
SMART SOLUTIONS FOR SPINNING SUCCESS (4S)

THE KEY TO SUPERIOR PERFORMANCE AND CUSTOMER SUCCESS



4S SMART
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LMW's game-changing technology empowers mills to be future-ready by imbuing intelligence into their operations. Backed by a culture of innovation, LMW's offerings provide a technological and competitive edge through mission-critical automation, real-time data and analytics from connected machines, compatibility with all applications, and consistent performance under diverse operating conditions.

LMW's gentle Blowroom line efficiently processes raw materials, and the Cards produce high-quality sliver.

The Lap former LH20S, with its servo drafting and lap weighing technology, ensures the preparation of laps with the lowest coefficient of variation (cv%). The high-speed Comber LK 69S and Draw frame LDF3S, with their highest scanning precision, set the benchmark for quality required in the highly demanding European market.

Additionally, the longest Speed frame LF 4280/SX helps save space, increase productivity, and requires less maintenance. The Ring frame LRJ 9/SXL, equipped with the Spinpact Compact system, enables the production of yarn with increased strength and the highest quality.

LMW's ergonomic and well-proven smart solutions have consistently ensured superior performance, leading to customer success time and again.



Here's an anecdote on accomplishing sustainability and exceeding end-customer expectations through technological leadership:

To cater to the highly demanding European and Turkish markets, Akkanat iplik in Türkiye decided to establish its first spinning unit in 1992. Their goal was to produce mélange and special yarns while ensuring complete control over the quality of their products. Given the high power and worker wage costs in Türkiye, the key success factor for any spinning mill was to produce high-quality yarn while maintaining low manufacturing costs through increased yarn realization, reduced power costs, and automation.

Recognizing the need to modernize their existing spinning unit, the Akkanat group planned to upgrade their machinery for a product mix of combed cotton compact yarns and venture into the Airjet segment for synthetic, cellulose, and cotton blend applications. They decided to start their modernization with LMW Card and Draw frame machines for their Airjet process. Impressed by the superior quality and performance of LMW's initial offerings, Akkanat decided to try out LMW's Ring frame solutions for their spinning line as well.

Delighted by the performance of LMW machines, coupled with exceptional pre and post-sales services offered by LMW, the Akkanat group made the decision to transform their entire spinning line from the gentle Blowroom to the compact spinning systems using the latest offerings from LMW.



LMW machines, equipped with higher efficiency motors and highly reliable parts, play a major role in minimizing power consumption. LMW's strong and real-time service support ensures longer machine uptime, enhancing reliability and part longevity. After modernization, Akkanat was able to increase production by 50% with the same number of workers.

In the words of Mr. Kamil Akkanat, Chairman of the Board, "The solutions provided by LMW, after understanding our end customers and specific market needs, are the primary factors behind our successful partnership."

We always appreciate hearing about our customers' experiences. Please share your anecdotes in the comments section.