

Shima Seiki's Automatic Cutting Machine System & CAD System at DTC 2010 Fair in Dongguan, China

Shima Seiki Shanghai Ltd., a subsidiary of Shima Seiki Mfg. Ltd. will exhibit and demonstrate its main models of CAD/CAM products, Automatic Cutting System P-CAM183 and SDS-ONE at The 11th China (Dongguan) Int'l Textile & Clothing Industry Fair (DTC) to be held in Dongguan from March 29 to April 1.

Also in this monthly issue, the main models of flat knitting machines manufactured by Shima Seiki Mfg. Ltd. are introduced this issue.

Shima Seiki's P-CAM series multi-ply fabric machines are already famous for their high efficiency, productivity and quality. The new and improved P-CAM now offers a wider selection of cutting widths and thickness for added production flexibility. The new P-CAM183 features a cutting thickness of 3-inches. The P-CAM features an all-new conveyor system that is housed within the suction chamber, permitting suction while feeding fabric for higher efficiency. New filter box and dust box designs also result in a simpler blower hose layout, as well as easier cleaning for lower maintenance requirements. A new knife sharpening system produces a flatter, stronger blade every time. Stronger, more robust component parts are used throughout, permitting quicker response times for knife movement and more accurate cutting. The familiar touch-sensitive control monitor is carried over and features a superior user-interface for greater operator efficiency, as well as scheduling software to boost productivity even further. Yet another important feature of the new P-CAM machines is Chinese-language software for supporting current trends in global sourcing. The multi-ply P-CAM machines are the perfect choice for flexible high-volume production in a new era of global apparel production.

Recently, JSN visited Shima Seiki Mfg. Ltd. in Wakayama, Japan and saw the inside of its headquarters/factory. This factory adopts leading-edge technologies and pursues higher product performance and quality. All the products of this company have been made in Japan and the ratio of in-house manufacture is as high as 60%. Thus, strict product quality control is implemented. In this factory, NC machine tools which work unattended for 72 hours. In the assembling block, machines move around and one worker takes charge of plural steps. Each worker is responsible for those steps, so machines can be assembled efficiently. At the time of JSN's visit, full-automatic glove knitting machines, flat knitting machines and others are undergoing meticulous operation test before shipment from the factory. The company headquarters has a design center where merchandise planning by use of SDS-ONE, design and generation of specification document for sample making with this company's knitting machines are carried out, followed by manufacture with the knitting machines. Samples are exhibited at various shows and events in order to introduce the latest knitting trends and propose suitable knitting machines to the customers.