Challenge
A Swedish paper mill was experiencing silicon-based residue making its way onto the dryer fabrics and other places in the machine. The residue negatively impacted the machine stability, runnability, speed, and end-product quality.

**Dimension Data Paper Machine:**
- Operating machine speed: 250 mpm
- Fabric width, approx: 4500 mm
- Fabric length: 27 m
- Trim paper width, approx: 4200 mm
- Paper grade: Release paper (silicon-based)
- Base weight range: 36-65 gsm
- Furnish: Wood pulp

Solution
Kadant M-Clean installed a MultiJet Twin S cleaning system on its number 5 dryer, top position.

Results
The mill has experienced a significant increase in cleaning efficiency and eliminated the silicon residue. The original plan for the mill was to install a second unit on the machine. However, the higher-than-expected efficiency improvements of the one unit led the mill to conclude that one unit was sufficient.

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

"We were hoping it would be better than the other systems, but not this good. We have no problem at all with the silicon residue anymore."
- Production Engineer

"The money spent on this unit has shown to be a very good investment."
- Production Manager