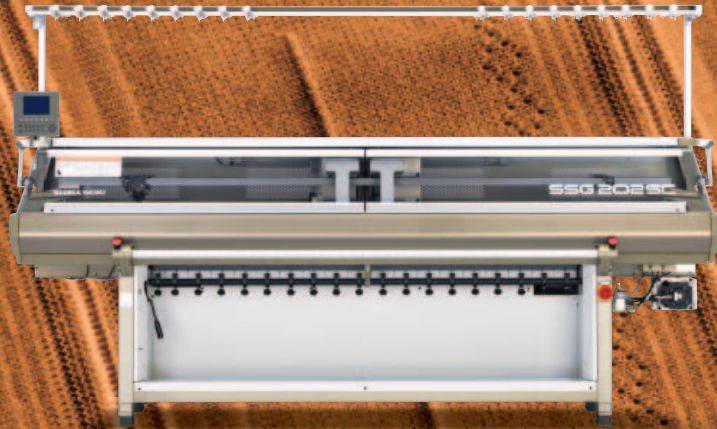


your choice
SHIMA SEIKI



SSG 202SV / 202SC

Computerized Flat Knitting Machine

ADVANCED KNITTING TECHNOLOGY WITH HIGH COST-PERFORMANCE.

The SSG[®]202SV and SSG[®]202SC are part of Shima Seiki's new generation of SSG[®]-series flat knitting machines, both featuring great cost-performance for entry-level computerized knit production. It carries over such proven industrial benchmarks as the spring-type full sinker system, while new technology such as the R2Carriage[®] raise their productivity to another level. Other improvements include a built-in controller for space-efficiency and easier maintenance, as well as lower overall machine height for easier access. SSG[®]202SV and SC also support a variety of production needs with their wide 80-inch knitting width and tandem knitting capability. High in content and low in economical impact, the SSG[®]202SV and SC are the perfect introduction to computerized knit production.

R2CARRIAGE[®]

The new R2 (Rapid Response) Carriage[®] System increases maximum knitting speed over previous SES[®] models. More importantly, the R2Carriage[®] achieves quicker carriage returns after each course. Combined, these improvements result in significant increases in productivity depending on the gauge and type of fabric.

WIDEGAUGE[®] Knitting

Special knitting needles on SSG[®]202SV realize WideGauge[®] capability whereby a variety of gauges—from finer-gauges using all-needle knitting, to lower-gauges using half-gauge knitting—can be knit on a single machine. This allows the freedom to handle changing seasons

and shifting trends without investing in a machine for every gauge or resorting to the complex, time-consuming task of gauge conversion.

Tandem Capability for Flexible Operation

SSG[®]202SV and SC feature twin carriages, each with a single Knitran[®] system. While both carriages can be used together along the entire width of the needle bed in double-system mode, the carriages can be separated into two single-Knitran[®] cam systems for knitting two identical pieces, such as collars, simultaneously. Tandem operation thereby allows a single SSG[®]202 to perform two separate roles, significantly increasing the versatility and productivity of the machine.



Knitting Width



Knitran Systems



Ultra-Lightweight Carriage



Tandem Operation



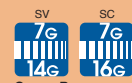
Belt-Drive Operation



R2Carriage[®]



Tough Needle Bed



Gauge Range



WideGauge[®]



Gaugeless Knitting



Solenoid Needle Selection



Stitch Presser



Full-Time Sinker



DSCS[®]



Takedown Rollers



Dust Cleaner



Schedule Knit



Back-Lit LCD Panel



Network Interface



Pattern Memory

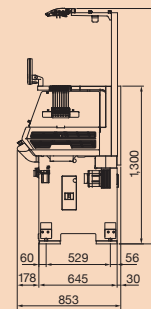
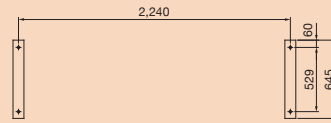
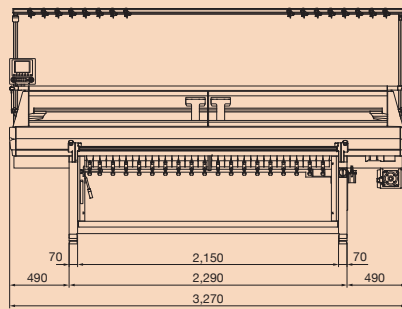


USB Memory Interface



Back-up Power

DIMENSIONS



Average Weight

SSG202 1,140kg (2,508 lbs)

Actual weight is dependent upon gauge and optional equipment.

