

MODEL

FOA261M-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. Sewing head for years in the market, known for its speed and reliability, totally manufactured in Japan by Seiko, further improved in mechanics and performance, worldwide exclusive for our company.

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



FOA261M-SIP Sewing Unit



Sewing Head



Folder Made in Italy



Control box



Key Unit in the production line

HIGHLIGHTS

- Auxiliary mechanical smart Rubber Belt Puller device ensures a perfect material feed synchronization with the sewing head
- Perfect timing means no waves in the seam, no puckering, constant stitch length, perfect stitch quality!
- **Patented** thread tension control option device for thick thread in order to obtain flat chain stitch for super stretch fabric
- Running speed of **5.000 RPM**
- Sewing head with long-established reliability, manufactured in Japan by Seiko, sewing speed **5.000 RPM**, fully oil lubricated, manufactured and sold to several jeans apparel companies for many years under different brands, now world exclusive for Sip-Italy
- Automatic Dynamic pressure control device avoids to skip 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
- Automatic dynamic presser foot edge control option device guarantees constant seam margin on crotch area, back rise area and in-seam operations, item code: **SIP.A.000328**
- 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)**
- Thanks to all technical features and sewing head speed, we can achieve Top productivity for in-seam operation: 5 pairs in 1 minute!
- The operator will enjoy the use of this unit! It is no more necessary a skilled capability to pull and push the material in order to match the two parts
- Automatic pneumatic chain cutter controlled by photocell; no helpers required
- Consumable spare part as needle gauge set made by Brother Industries. It's our company and product range engineering philosophy to guarantee to the user the spare parts availability in all local markets. In order to guarantee the lowest running cost, we equipped the Seiko Sewing head with genuine Brother needle gauge set parts, exactly the same as Brother Feed off the arm unit model **9280**
- Special Reverse lap folder, made in Italy





TECHNICAL DATA

- Sewing Head: 3 needles, chain stitch, manufactured by Seiko in Japan
- **Sub-class:**
FOA261M5DCP-SIP: cl.5 whit DCP*
FOA261M5-SIP: cl.5 whitout DCP
FOA261M7DCP-SIP: cl.7 whit DCP
FOA261M7-SIP: cl.7 whitout DCP
- Sewing Speed: **5.000 RPM**. Stitch length from **1 to 4.5 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**
- Folder for super stretch fabric made in Italy, item code: **GO 180SPE**
- 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 **150** to **200** pairs of jeans / 1 hour
-  **Side Seam Sewing**
from **110** to **140** pairs of jeans / 1 hour

RANGE OF USE

