

# Anhui Shunyuan Quality and production management in control



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## Critical actions to optimize business based on Uster systems

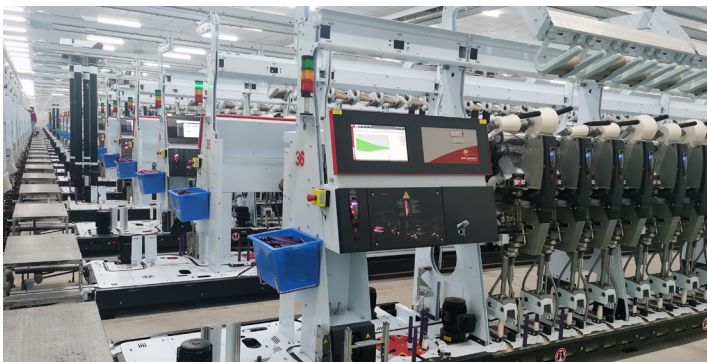
Competing successfully in a shrinking market requires careful attention to a range of critical production disciplines to improve product quality and enhance productive efficiency. For Anhui Shunyuan, a progressive Chinese spinning company, the solution was to implement a new system for managing both quality and production based on Uster systems.

The key to the company's successful introduction of stringent new quality and production control standards was the installation in 2022 of Uster Quality Expert, Quantum Expert and Vision Shield Expert systems to work with the spinning operation to provide new levels of quality monitoring, with rapid identification and correction of issues. Not only does this save valuable production time, it also optimizes efficiency within individual processes and overall.

Says company director Mr Zheng Zunyi: "We have noted effective reduction in production costs, stabilization of product quality, and a reduction in quality issues and complaints from customers."

"We are actively promoting the progress of our Phase II project, and looking forward to further comprehensive technical cooperation with Uster."

The outcome of the renewed quality and productivity regime has been a direct impact on yarn sales, despite the continuing depressed market conditions, alongside the growing strength of the company's brand image as a quality yarn supplier and reliable partner.



# Anhui Shunyuan

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### Quality Expert interview with Mr. Zheng Zunyi, Director

Anhui Shunyuan is located in the city of Anqing, in the Anhui province of China, and operates 180,000 ring spindles, producing cotton, viscose and polyester yarn in 100%, as well as cotton blends. Major markets include the coastal provinces and Yangtze River Delta in China, as well as overseas sales. With 400 employees, Anhui Shunyuan has a yearly output value of 800 million RMB.

Facing the continuing market difficulties, the company needed to focus on new approaches to quality control and productivity, by introducing strict new regimes based on the data and guidance from Uster systems.

In this interview, director Mr Zheng Zunyi, outlines the problems and explains the role the Uster systems played in ensuring continuing success.



#### **What is the general market situation like currently?**

This year, overall market demand is shrinking, and the competition is greater than in previous years.

#### **What are your major challenges to improve the business situation?**

At present, our main goals are to reduce production costs, improve production efficiency, and stabilize product quality, which requires us to implement a quality and production management system that is as efficient and effective as possible.

#### **What solutions were you able to put in place?**

We have been able to strictly control the production, as well as the quality indicators, relying on the automatic spinning machines, linked with the Manufacturing Execution System in all spinning units. In particular, after the installation of Uster's Quality Expert (UQX), Quantum Expert and Vision Shield Expert systems in 2022, we now have a real-time monitoring of quality parameters in the whole spinning process, and we can reference the quality report provided by Uster to carry out targeted issue investigation and maintenance.

#### **What has been the impact of the changes on production?**

The utilization of the above systems effectively improves the efficiency of quality analysis and production operation, saving time and improving production efficiency. The impact is significant in terms of quality improvement, equipment rectification, process optimization, etc.

#### **How do the improved aspects of production influence the business?**

We have noted an effective reduction in production costs, stabilization of product quality, and a reduction in quality issues and complaints from customers..


#### **What is your opinion about the overall success of the changes you have implemented?**

The Uster Expert systems we now utilize allow us to identify quality issues in the production processes in real-time, saving a lot of time for correction and optimization. We are also now able to compare our actual yarn quality levels with Uster Statistics in UQX, which ensures quality remains stable. Good yarn quality enhances our strong reputation and builds even more trust from customers.

Even in this year's depressed market situation, our products are still selling well, as we have been able to establish the company's brand in helping to extend the development confidence of the textile industry. We are actively promoting the progress of our Phase II project, and looking forward to further comprehensive technical cooperation with Uster.

**Mr Zheng Zunyi – Thank you very much for these valuable insights**



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#### Customer Statement

“ UQX ensures the stable yarn quality and gains high reputation and trust from our customers. ”