Developing the most advanced technology
and keeping it most affordable.
This is the spirit of SHIMA SEIKI.
We strive to become an indispensable company to the society through sustainable business development. We do this under the motto of “Ever Onward” with “love”, “creation” and “passion” as our mantra.

We contribute to society through our creative craftsmanship, which is friendly to both people and the environment. We strive to contribute to society through love for our work, people, country, community and the earth.

We aim to create world’s firsts through our finely honed sensitivity and sense of creativity.

We tackle new challenges with passion and chart our own future course by putting our all into our products and services.

Founded on the development of the world’s first fully automated glove knitting machine, we at SHIMA SEIKI MFG., LTD. have continuously challenged ourselves to develop innovative technology under our corporate motto Ever Onward. Now, SHIMA SEIKI has evolved into a highly trusted manufacturer of computerized glove knitting machines, computerized flat knitting machines, and computer graphic design systems, with a leadership role in a variety of industries worldwide.

As consumer needs are expected to become more and more diverse, we create a culture of fashion and we will continue to offer unique and highly value-added products for the advancement of our users’ industries. We are a company whose source for inspiration and motivation is our customers, and we deeply appreciate your continuing trust and support. We at SHIMA SEIKI are confident that we can create a mutually beneficial relationship with all of you.

Chairman
Masahiro Shima

President
Mitsuhiro Shima
### Business Operations

- **1962**
  - Masahiro Shima establishes SHIMA SEIKI MFG., LTD. in Wakayama City, Wakayama Prefecture, to produce glove knitting machines that are completely automated.

- **1964**
  - Successfully produces a fully automated glove knitting machine.

- **1967**
  - Begins production of the world’s first fully automated collar knitting machine, the FAC, and extends its business into the flat knitting machine industry.

- **1968**
  - Owing to the increasing size of the Company, the administrative offices and factory are moved to Sakaide, Wakayama City, the present location.

- **1969**
  - Develops the world’s first fully automated semi-full fashion knitting machine, the SF, at the Tokyo International Knitting Machinery Exhibition. The company’s presence at this show ensures it a prominent place among manufacturers of flat knitting machines.

- **1970**
  - Displays the world’s first fully automated seamless glove knitting machine, the SFD®.

- **1971**
  - Displays its full line of machinery at the International Textile Machinery (ITMA) Exhibition in Paris. Upon receiving international acclaim, the company begins exporting its products.

- **1975**
  - Receives a gold medal at an industrial fair in Leipzig, Germany.

- **1976**
  - Receives the Jubilee Award from the Textile Institute of Great Britain.

- **1979**
  - Receives the Tecnica della Confezione Internazionale Award.

- **1980**
  - Company shares are publicly listed on the First Section of the Tokyo Stock Exchange.

### Products

- **1982**
  - Successfully produces a fully automated glove knitting machine.

- **1984**
  - Develops the SNC, a computerized flat knitting machine.

- **1986**
  - Introduces its All-in-One design system, the SIP®-160-F3.

- **1987**
  - Enters the CAD/CAM field with its P-CAM® computerized flat knitting machine with full-time, spring-loaded slider system.

- **1990**
  - Installs a PV (photovoltaic) system.

- **1992**
  - Holds a fashion show in commemoration of its 20th Anniversary of WHOLEGARMENT®, featuring newly developed long presser type knitting machines.

- **1993**
  - Receives the Minister of Economy, Trade and Industry Award for achievements in intellectual property.

- **1994**
  - Establishes SHIMA SEIKI WIN LTD., in Hong Kong.

- **1995**
  - Develops the SIP® series of flat knitting machines with DoubleGauge® technology.

- **1996**
  - Installs its All-in-One design system, the SDS®-ONE.

- **1997**
  - Receives Prime Minister’s Award for contributions to greening efforts.

- **1998**
  - Receives a gold medal at an industrial fair in Leipzig, Germany.

- **1999**
  - Receives the Minister of Economy, Trade and Industry Award for efforts including factories that blend in with the natural surroundings.

- **2000**
  - Receives 3rd Oschi Memorial Foundation Grand Production Prize.

- **2001**
  - Receives the 17th Kigyoka Grand Prize sponsored by Kigyoka Network Co., Ltd.

- **2002**

- **2003**
  - Develops the SWG®-201 WHOLEGARMENT® knitting machine.

- **2004**
  - Receives the 12th ITMA exhibition in Milan, Italy.

- **2006**
  - Receives its All-in-One design system, the SDS®-ONE.

- **2007**
  - Receives the 9th ITMA Exhibition in Milan, Italy.

