryer felt before cleaning



View of M-clean cleaning system in operation



View of Unirun dryer felt during cleaning cycle