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.

A Message from the Chairman, Representative Director

Founded on the development of the world’s first fully automated glove knitting machine, we at SHIMA SEIKI MFG. LTD. have continually 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 realize the necessity to support diversity for our customers as well. Our efforts continue to focus on these market trends and needs, and we will continue to offer unique and highly value-added products based on the most advanced technologies. 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, Representative Director

Limitless Progress

Ever Onward
Develops the SWG®021 WHOLEGARMENT® knitting machine.

Enters the CAD/CAM field with its P-CAM® computerized fabric cutting machine.

Introduces the MACH2®XS, the world’s first computerized flat knitting machine.

Introduces the SRY®123LP, a computerized flat knitting machine.

Receives the Tecnica della Confezione International Award.

Masahiro Shima receives the title of Honorary Doctorate from Cranfield Institute of Technology, U.K., for the development of DSCS®, which revolutionized the knitting industry.

Receives the Jubilee Award from the Textile Institute of Great Britain.

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

Establishes SHIMA SEIKI WIN WIN LTD., in Hong Kong.

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.

Opens the Osaka Branch Office.

Opens the Tokyo Branch Office.

The Shima Idea Center of the SHIMA SEIKI Group and Kamatani Electronic Industries, Ltd. merge into SHIMA SEIKI MFG., LTD.

Masahiro Shima is awarded the Medal of Honor with Purple Ribbon at the youngest age in the award’s history.

The new headquarters building is completed.

Company shares are publicly listed on the Second Section of the Osaka Securities Exchange.

Receives the 53rd Okochi Memorial Foundation Grand Production Prize.

Establishes SHIMA SEIKI WIN WIN LTD., in Hong Kong.

Improves the seamless glove knitting machine and an improved simulation function.

Develops and markets the PGM-2 apparel CAD system.

Develops and markets the SWG®-FIRST® 154 computerized flat knitting machine, which allows shaping in 21 gauge—a world first.

Develops and markets the PGM-2 apparel CAD system.

Develops the MACH2®X and MACH2®S WHOLEGARMENT® knitting machines featuring newly developed loop presser beds. Improves SDS®-ONE® APEX design system with even higher speeds and more effective 3D virtual sampling.

Celebrates 20th Anniversary of WHOLEGARMENT® knitting at the 17th ITMA exhibition in Milan, Italy, where SHIMA SEIKI’s entire product line is exhibited under the TOTAL FASHION SYSTEM® concept.

Establishes SHIMA SEIKI WIN WIN SHANGHAI LTD. in China.

Opens the Osaka Branch Office.

Establishes SHIMA SEIKI EUROPE LTD. in the U.K., the company’s first overseas subsidiary.

Opens Taipei Branch in Taiwan.

Opens Shima SEIKI U.S.A. INC. in New Jersey.

Develops and markets the PGM-2 apparel CAD system.

Develops its long-anticipated next-generation computerized flat knitting machine, the SES® series.

Develops the SDS®-1000 design system.

Opens the Osaka Branch Office.

Develops the SDS®-1000 design system.

Opens the Osaka Branch Office.

Develops and markets the PGM-2 apparel CAD system.

Develops the SDS®-500 design system.

Displays its full product line at the 9th ITMA Exhibition in Milan, Italy.

The main attraction of SHIMA SEIKI’s exhibit, the Total Knitting System, gains high recognition from international participants.

Develops the SDS®-380 series computer graphics system, which is adopted in broadcasting and automotive industries, among others.

Introduces the world’s first Digital Stitch Control System (DSCS®) that supports knitting with a dimensional error of just ±1%.

Develops the SDS®-500 series.

Displays its full product line at the 9th ITMA Exhibition in Milan, Italy.

The main attraction of SHIMA SEIKI’s exhibit, the Total Knitting System, gains high recognition from international participants.

Opens the Osaka Branch Office.

Establishes SHIMA SEIKI MFG., LTD.

Opens the Tokyo Branch Office.

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Masahiro Shima is awarded the Medal of Honor with Purple Ribbon at the youngest age in the award’s history.

The new headquarters building is completed.

