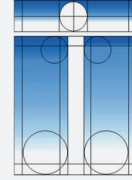


# Ibrahim Fibres Limited Top technology for Industry 4.0



Ibrahim  
GROUP

IBRAHIM FIBRES LIMITED  
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## Uster Quality Expert 'has revolutionized production'

### Benefits in profitability and customer relationships

From the establishment of its first spinning mill in 1980, its own power generation plant in 1993 and the entry into polyester fiber production three years later, the story of Ibrahim Fibres Limited has been one of relentless commitment to progress through investment in top-level technology.

Ibrahim Fibres is driven by a company ethos of future-oriented planning, with a strategy that targets ultimate competitiveness, achieved through efficiency and quality control.

The demands and opportunities of Industry 4.0 are in the forefront of the company's thinking today, and the investment in Uster Quality Expert is an ideal example of that.

General Manager Mr. Muhammad Zafar Iqbal is clear about the importance of the advanced quality management the Uster solution has enabled: "Uster Quality Expert has revolutionized our production," he says. "It is not just a technological upgrade but a strategic move towards a future-ready and Industry 4.0-enabled production facility. The benefits in terms of efficiency, quality, and overall competitiveness are evident, making this transformation a resounding success."

The benefit of real-time data analytics has been to provide precise monitoring and control of quality throughout the spinning processes. The impact on quality and efficiency in production has been felt not only in terms of the company's own profitability, but also in its enhanced reputation among customers.

Says Mr. Muhammad Zafar Iqbal: "We believe in a win-win relationship with our customers. Our aim is to deliver improved consistent quality to them, so they can achieve excellence in their own products."



# Ibrahim Fibres Limited

## Top technology for Industry 4.0

### Interview with Mr. Muhammad Zafar Iqbal, General Manager

Ibrahim Fibres Limited is one of Pakistan's largest and most progressive textile spinning company, as well as being the country's biggest manufacturer of polyester staple fiber. With a total of more than 240,000 spindles installed at a number of plants, Ibrahim produces spun yarn from both 100% synthetic fiber and blends, in the count range Ne 08 to 60. From its location in the area of Faisalabad, the company serves mainly the domestic Pakistan market.

Today, the total power requirement of the company is met from internal power sources, with the national grid supply used only as standby.

The company's mission is based on sound ethical principles of sustainability and education, with the goal of driving excellence in both quality and efficiency by making optimum use of state-of-the-art technologies.

In this interview, General Manager Mr. Muhammad Zafar Iqbal explains how Uster Quality Expert is making a major contribution to the company's success.



#### How was the general market situation for you in recent years?

The dynamic landscape of the textile industry is now marked by a shift towards Industry 4.0 principles. And our decision to invest in advanced quality management systems was driven by this, along with the growing market demand for prime quality products, efficient and smooth operations and the requirement from customers for more detailed data about the products they order.

#### What were your main challenges to improve your competitive position, production efficiency and profitability?

Our core challenge was to align our operations with the tenets of Industry 4.0, ensuring a seamless integration of smart technologies, while maintaining a competitive edge. The need for prime efficiency and profitability in our production processes prompted us to explore innovative solutions, leading us to the Uster Quality Expert. The level of manual work and the labor-intensive nature of the production environment also prompted us to adopt a solution that would address these aspects comprehensively.

#### What was the impact of Uster Quality Expert in reaching the desired solutions?

Uster Quality Expert played a pivotal role in our Industry 4.0 journey. We experienced a transformative improvement in quality control, leveraging real-time data analytics for precise monitoring and control. The system's advanced algorithms and automation capabilities allowed for a more proactive approach to achieving quality management, minimizing human intervention and significantly reducing errors.

#### How would you evaluate the benefits in terms of production routines and efficiency?


Uster Quality Expert has revolutionized our production. Automation has led to a substantial reduction in defects, downtime, and resource wastage. Real-time data analytics have empowered our teams with actionable insights, contributing to a more agile and responsive manufacturing environment.


#### Has there been an impact on overall business performance?


The improved efficiency and quality directly translate to enhanced business competitiveness. The reduction in defects has minimized operational costs, leading to increased profitability. Moreover, the smart technologies in place have strengthened our market position, attracting clients who prioritize high-quality, technologically advanced products.

**Mr. Muhammad Zafar Iqbal – Thank you very much for these valuable insights.**



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#### Customer Statement

“ Uster Quality Expert is not just a technological upgrade but a strategic move towards a future-ready and Industry 4.0-enabled production facility. ”