Challenge  A US paper mill, producing heavy weight fiberboard for the construction industry, was experiencing production problems with wire cleanliness and fiber build-up on wire return rolls. The mill was also taking six to eight hours to change fiberboard weights.

Solution  As part of a comprehensive solution, Kadant installed three Genesis high-pressure, double-tube oscillating cleaning showers and one stationary roll cleaning shower. In addition to the showers, a two-barrel MegaFlow multiple filter was installed to protect the shower nozzles and a doctor assembly.

Results  The mill has reduced fiberboard weight changes from eight hours down to 30 minutes. With the installation of the Genesis shower system, MegaFlow filter system, and doctor assembly the mill is also experiencing:

- Improved production
- Improved wire life
- Elimination of fiber build-up on wire return rolls

Market Insights

- Complete, comprehensive system solution.
- Kadant cleaning and filtration systems allow for easy installation.
- Kadant cleaning and filtration systems require little maintenance.
- Cleaning and filtration systems improve machine runnability and increased production.