

Yarn clearing – perfected by Uster Technologies

The Uster Group is one of the leading high technology instrument manufacturers of products for quality measurement and certification for the textile industry. The Group provides testing and monitoring instruments, systems and services that allow optimization of quality through each individual stage of textile production; from the raw textile fiber, such as cotton, wool or synthetic filament yarns, to the final finished fabric. The Uster Group provides benchmarks that are a basis for the trading of textile products at assured levels of quality across global markets. The Group is headquartered in Uster, Switzerland and operates through a worldwide Market Organization complemented by Technology Centers. It has sales and service subsidiaries in the major textile markets and Technology Centers in Uster (Switzerland), Knoxville (USA) and Suzhou (China).

This is yet another landmark year for Uster and its world-leading quality assurance systems. Following on from its dual celebration in 2007 of 60 years of evenness testing and 50 years of Uster Statistics, 2010 is the 50th anniversary of the yarn clearer.

The current Uster Quantum 2 is the best-selling yarn clearer ever. This success is based on continuous development, in response to the needs of customers, making the Uster Quantum 2 an indispensable tool in spinning plants all over the world. Almost two million Uster clearers of the Quantum generation have been sold to date!

The future has a past

Uster's long tradition in establishing standards for the textile industry worldwide, as well for quality testing along the fiber to fabric process route, is well known. That proud history is the origin of the slogan 'The Future Has a Past', which will underscore the company's presence at ITMA Asia & CITME 2010 in Shanghai. It means that while recognizing the achievements of the past, Uster is constantly looking into the future.



USTER Quantum 2 on winding machine.



Even in the kind of challenging market environment which faced the textile industry in 2009, research and development at Uster was focused and strongly driven. "Customers are entitled never to expect less than the full innovative power of Uster," says Dr. Geoffrey Scott, CEO of Uster Technologies AG.

At the exhibition, Uster will present its latest range of testing instruments, underlining their value to spinning mills and classification offices, as well as to knitters and weavers. The 'Think Quality' approach pioneered by Uster encourages and equips companies to participate in the market upturn, as the industry shows positive signs of growth.

Quality translates into profitability

The mission for modern spinning mills centers on two main tasks: to satisfy customer needs – and to do it profitably. To achieve both tasks with the highest possible efficiency, spinning mills need to control a number of basic and fundamental parameters which affect both quality and costs.

One of these is the raw material. The task here is to maximize the yield and minimize waste – especially when we remember that raw materials equate to 55% to 65% of total production costs. Another vitally important aspect to control is overall process management, and this is possible – in an efficient and sustainable way – only with appropriate instruments, measurements and systematic analysis.

All the critical process stages in spinning, such as blowroom, carding, comb-



ing, drawing, ring spinning and winding, are efficiently managed with Uster products and solutions, leading to process optimization and maximized throughput. Essential tools like Uster HVI and Uster AFIS, Uster Tester 5 and Uster Tensorapid, Uster Quantum 2 and Uster Expert software, along with Uster Statistics, provide the key to effective spinning process management.

Long experience worldwide proves that quality management incorporating Uster expertise and solutions always leads to profitability.

A vital principle of the Uster approach involves the proven combination of offline (laboratory) and online quality control. These complementary disciplines help quality managers to eliminate claims, by ensuring that yarn meets customers' quality requirements.

Dedicated to quality

Uster's important role in the history of textile electronics shows how technology and know-how can contribute to higher quality and productivity throughout the textile chain.

Uster's proud heritage is the basis of the 'Think Quality' concept – an ongoing expression of the company's dedication to provide everything the textile industry needs to address current and future quality challenges.

Uster Technologies is represented in Pakistan by Simag - the leading textile machinery agent in Pakistan.

For further information please contact Uster Technologies AG, www.uster.com. ♦