Company shares are publicly listed on the Second Section of the Osaka Securities Exchange.

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

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

Receives a gold medal at an international fair in Leipzig, Germany.

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

Establishes SHIMA SEIKI WIN WIN LTD., in Hong Kong.

Improves the seamless glove knitting machine and an improved simulation function.

Develops the SWG®-FIRST® 154 computerized flat knitting machine, which allows shaping in 21 gauge—a world first.

Introduces the SDS®-ONE APEX design system, which boosts greater speed and an improved simulation function.

Displays its full product line at the 9th ITMA Exhibition in Milan, Italy.

The main attraction of SHIMA SEIKI’s exhibit, the Total Knitting System, gains high recognition from international participants.

Develops the SDS®-380 series computer graphics system, which is adopted in broadcasting and automotive industries, among others.

Introduces the world’s first Digital Stitch Control System (DSCS®) that supports knitting with a dimensional error of just ±1%.

Develops the SDS®-1000 design system.

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Masahiro Shima is awarded the Medal of Honor with Purple Ribbon at the youngest age in the award’s history.

The new headquarters building is completed.

Company shares are publicly listed on the Second Section of the Osaka Securities Exchange.

Receives the Tecnica della Confezione International Award.

Masahiro Shima receives the title of Honorary Doctorate from Cranfield Institute of Technology, U.K., for the development of DSCS®, which revolutionized the knitting industry.

Receives the Jubilee Award from the Textile Institute of Great Britain.

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

The SWG®-FIRST® computerized WHOLEGARMENT® knitting machines, at the 12th ITMA exhibition in Milan, Italy.

The SWG®-FIRST® computerized WHOLEGARMENT® knitting machine featuring the newly developed SlideNeedle®, debuts at OTEMAS.

Develops the MACH2®XS, the world’s first computerized flat knitting machine with full-time spring-loaded sinker system.

Receives the 53rd Okochi Memorial Foundation Grand Production Prize.

Establishes SHIMA SEIKI WIN WIN LTD., in Hong Kong.

Improves the seamless glove knitting machine and an improved simulation function.

Develops the SWG®-FIRST® 154 computerized flat knitting machine, which allows shaping in 21 gauge—a world first.

Introduces the SDS®-ONE APEX design system, which boosts greater speed and an improved simulation function.

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Receives the Jubilee Award from the Textile Institute of Great Britain.
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.

**3D Scanning Device**

Based on accurate data measured by 3D Scanning device, knitwear products that control the degree of compression can be produced.

**Knit Programming**

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

**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.

**Knife Auto Width Measurement**

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

**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.

**i-DSCS+DTC®**

Capable of automatically adjusting yarn feed, this system eliminates irregularities caused by yarn elasticity and differences in humidity, thereby contributing to improved product quality.

**Loop Presser Beds**

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

**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.

**A Fusion of Computers and Mechatronics**

A Fusion of Computers and Mechatronics

**SlideNeedle™**

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

**WHOLEGARMENT®**

WHOLEGARMENT® knitting
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.

- Assembly of computerized knitting machines
- Assembly of computerized cutting machines
- Assembly of design systems
- Assembly of glove knitting machines
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

Training and Support
- Training for flat knitting machines
- Training for design systems
- Training for CAD/CAM systems

Providing the Latest Information
- JAM 2016 OSAKA (Osaka)
- SHIMA CROSS TEX (Hong Kong)
- ITMA 2015 (Milan)

Developing Business in New Fields
- Healthcare • Sports
- Smart bellyband
- Seat covers
- Support wear

New types of knitted products
- KVEAVE® — Knit • Weave
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

Conventional Production Method

- Panel knitting (cut and sewn)
- Shaped knitting
- No cutting or sewing
- Produces only as many pieces as needed
- Reduces leftover inventory

SDS-ONE® APEX3 design system which offers complete solutions in design and programming, realizes 3D virtual simulations at high speed and in high resolution.

No cutting or sewing

Eco-Friendly knitwear

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

Products

People-Friendly, Eco-Friendly Knitwear
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.

