Challenge: A Midwest box manufacturer was experiencing frequent nozzle plugging problems with its existing linear-brush shower system inside its HP shower used on the forming fabric.

Solution: Kadant provided a Genesis double-tube shower with an Auto Brush Rotator and EMO™ III SP oscillator.

Results: The Genesis double-tube needle shower on its PM2 with EMO III SP oscillator and Auto Brush Rotator now runs with up to 95% of its nozzles open compared to 66% of the nozzles open with the previous equipment. The rotator timer is set to clean the nozzles every four hours. As a result, the mill has installed two Genesis Auto Brush Rotators.

Highlights:

- The Genesis Auto Brush Rotator has low voltage operation and controls (48 vdc).
- Improves safety around the machine.
- Increases productivity due to less nozzle plugging and improved moisture profiles.
- Uses “smart motor” technology.