- **2008**
  - Receives the Minister of Economy, Trade and Industry Award for efforts including factories that blend in with the natural surroundings.

- **2009**
  - Receives the Minister of Economy, Trade and Industry Award for efforts including factories that blend in with the natural surroundings.

- **2010**
  - Receives the Minister of Economy, Trade and Industry Award for efforts including factories that blend in with the natural surroundings.

- **2012**
  - Receives the SHIMA SEIKI KOREA INC. in Seoul.

- **2013**
  - Receives the MACH2® X series of flat knitting machines featuring newly developed long presser type knitting machines.

- **2014**
  - Receives the SHIMA FINE PRESS CO., LTD. in Japan.

- **2015**
  - Receives the 17th Kigyoka Prize/Kigyoka Grand Prize sponsored by Kigyoka Network Co., Ltd.

- **2016**
  - Receives Prime Minister’s Award for contributions to greening efforts.

- **2017**
  - Receives 34th Universal Award for efforts including factories that blend in with the natural surroundings.

- **2018**
  - Receives the Minister of Economy, Trade and Industry Award for efforts including factories that blend in with the natural surroundings.
Moveable Full Sinker System

Moveable full sinkers are mounted on 4 needle beds, which enable a wider choice of designs and higher productivity.

SlideNeedle™

Compared with conventional latch needles, it enables higher efficiency and productivity in knitting and produces fabrics of the highest possible quality.

4-Bed Configuration

Four independent needle beds make it possible to carry out complex, WHOLEGARMENT® knitting.

Moveable Full Sinker System

Moveable full sinkers are mounted on 4 needle beds, which enable a wider choice of designs and higher productivity.

Knife Auto Width Measurement

The original Knife Auto Width Measurement function enables higher accuracy in cutting.

Virtual Sampling

Planning times are drastically reduced through realistic 3D simulation of materials and products.

Design

A wealth of design functions are used for design patterns and colorways, enabling attractive designs to be created with high efficiency.

Knit Programming

Abundant know-how enables complex knitting patterns to be created easily and efficiently.

A Fusion of Computers and Mechatronics

Creating First-of-its-Kind Technology

Based on our philosophy of creating something totally new, we fuse creativity to come out with technologically innovative products that satisfy our customers’ and refined sensitivity exacting needs.

R2CARRIAGE® System

This carriage system plays a critical role in improving productivity. With its enhanced acceleration and deceleration and improved maximum speed, it significantly reduces knitting times.

Loop Presser Beds

Loop presser beds make it possible to control typical stretch characteristics of knitwear.

By automatically adjusting yarn feed, this system eliminates irregularities even with difficult-to-handle yarn, thereby contributing to improved product quality.

Tension Measuring Machine

By digitizing the characteristics of stretch yarn, this system realizes stable knitting.

The Evolution from Glove to WHOLEGARMENT®
Harnessing our sophisticated technology in both hardware and software, we make everything in-house to ensure high product quality.

**Processing Technology**
High quality is assured with highly skilled precision.

**Electronic Components**
Precision electronics technology is applied to every step of the manufacturing process.

**Assembly**
Behind SHIMA SEIKI’s success is a wealth of advanced technologies.
Creativity and Innovation

We aspire to be a source of innovative manufacturing by making proposals based on our vision for the future.

Planning and Proposal

Headquarters showroom
Planning session for new knitwear samples

Providing the Latest Information

SITF / FISMA TOKYO (Tokyo)
PREMIERE VISION PARIS (Paris)
ITMA ASIA + CITME 2018 (Shanghai)

Training and Support

Training for flat knitting machines
Training for design systems
Training for CAD/CAM systems

Developing Business in New Fields

Healthcare *Sports

Smart Garments
Automotive

Developing Business in New Fields

The world’s first specialized PLM solution for the flat knitting machine industry

With globalization and diversification, the fashion industry requires even higher speeds and shorter cycles. Shima KnitPLM (Product Lifecycle Management) applies the latest IoT technology to achieve higher productivity throughout all stages in the value chain. Meanwhile, production planning, management and monitoring realize optimum production conditions for improved efficiency.

ITMA ASIA + CITME 2018
PREMIERE VISION PARIS (Paris)

Shima KnitPLM*

Support wear
Smart bellyband
Seat covers
From product planning and design to sample production and sales promotion, SHIMA SEIKI products boost efficiency at various stages of apparel manufacturing.
**WholeGarment®**

Based on SHIMA SEIKI’s pioneering flat knitting machine technology, WholeGarment® is the world’s first seam-free knitwear. Each WholeGarment® product is knit in three dimensions in one entire piece, meaning customers can enjoy a range of benefits like never before.