Computerized Flat Knitting Machines

<table>
<thead>
<tr>
<th>Machine Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRV123/183LP</td>
<td>Computerized Flat Knitting Machine</td>
</tr>
<tr>
<td>SR122/123</td>
<td>Computerized Flat Knitting Machine</td>
</tr>
<tr>
<td>SFR122</td>
<td>Computerized Flat Knitting Machine</td>
</tr>
<tr>
<td>SSA112</td>
<td>Computerized Flat Knitting Machine</td>
</tr>
<tr>
<td>SGO122SN</td>
<td>Computerized Flat Knitting Machine</td>
</tr>
</tbody>
</table>

Glove/Sock Knitting Machines

<table>
<thead>
<tr>
<th>Machine Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFG-I</td>
<td>Automatic Seamless Glove Knitting Machine</td>
</tr>
<tr>
<td>SPF-W</td>
<td>Fully Automatic Sock Knitting Machine</td>
</tr>
</tbody>
</table>

Computerized Cutting Machines

<table>
<thead>
<tr>
<th>Machine Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-CAM®160</td>
<td>Single-Ply Fabric Cutting Machine</td>
</tr>
<tr>
<td>P-CAM®182</td>
<td>Multi-Ply Fabric Cutting Machine</td>
</tr>
<tr>
<td>P-CAM®120C</td>
<td>Computerized Cutting Machine (NC Cutting Machine)</td>
</tr>
</tbody>
</table>

Inkjet Printing Machine

<table>
<thead>
<tr>
<th>Machine Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sip160F3</td>
<td>Inkjet Printing Machine</td>
</tr>
</tbody>
</table>

Spreading Machine

<table>
<thead>
<tr>
<th>Machine Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPSR2</td>
<td>Spreading Machine</td>
</tr>
</tbody>
</table>

Examples of Design System Usage

- Fashion and other industries:
  - Umbrellas
  - Bags
  - Socks
  - Shirts
  - Innerwear
  - Suits
- Home products:
  - Towels
  - Curtains
  - Automotive seat

Examples of Cutting Machine Usage

- Textile/Knitwear: Denim, Tricot, Quilting
- Apparel: Fabrics, Leather, PVC, Urethane with film
- Industrial materials: Carbon- and Glass-Fiber Reinforced Plastic (CFRP and GFRP) pre-impregnated composites (prepregs)
Building the Ideal Work Environment

Total electrical output from solar panels installed on our factory roofs reaches 1,550 kW for the SHIMA SEIKI Group as a whole.

Effective use of resources

Natural sunlight at the FA2 and FA3 plants contributes to a 50% reduction in electricity consumption.

Contribution to local communities

Sidewalks were built on parts of the premises, and scenery has been improved by putting electric power lines underground.

Greening efforts

More than 30% of factory site is green area, in which the changing seasons can be enjoyed.

Evolving knitwear

‘WHOLEGARMENT® knitwear provides not only a new level of fashion design but also reduces energy consumption and CO₂ emissions from material waste and shipping.

Manufacturing innovation

Through manufacturing methods that eliminate wasted time and resources, we are offering proposals that will make the labor-intensive fashion industry more creative and communication-based.

Quality Time Cost
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.

**Global Network**

**SHIMA SEIKI WIN WIN SHANGHAI LTD.**
No.20, 21 3rd Ring Road, Shanghai, China (People’s Republic of China)
Tel: +86-21-5270-9898 Fax: +86-21-5270-9797
info@shimawinwinsh.com

**SHIMA SEIKI EUROPE LTD.**
Sills Road, Willow Farm Business Park, Castle Donington, Derbyshire, DE74 2US, U.K.
Tel: +44-1332-814770 Fax: +44-1332-850272
info@shimaseiki.co.uk

**SHIMA SEIKI HONG KONG LTD.**
3/F, S.A.C.C., 64 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong
Tel: +852-2898-8339 Fax: +852-2558-8332
enquiry@shimaseiki.com.hk

**SHIMA SEIKI FRANCE SARL**
24, Rue du Moulin des Bruyeres 08400
d’Eboli, Italy
Tel: +33-1-47-88-27-42 Fax: +33-1-47-88-10-78
info@shimaseiki.fr

