

MODEL

6044-SPVCH 6044-DIVA

AUTOMATIC WAISTBAND UNIT

COMPLETE SET

Automatic waistband unit, all chain-stitch, equipped with triple electronic puller devices, two on the top side and one at the bottom side. The unit attaches a waistband in an automatic way, with cutting at the beginning and at the end leaving the waistband edges open. All parameters can easily be set by touch screen.

The user obtains the best anatomic shape with straight cut and no marking operation.

6044-SPVCH: this model only sews a pre-formed continuous waistband by specific folder for all kinds of trousers, fashion or basic jeans and jacket. Electronic puller is driven by double step motors.

6044-DIVA: this model can sew pre-formed continuous and piece by piece waistband styles. Electronic puller is driven by single step motor.



6044-SPVCH Sewing Unit



6044-DIVA one step motor



Triple electronic puller device



6044-DIVA Console



Anatomic Banana Shape


HIGHLIGHTS

- The unique for fabric saving: electronic puller controlled by two independent step motors, for the best anatomic "banana" shape even with straight cut
- The unique for sewing quality: double curved waistband is always aligned with super stretch fabric, thanks to the patented puller device and the patented control of the pressure foot
- The unique for fashion: super Flexible Patented multi-needle gauge with the freedom to select needle gap 1/8" or 1/4" for different measures
- All functions programmable by touch screen
- Production cost saving: automatic cutting at the beginning and the end of the trouser. No helpers and skilled workers required, user-friendly unit
- Programmable skip stitch of both needles for closing the edges of the waistband with U-stitching; optional pneumatic skip stitch device for a single needle for closing the edges of the waistband with L-stitching
- Smart device for a quick change of the folder, useful for frequent change of belt band sizes, ensures perfect alignment with the sewing head, perfect for fragmented orders
- Supplementary straight or curved waistband rail to facilitate feeding of the fabric in the case of double belts
- 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, with 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**
- **Sub-class:**
6044-SPVCH: needle feed
6044-DIVA: needle and 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**
- Sewing Speed: **4.000 RPM**
- Motor: standard servo motor EFKA, made in Germany
- 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:
225 pairs / 1 working hour
1.800 pcs / 8 working hours
Complete cycle time **10** seconds

OPTIONS

- **6044-SPVCH**: multi-needle gauge, 1/4" gap = 6.4 mm : 3/4" - 1" - 1"1/4 - 1"1/2 - 1"3/4 - 2" - 2"1/4
item code: **SIP.A.000245**; 7/8" - 1"1/8 - 1"3/8 - 1"5/8 - 1"7/8 - 2"1/8, item code: **SIP.A.000246**
- **6044-SPVCH**: patented multi-needle gauge system. The same gauge can work for 1/8" = 3.2 mm or 1/4" = 6.4 mm gap with different following measures: 3/4" - 1" - 1"1/4 - 1"1/2 - 1"3/4 - 2" - 2"1/4, item code: **SIP.A.000772**

For both models:

- Special folders, single or double, straight or curved bands made in Italy
- Quick change folder device, item code: **SIP.A.000282**
- **sewBI software** for monitoring the production cycle
- Pneumatic single needle skip stitch seam device, item code: **SIP.A.000805**
- Supplementary extra waistband rail, item code: **SIP.A.000146**

RANGE OF USE



Single straight waistband style



Double straight waistband style



Double curved waistband style

By changing the folders, the user can attach different waistband style and size