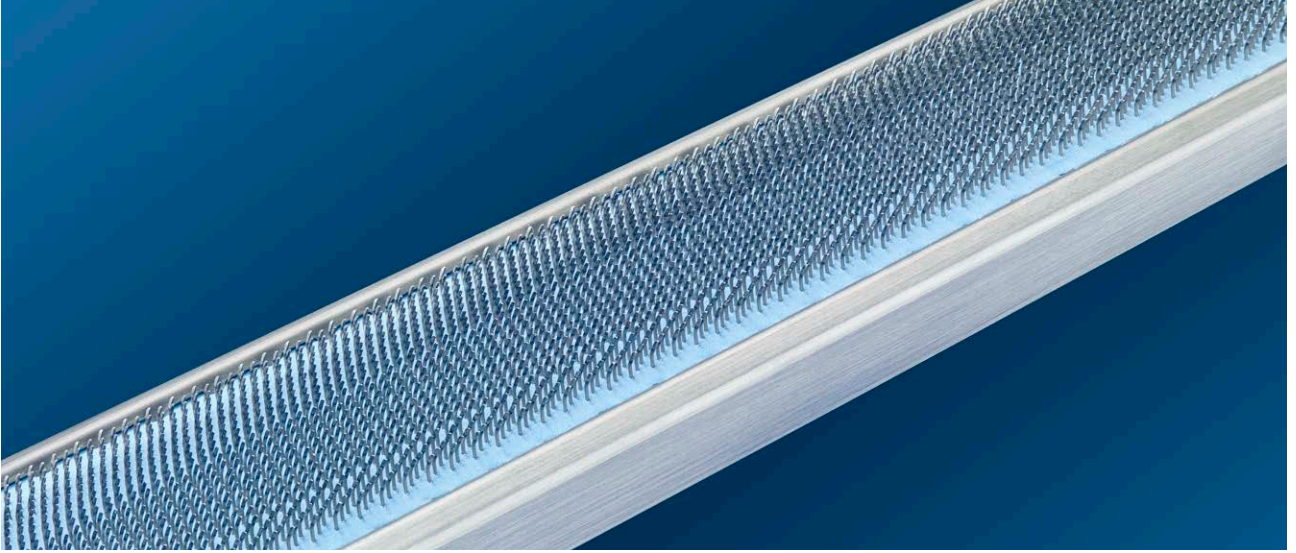


Gülle Achieves Unparalleled Good Fiber Savings with HYPERTOP Flexible Flat



Gülle Entegre Tekstil İşletmeleri AŞ, founded in 1970 in Türkiye, operates a fully integrated production chain from yarn production to printing and holds a strong position in both domestic and international textile markets. Aiming to improve fiber yield, the company has employed Graf HYPERTOP flexible flats. HYPERTOP, with its Swiss Engineered tooth shape, has proved to be a powerful tool for optimizing fiber processing, enabling Gülle to not only improve fiber retention, but also enhance yarn quality and reduce waste across its operations.

The Challenge

Gülle continuously strives to make a positive impact on the environment by optimizing fiber yield in its spinning mill. They were looking for a way to further improve fiber efficiency and reduce waste, while maintaining high yarn quality standards.

In addition, Gülle wanted to ensure that these improvements would fit in with their existing machinery and production infrastructure without requiring major modifications.

Introducing Graf HYPERTOP

Developed in collaboration with Graf engineers and customized for Gülle by our technology team, Gülle has adopted HYPERTOP in its fiber production. The HYPERTOP C-60 flexible flat from Graf is designed with a multi-zone setting pattern, which significantly improves fiber control during the carding process, allowing for better fiber alignment and retention. It also reduces waste and ensures consistent yarn quality.

Five benefits from HYPERTOP and Rieter card technology

Since Gülle has deployed the HYPERTOP flexible flat they have seen remarkable improvements across five key areas:

1. Optimized fiber yield

The multi-zone setting pattern of the HYPERTOP flexible flat has enabled Gülle to achieve up to +0.5% good fiber savings. This improvement has directly translated into higher production yields and a more cost-efficient process.

2. Constant yarn imperfections

Gülle can now maintain consistent imperfection values, ensuring the high-quality yarn standards expected by its domestic and international customers.

3. Sustainability gains

By minimizing fiber waste and optimizing resource use, HYPERTOP is contributing to Gülle's sustainability goals. This eco-friendly approach not only reduces costs but also aligns with the company's long-term commitment to environmentally responsible production practices.

4. Accelerated payback and long-term ROI

While the payback period for the HYPERTOP flexible flats will incrementally improve over the system's lifetime, the ongoing fiber savings and production efficiency gains are already delivering substantial returns. Reduced raw material costs and increased yields project a solid return on investment, with long-term value.

5. Compatibility providing flexibility

HYPERTOP is compatible with all types of cards, enabling Gülle to optimize fiber retention and production efficiency without being restricted to a specific card type.



The Customer's Statement

"The implementation of HYPERTOP flexible flats has transformed our production process. We have achieved unparalleled good fiber savings while maintaining optimal, consistent yarn IPI quality, and increasing efficiency. HYPERTOP has been a game changer for our production goals."

Timur Atik
Mill Manager

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