

## **SHIMA SEIKI to Exhibit at JEC World 2022**

Leading Japanese textile solutions provider SHIMA SEIKI MFG., LTD. of Wakayama, Japan will exhibit at the upcoming JEC World 2022 exposition to be held in Paris, France next month.

On display will be the P-CAM®131 multi-ply computerized cutting machine (NC cutting machine). SHIMA SEIKI's fast, efficient and reliable P-CAM® series computerized cutting machines are known for their innovative functions and Made-in-Japan quality, and boast the largest market share in Japan. At JEC World P-CAM®131 is shown in its most compact form, featuring a cutting area of 1,300 mm x 1,700 mm, with option for expansion. Its multi-ply cutting capability allows up to 1 inch (33mm) of fabric or material to be cut. A knife sharpening system produces a sharp, strong blade every time. Strong, robust components permit quicker response times for knife movement and more accurate cutting composites and other industrial materials. The P-CAM® lineup is ideally suited to global production in a wide range of industrial applications in addition to apparel and textiles.

Also available for video display will be SHIMA SEIKI's latest innovation in flat knitting technology as applied to the field of technical textiles—a prototype weft knitting machine capable of multi-axial yarn insertion. Fabrics produced on this machine use inlay technique for the production of hybrid textiles that combine the stretch characteristics of knitted fabrics with the stability of woven textiles, suited to various technical applications. To this, warp yarn is inserted to further expand its capability to produce 3D-shaped carbon fiber and composite preforms directly on the machine. This is made possible because flat knitting as a textile production method is capable of producing end products that are shaped-to-form and with added thickness. Therefore, savings in post-processing time, cost, material and labor as compared to current methods of preform production are immense, realizing efficient and sustainable production. SHIMA SEIKI's own yarn unwinding technology is also used for optimum yarn feed and tension for use with technical yarns that are otherwise difficult to knit. Industrial textile samples knit on the multi-axial machine will also be available for examination on-site.

### **Exhibit Details**

Exhibition: JEC World 2022  
Date: Tuesday, 3rd - Thursday, 5th May 2022  
Hours: 9:00AM - 6:00PM  
Location: Parc des Expositions de Paris Nord Villepinte, Halls 5 & 6  
ZAC Paris Nord 2 93420 Villepinte, France  
Tel: +33 (0)1.40.68.22.22  
Organizer: JEC Group Headquarters  
Booth No.: Hall 6, Booth P28

### **Exhibited Technology**

P-CAM®131 Computerized Cutting Machine (NC Cutting Machine)  
Prototype Multi-Axial Computerized Flat Knitting Machine

### **For more information please contact:**

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