**SHIMA SEIKI (HONG KONG) LTD.**
3/F, S.A.C.C., 64 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong
Tel: +852-2898-8339 Fax: +852-2558-8332
info@shimaseiki.com.hk

**SHIMA SEIKI MFG., LTD. (TAIPEI BRANCH)**
1F, 30, Lane 583, Ruey Kuang Rd., Neihu, Taipei 11612, Taiwan
Tel: +886-2-8753-3268 Fax: +886-2-8707-0523
shima-taipei@shimaseiki.co.jp

**SHIMA SEIKI WIN WIN DONGGUAN LTD.**
No.236, Fu Li Road, Xiang Wei Cun, Dalang Town, DongGuan City, Guangdong Province, CHINA 523776
Tel: +86-769-8318-9234 Fax: +86-769-8318-9214
donnguan@shimaseiki.com.hk

**Overseas Contacts**

- SHIMA SEIKI WIN WIN SHANGHAI LTD.
- SHIMA SEIKI THAILAND CO., LTD.
- SHIMA SEIKI (THAILAND) CO., LTD.
- SHIMA SEIKI (HONG KONG) LTD.
- SHIMA SEIKI (HONG KONG) LTD.
- SHIMA SEIKI HONG KONG LTD. (CHINA)
- SHIMA SEIKI EUROPE LTD. (U.K.)
- SHIMA SEIKI WIN WIN SHANGHAI LTD.
- SHIMA SEIKI (HONG KONG) LTD. (CHINA)
- SHIMA SEIKI DESIGN CENTER OF SHANGHAI
- SHIMA SEIKI DESIGN CENTER OF KOLKATA
- SHIMA SEIKI DESIGN CENTER OF HONG KONG
- SHIMA SEIKI DESIGN CENTER OF MILANO
- SHIMA SEIKI DESIGN CENTER OF BARCELONA
- SHIMA SEIKI DESIGN CENTER OF NEW YORK
Company Name: SHIMA SEIKI MFG., LTD.
President: Masahiro Shima
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: 42,940 million yen (non-consolidated; fiscal year ended March 2016)
Capital: 14,859.8 million yen
Employees: 1,244

Main Banks:
The Bank of Tokyo-Mitsubishi UFJ, 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

Entrance hall (first floor, headquarters building)

High-Vision Hall with a 214-inch “Blue ocean” seamless screen.

Related Companies

TOYOBOSHI KOGYO CO., LTD.
Semboku-gun Tadoeka-cho Tadoeka-higanji 3-3-10, Osaka 595-0805 Japan
Tel: +81-725-22-3190 Fax: +81-725-33-2161
E-mail: info@toyoboshi.co.jp

SHIMA CO., LTD.
85 Sakata, Wakayama 641-0003 Japan
Tel: +81-73-475-7600 Fax: +81-73-475-7612
E-mail: info@shima-co.co.jp
http://www.shima-co.com

INNOVATION FACTORY CO., LTD.
320 Kozaki, Wakayama 640-8514 Japan
Tel: +81-73-474-6648 Fax: +81-73-474-6649

Related Facilities

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

Auberge de South Terrace
Auberge South Terrace
Nishimuro-gun Shiroyama-cho 2988-10, Wakayama 649-2211 Japan
Tel: +81-739-42-4555 Fax: +81-739-43-2720

Factory
85 Sakata, Wakayama 641-8511 Japan
Tel: +81-73-474-8210 Fax: +81-73-474-8270

SHIMA SEIKI, WHOLEGARMENT, MACH1, FIRST, SWG, SES, SIG, SGR, SIR, LAPIS, SGL, SRY, SDS-ONE APX, SIR, P-CAM, SlideNeedle, R2CARRIAGE, WadGate, DISCS, JSC, CS-DOT, TOTAL FASHION SYSTEM, SHIMATRONIC, Kneave and AIRDROBE are either registered trademarks or trademarks of SHIMA SEIKI MFG., LTD. in Japan and/or other countries.