

MODEL

# FOA928A-SIP



## FEED OFF THE ARM UNIT COMPLETE SET

**Feed off the arm unit**, 3 needle, chain stitch, special design for lap felling and/or double-lap seamings like yoke sewing, back seat, in-seam and side-seam operations for jeans, casual trousers in general, working clothes, denim jackets, etc.

**If you produce super stretch garment, this unit is a must for you!**



FOA928A-SIP Sewing Unit



Sewing Head



Folder Made in Italy



Control box



Key Unit in the production line

## HIGHLIGHTS

- Direct Drive Electronic 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!
- Optional **patented** thread tension control device to obtain flat chain stitch on super stretch fabric
- Sensor detecting the thickness: the work-station automatically adjusts the pressure on the presser foot bar along the seam in order to avoid to skip stitch or un-constant stitch length
- Automatic Dynamic pressure control device avoids to skip a stitch and quality problems in the most critical area as crotch area, yoke matching and all thick sewing points. The proximity sensor automatically detects the material thickness and ensures the correct pressure on the pressure foot
- Automatic dynamic speed control on thick area
- Optional automatic stacker device for unloading the trousers on the trolley in the back rise closing operation, item code: **SIP.A.001095 (pag.48-49)**
- Automatic dynamic presser foot edge control option device gives the guarantee of constant seam margin on crotch area, back rise area and inseam operations, item code: **SIP.A.000328**
- Automatic pneumatic chain cutter controlled by photocell
- Common electronic servomotor as other units of Sip-Italy range
- Full pushbutton operation. The stitch length can be changed simply by pressing a button and changing the parameter on the console. Very easy setting!
- Reverse lap folder made in Italy
- Standard consumable parts, available in all markets with the lowest running cost
- **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: Manufactured by Brother, model **928-A**, Made in China
- **Sub-class:**  
FOA928A5DCP-SIP: cl.5 whit DCP\*  
FOA928A5-SIP: cl.5 whitout DCP  
FOA928A7DCP-SIP: cl.7 whit DCP  
FOA928A7-SIP: cl.7 whitout DCP
- Sewing Speed: **4.500 RPM**. Stitch length from **1 to 5 mm**
- Presser foot lifter: pneumatic
- Standard needle gauge: **6.4 mm = 1/4"**
- Air Consumption: **0.3 liters/cycle** at a pressure of **5.5 bar**
- Motor: standard servo motor EFKA, made in Germany
- Power Supply: **220 Volt Mono-phase 50/60 Hz 0.6 kW**
- Size and Weight: **96x73x140 cm - 140 Kg**

## OPTIONS

- Automatic stacker device for back rise operation, item code: **SIP.A.001095 (pag.48-49)**
- Needle gauge: **4.8 - 5.6 - 7.2 - 8.0 - 9.6 mm**
- \*Automatic dynamic presser foot edge control option device, item code: **SIP.A.000328**
- Patented thread tension control device, item code: **SIP.A.001024**
- Mechatronic device for super stretch fabric made in Italy, item code: **SIP.A.000856**
- Reverse yoke seam: reverse folder for right side yoke seam to be used with the plate
- Extended plate for reverse yoke, item code: **SIP.A000440**

## PRODUCTIVITY

-  **Yoke Seam**  
from **200** to **300** pairs of jeans / 1 hour
-  **Back Rise**  
from **250** to **350** pairs of jeans / 1 hour
-  **Inseam Sewing**  
from **130** to **180** pairs of jeans / 1 hour
-  **Side Seam Sewing**  
from **100** to **130** pairs of jeans / 1 hour

## RANGE OF USE

