

Tata Textile Mills Limited

Consistent quality and managed costs



📍 Tata Textile Mills Limited

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Uster Quality Expert is 'the complete solution'

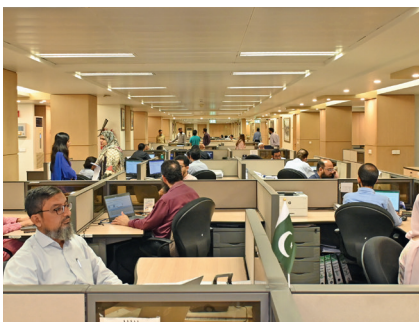
Systems integration improves productivity and enables Total Contamination Control

Spinners worldwide face the multiple challenges of increasing costs from all sides, combined with the unremitting demand for total consistency in quality to satisfy their customers. Tata Textile Mills Limited, one of Pakistan's best-known yarn producers, was already equipped with the best modern textile technology, but was still seeking the ultimate solution to provide optimum production routines for assured quality and managed costs.

Its decision to try Uster Quality Expert proved to be a wise one, bringing fast and reliable data analysis to drive improvements to processes. From there it was easier to identify and prevent quality outliers, troubleshoot machine and component issues and take control of contamination.

Particularly valuable was the integration of Quality Expert functions with existing Uster solutions in the mill, such as Jossi Vision Shield at the start of the sequence and Quantum Clearers at the winding stage. Optimizing data from these system enabled the mill to embrace Total Contamination Control, while using Uster Sentinel for ring spinning machine monitoring reduced end-breaks.

Mr. Adeel Shahid Tata, Chief Operating Officer, describes Uster Quality Expert as "the complete solution", empowering detailed changes that resulted in the quality consistency that the company and its customers require. The profit motive was also important, as Mr. Tata explains: "When you improve the quality of the product you automatically improve the productivity. Cost is more important than quality, but quality is the best way to reduce cost."



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Interview with Mr. Adeel Shahid Tata, Chief Operating Officer

Tata Textile Mills Limited is a company which places great emphasis on high standards, both in its fundamental business philosophy and its actual operations as one of Pakistan's premier spinners.

With its headquarters in Karachi, the company has plants at Kotri and Muzaffargarh, with a total of 127,092 ring spinning spindles and 2,744 twisting spindles installed. Products include ring and compact spun yarns from 100% cotton, as well as blends in carded, combed and plied yarns. Major markets are in China, Europe and Southeast Asia.

Evidence of its ongoing commitment to excellence includes the ISO-9002 award earned in 1997, and its Usterized certification in 2005 – in each case being the first Pakistani spinning mill to achieve these standards.

In this interview, Chief Operating Officer Mr. Adeel Shahid Tata explains how Uster Quality Expert and its integration with other Uster solutions has helped to ensure quality consistency and customer satisfaction.



How is the market situation currently?

The market in general and particularly in Pakistan is facing headwinds in the current fiscal year. The main difficulties are the higher cost of financing, more expensive raw cotton, increasing energy tariffs and the continuing demand to produce consistent quality 24/7.

What were the major issues you were seeking to improve?

As manufacturing costs have increased drastically, the main challenge we were facing was to increase the productivity of yarn manufacturing while maintaining quality at consistently high levels.

Did you find a solution to this big challenge?

Uster Quality Expert is the complete solution. Previously, it was extremely time-consuming to gather the required data manually – and then to try to analyze that data to enable consistent monitoring of quality. Thanks to Quality Expert, it is now easy to segregate outliers from production in a timely manner and focus on improvement activities, rather than looking at a routine which is already within the standards.

How was production influenced with the changes enabled by Uster Quality Expert?

Uster Quality Expert helps in optimizing the settings of Uster Jossi Vision Shield and Quantum Clearers by using the 'Total Contamination Control' module. On average this reduces the number of yarn clearer cuts by 10 to 15 per 100 km.

Previously, tracking and troubleshooting a spindle issue was also quite a time-consuming task, but now the Quality Expert Alarm option and Assistant Q make it easy to trace and rectify the outliers.

The integration of Uster Sentinel with Uster Quality Expert is an added advantage, which immediately helps us to identify process variations causing a change in end-break frequency.

Has improving these aspects of production made a positive impact on the business?

In the current volatile and fast-changing market conditions, consistent quality is the key to retaining customers and meet yarn requirements to their satisfaction. With the help of tools like Quality Expert, we are able to respond to these challenges at the right time.

How would you gauge the success of Uster Quality Expert?

Using it, we have been able to maintain consistent yarn quality 365 days a year. And we have been able to partner up with knitting companies to bring top quality European brands to Pakistan.

Mr. Adeel Shahid Tata – Thank you very much for these valuable insights.



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Customer Statement

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