

FOR IMMEDIATE RELEASE

SHIMA SEIKI to Exhibit at A+A 2023

Leading flat knitting technologist SHIMA SEIKI MFG., LTD. of Wakayama, Japan will participate in the A+A 2023—Safety, Security and Health at Work International Trade Fair in Düsseldorf, Germany later this month. On display will be the company's latest safety-related technology through its new SPG[®]-R pile glove knitting machine and the prototype SFG[®]-R next-generation glove knitting machine. Each of these machines drew attention at SHIMA SEIKI's booth at the International Textile Machinery (ITMA 2023) Exhibition in Milan.

SHIMA SEIKI's original SPG[®], developed in 1979 as the world's first automatic glove knitting machine to produce seamless pile-knitted gloves, is now reborn as a next-generation model. Pile gloves feature special traits that include cushioning, shock-reduction and thermal insulation and cold protection, making them popular especially in the field of industrial safety. Now, SPG[®] is redesigned from the ground up and re-introduced as the SPG[®]-R. The new SPG[®]-R features a new moveable sinker system with selectable loop presser function. Combined with a new belt-driven carriage it allows SPG[®] to provide efficient and reliable production of fashionable, high-quality pile gloves. Shown in 7 gauge at A+A, SPG[®]-R surpasses the previous generation with pioneering technology, improved capability and reliable productivity.

SHIMA SEIKI's original product on which the company was founded was the fully automated seamless glove knitting machine. While the original model evolved to become the current SFG[®] series, SFG[®]-R exhibited at A+A is its spiritual successor. With a new sinker system, a belt-driven 2-cam carriage and auto yarn carriers SFG[®]-R is a completely new machine for knitting gloves that conform better to the shape of the hand for improved fit. Furthermore its greater design potential offers users the opportunity to break out of the work glove market and into the fashion market. SFG[®]-R is shown as a prototype next-generation model in 12 gauge at A+A.

Also demonstrated will be SHIMA SEIKI's APEXFiz[®] design software. The importance of design software is made even more significant by the new patterning capabilities of SPG[®]-R and SFG[®]-R. Both machines now feature increased design potential that allow each of their products—pile gloves and work gloves, respectively—to expand their market into fashion. APEXFiz[®] is available for developing these designs. Furthermore virtual sampling on APEXFiz[®] is especially effective in streamlining the production process. Ultra-realistic simulation capability allows the use of virtual samples for evaluating design variations without producing actual samples for each variation, thereby minimizing the time, cost and resources normally required with sample-making, supporting smart, speedy and sustainable production.

Exhibit Details

Name: A+A 2023
(Safety, Security and Health at Work International Trade Fair)
Date: Tuesday, 24th - Friday, 27th October 2023
Hours: 9:00AM - 6:00PM
Location: Düsseldorf Fairgrounds (Messe Düsseldorf)
Messeplatz, Stockumer Kirchstrasse 61, 40474 Düsseldorf, Germany
Tel: +49 (0)211 45 60 01
Organizer: Messe Düsseldorf GmbH
Booth: Hall 16, Booth A42

Exhibited Technology

SPG®-R 7G	Next-Generation Pile Glove Knitting Machine
SFG®-R 12G	Next Generation Glove Knitting Machine
APEXFiz®	Design Software
SHIMA Datamall™	Digital Content Web Service
yarnbank®	Digital Yarn Sourcing Web Service
WHOLEGARMENT®	and other knit samples

For more information please contact:

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About SHIMA SEIKI

Company Name: SHIMA SEIKI MFG., LTD.

Established: 1962

President: Mitsuhiro Shima

No. of Employees: 1,378

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Core Business: Development, manufacture, sales and service of WHOLEGARMENT® knitting machines, computerized flat knitting machines, glove and sock knitting machines, computer graphic apparel design systems, apparel CAD systems, computerized fabric cutting machines (CAM), textile printing machines and other related peripherals.

Company Profile: SHIMA SEIKI MFG., LTD. of Wakayama, Japan is a leading manufacturer in the computerized flatbed knitting machine industry. With complete systems integration from planning, production to sales promotion and retail sales, SHIMA SEIKI has been dedicating its products and services to the knitting industry worldwide through the latest in computerized knitting technology.

SHIMA SEIKI is also the pioneer in complete garment manufacturing technology—called WHOLEGARMENT®—wherein an entire knitted garment is produced on the knitting machine without the need for linking or sewing afterward. Since its commercial introduction in 1995, SHIMA SEIKI has been the undisputed leader in WHOLEGARMENT® knitting technology with 35 years of on-going research and 25 years of proprietary field experience and know-how, not to mention over 2,500 related patents and patents pending worldwide.

Meanwhile SHIMA SEIKI's SDS®-ONE APEX series 3D design system and APEXFiz® design software feature ultra-realistic knit simulation for creating virtual samples. Virtual samples promote Digital Product Creation (DPC) for minimizing time, cost and material associated with the sample-making phase. Virtual samples can also be used to gauge consumer response to items before going to market, effectively realizing production based on demand forecasting. Inventory can therefore be optimized to minimize leftover stock, realizing smart, speedy and sustainable production.

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Press Information: Stay current with the latest SHIMA SEIKI press information at:
<http://www.shimaseiki.com/news/press.html>