All dimensions are in millimeters.

SPECIFICATIONS

Type	SSG®202SV	SSG®202SC
Gauge	7, 12, 14	7, 8, 10, 12, 14, 16
Knitting width	Variable stroke. Max 80" (203cm)	
Tandem width	Max 37" (94cm) × 2	
WideGauge®	Wide range of gauge knit on a single machine.	—
Knitting speed	Max 1.3m/sec. Knitting speed varies according to gauge and knitting condition. Variably adjustable speed levels. 10 additional programmable speeds.	
Stitch density	70 levels, electronically controlled.	
Racking	Motor-driven racking mechanism. Max 2-inch racking. 1/2 and 1/4 pitch also available from any position.	
Knitting system	Single KNITRAN® system. Twin R2Carriage® system.	
Transfer	Simultaneous transfer, front or back, independent of carriage direction. Split stitch possible without exchanging yarn carriers.	
Sinker system	Spring-type moveable full-sinker system.	7 ~ 12G : Spring-type moveable full-sinker system ¹ . 14&16G: Fixed type sinker system ² .
Stitch presser	Special motor-driven system allows individual adjustment for on/off in knit and transfer.	
Needle hook conversion	Conversion between LL-size and MM-size possible without exchanging cams.	—
Needle selection	Full jacquard selection via special solenoid actuators.	
Takedown device	Main rollers: Changeable 99 levels, automatically adjustable on each level. Sub rollers : Changeable 99 levels, automatically adjustable on each level. Automatic opening and closing.	
DSCS®	—	Consistent loop length by digital control method. 8 encoders and yarn feed roller with 8 positions on Left side. Optional ³ .
Yarn feed rollers	10 positions on both sides (SV7G only)	—
Side tensions	8 on each side (SV7G: 12 on each side)	8 on each side
Yarn carriers	12 normal carriers	12 normal carriers
Top tensions	16 tension devices (SV7G : 24 tension devices)	16 tension devices
Stop motion	One-touch easy threading. Lowered 100mm for easy access. Large knots cause machine stop. Small knots cause 0-9 courses at specified knot detection speed, then automatically resume at set speed.	
Drive system	Yarn break, large knot, wraparound check, shock detection, piece count, over-torque, program error, etc.	
Cleaner	Belt drive. AC servo motor. No lubrication necessary.	
Safety devices	Special blower-operated cleaner	
Operation lamp	Full safety cover for noise-suppression and dust-proofing with stop motion sensor and interlock mechanism. Stop button. Power supply disconnecting device. Ultra-low speed "crawl" setting. CE Mark. Indicator lamps (see below).	
	Green / normal operation. Flashing green / normal stop. Flashing amber / abnormal stop.	

CONTROLLER

Data input	USB memory interface. USB 3.5" MO disk interface. Ethernet 10 / 100 BASE-T network interface.
Pattern memory	12,582,912 bits (1,024 wales × 4,096 addresses)
Control unit	Built-in controller. Stored program for flat knitting machine.
Control display	Monochrome LCD panel. Editing possible via display panel operation. Available in English, French, Italian, Spanish, Portuguese, German, Turkish, Russian, Chinese, Korean and Japanese.
Back-up power	Power supply for resuming knitting after power failure.
Power	3 phase AC200V±10% 2.0KVA

OPTIONS : (1) Spring-type moveable sinker (SC14G,16G). (2) Fixed sinker (SC12G). (3) DSCS®.

Fully Fashioned High-Speed Knitting Machine

your choice
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Shima Seiki maintains a policy of continuous improvement for its products, and therefore specifications and appearances are subject to change without notice.

Please contact your nearest authorized sales representative for the latest information.



SAFETY NOTICE

In order to ensure safe operation of the equipment, please review all operation manuals carefully before use.

SSG202SV/202SC Printed in Japan