**People-Friendly**
- Beautifully shaped, with no bulky seams
- Soft and light, with superb comfort and fit
- Superior stretch characteristics means unrestricted body movement

**Eco-Friendly**
- Produces only as many pieces as needed, when needed
- Uses minimal resources, without the need for sewing
- Zero material waste from cutting and seam allowance
- Reduction of energy and CO2 emissions required to dispose of material waste

**Conventional Production Method**
- Panel knitting (cut and sewn)
- Shaped knitting
- Cutting and sewing
- Material waste, seams
- Approximately 30% material loss from cutting

**WholeGarment®**
- No cutting or sewing
- Quick Reception
- Produces only as many pieces as needed
- Reduces leftover inventory

**Virtual sample**

SDS-ONE® APEX4 design system which offers complete solutions in design and programming, realizes 3D virtual simulations at high speed and in high resolution.

**WholeGarment®**
- Computed flat knitting machine
- No seams required for knitwear
- Reduce labor and shorten leadtime

**People-Friendly**
- Beautifully shaped, with no bulky seams
- Soft and light, with superb comfort and fit
- Superior stretch characteristics means unrestricted body movement
- Produces only as many pieces as needed, when needed
- Uses minimal resources, without the need for sewing

**Eco-Friendly**
- Zero material waste from cutting and seam allowance
- Reduction of energy and CO2 emissions required to dispose of material waste

**Conventional Production Method**
- Panel knitting (cut and sewn)
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**Virtual sample**

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Meeting Market Needs through Cutting-Edge Technology

User-friendly ease of operation, speed, and multiple functions have made our computerized flat knitting machines a success on the world market. A full line-up offers users the ability to manufacture knitwear that is always at the leading edge of fashion.
Total electrical output from solar panels installed on our factory roofs reaches 1,970 kW for the SHIMA SEIKI Group as a whole.

SHIMA SEIKI Headquarters is certified as an ISO14001 accredited company.

Social Contribution
- Community service activities
  - Building beautiful townscapes, cleaning up, helping out after disasters
- Cultural and educational activities
  - Opening museums, industry-academia projects, internships for students
  - Promoting sports, spreading food culture

Environment
(energy efficiency, resource efficiency)
- Environmental protection activities
  - Acquiring ISO 14001, greening efforts, solar electricity generation
  - Providing environmentally friendly products

Sustainability
- Social Contribution
- Environment
- Sustainability

The SDS-ONE® APEX4 allows the creation of realistic, highly detailed virtual samples, while the WHOLEGARMENT® knitting machine can knit garments quickly and intelligently. These developments have shaken up the textile industry and make possible highly sustainable manufacturing.
Worldwide recognition brings with it the responsibility to live up to customers’ expectations as a reliable international corporation. SHIMA SEIKI’s global network features an impressive list of contacts in domestic and overseas locations.
Company Name: SHIMA SEIKI MFG., LTD.
President: Mitsuhiro Shi ma
Established: February 4, 1962
Headquarters: 85 Sakata, Wakayama 641-8511 Japan
Tel: +81-73-474-8210, 8211, 8212, 8207
Fax: +81-73-474-8270
Website: http://www.shimaseiki.com

Sales: 61,038 million yen (non-consolidated; fiscal year ended March 2018)
Capital: 14,859.8 million yen
Employees: 1,324 (non-consolidated; fiscal year ended March 2018)

Main Banks:
- MUFG Bank, Ltd.
- The Senshu Ikeda Bank, Ltd.
- The Kiyo Bank, Ltd.
- Sumitomo Mitsui Banking Corporation
- The Shoko Chukin Bank, Ltd.
- Mitsubishi UFJ Trust and Banking Corporation

Related Companies:
- TOYOBOSHI KOGYO CO., LTD
  Semiboku-gun Tadaoka-cho Tadaoka-higashi 3-3-10, Osaka 595-0805 JAPAN
  Tel: +81-73-252-3190  Fax: +81-73-252-3161
  E-mail: info@toyoboshi.co.jp

Related Facilities:

Fusion Museum
Forte Wajima 3F, Honmachi 2-1, Wakayama 640-8033 JAPAN
Tel: +81-73-488-1962

Auberge de South Terrace
Nishimuro-gun Shirahama-cho 2988-10, Wakayama 649-2211 JAPAN
Tel: +81-73-42-4555  Fax: +81-73-43-2720