

MODEL

# SGSP5214 SGSP5214EV2

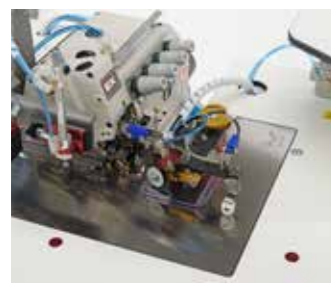
**AUTOMATIC SERGING UNIT FOR FRONT AND BACK PANELS**  
COMPLETE SET



The unit perfectly works in automatic mode with big curve or skinny shape of garments, light stretch or heavy fabric, different thickness on front and back panels. Full guarantee of the leg measures. One operator can manage 2 units!  
**SGSP5214EV2:** a new upgraded version with patented device for serging operation "push up" pants.



SGSP5214 Sewing Unit



Sewing Head



Console



Oil cooling device



Different kind of sewing on demand

## HIGHLIGHTS

- Patented device for smooth feeding of the curved panel
- Special patented control and feeding guide controlled by photocell detecting the edge of the cutting shape
- Patented device for the rotation of the feeding device for leggings pants or push-up jeans without the help of the operator - **SGSP5214EV2** unit model
- Sensor detecting the thickness of the fabric on front panels for pocket facing and back panels on yoke area in automatic mode without operator's handling
- Three different working ways to run the unit: fully automatic, semi-automatic and manual mode
- Constant productivity with no skilled operator. In many cases, one operator can manage two workstations at the same time
- No helpers required
- Oil cooling device for full guarantee of 24 hours / 7 days running conditions
- Stacker device suitable for kids garment - shorts - skirts
- User-friendly console for all I/O signals and function mode
- Perfectly integrated Thread Cutter made by Pegasus Japan
- All pneumatic Valves and Cylinder made by SMC, available in the market
- **Ready for sewBI:** our business intelligence revolutionary platform by Sip-Italy. **sewBI** is business intelligence applied into sewing dept., the unique technology able to combine and collect all production details by machinery and operator efficiency together with work in progress status of the production lot (pag. 64-65)

## TECHNICAL DATA

- **Sub-class:**  
**SGSP5214:** standard automatic unit  
**SGSP5214EV2:** automatic unit equipped with new device for "push up" trouser
- Sewing Head: Pegasus EX Serie, top premium series, Model EX5214-03/333x2x4/PT  
**Two needles - four threads.**  
**Different sub-class of sewing head for different kind of serging seams can be delivered on demand**
- Sewing Speed: **7.500 RPM**
- Thread Cutter: vacuum air aspiration, made by Pegasus Japan, genuine original parts all available worldwide in the market
- Pressure foot lifter: Made in Germany by EFKA
- Power Supply: **220 Volt Mono-phase 50/60 Hz**
- Size and Weight: **180x110x115 cm - 260 Kg**

## PRODUCTIVITY

Production data for two front and two back panels for a total of four seams each garment. The minimum productivity ratio achievable:



**Average production for short size length pants:**

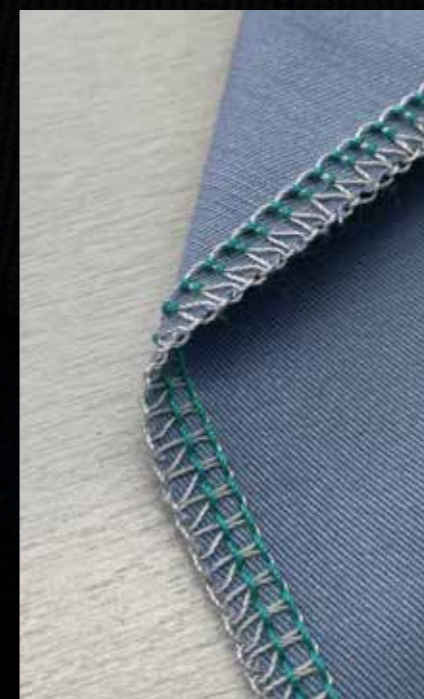
**300 pairs / 1 Working Hour**  
**2.400 pairs / 8 Working Hours**  
Complete cycle time **4** seconds



**Average production for Big size length pants:**

**150 pairs / 1 Working Hour**  
**1.200 pairs / 8 Working Hours**  
Complete cycle time **6** seconds

## RANGE OF USE



Serging for single front and back panel



Guaranteed measures



Patented Technology