

MODEL

6044-SPVLV

SEMI AUTOMATIC WAISTBAND UNIT FOR SINGLE BAND
PRE-FOLDING EDGE STYLE, PIECE BY PIECE PROCESS

COMPLETE SET

Automatic waistband unit, unique-equipped with direct drive electronic puller device controlled by step motor. The unit is usually utilized for pre-folding edge operation / downturn folder operation pcs by pcs, single band, as Levi Jeans Style or similar. The workstation is complete with movable folder bracket for initial and final edge manual waistband folding operations.



6044-SPVLV Sewing Unit



Electronic Direct Drive Puller



Double Belts Puller



Console



Sewing sample

HIGHLIGHTS

- Electronic Direct Drive Puller, transmission by Step Motor, ensures a perfect synchronization with the sewing head
- Perfect timing means no waves in the seam, no puckering, perfect stitch quality!
- Automatic thread chain cutter device works at the beginning and at the end of the seam controlled by photocell
- No helpers required
- Pneumatic Presser Foot Lifter
- Common control box as other Sip-Italy units
- Common spare parts available in the local market
- Kansai sewing head, cylinder arm, made in Japan, full oil lubricated, device to release the loopers for thread in operation
- **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

- Sewing Head: Kansai **FBX-1104, Needle feed plus Drop feed**
- Two options for Standard needle gauges available with the units:
 - a. **1/4"-1"-1/4"**; four needles; ext. needle **1"1/2**; needle to needle **1/4"**
 - b. **1/4-7/8"-1/4"**; four needles; ext. needle **1"3/8**; needle to needle **1/4"** **Please specify with customer PO**
- Motor: standard servo motor EFKA, made in Germany
- Sewing Speed: **4.000 RPM**
- Air Consumption: **0.3** liters/cycle at a pressure of **5.5 bar**
- Power Supply: **220 Volt Mono-phase 50/60 Hz 0.5 kW**
- Size and Weight: **105x75x140 cm - 150 Kg**

PRODUCTIVITY



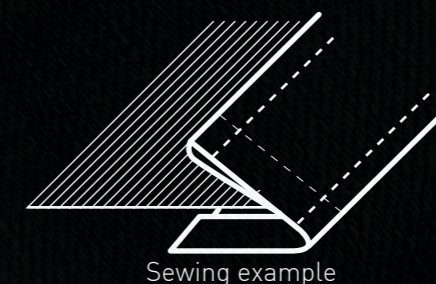
Average production:
100 pairs / 1 working hour
800 pcs / 8 working hours
 Complete cycle time **10** seconds

OPTIONS

- Pneumatic Scissor for the extra band allowance, item code: **PNE.SCI.BAND.CUT-SIP**
- Quick change folder device, item code: **SIP.A.000282**
- Folder with special sizes
- Option needle gauge: **3/4" - 1" - 1"1/4 - 1"1/2 - 1"3/4 - 2" - 2"1/4 . 7/8" - 1"1/8 - 1"3/8 - 1"5/8 - 1"7/8 - 2"1/8**
- Sewing Head Lock & Chain BY Kansai, model **FBX-1104-LS**
- **sewBI software** for monitoring the production cycle

WORKING SEQUENCE

- Turn down the folder, insert the waistband, manually fold the initial edge, turn up the folder
- Insert the trouser panel and start to sew
- Before the end of sewing, turn down the folder
- Cut the extra waistband allowance
- Manually fold the second edge of the waistband, turn up the folder
- Finish the sewing with automatic chain cutting device



Sewing example