



## FF 6100-TR-ZP

POCKETWELT AUTOMAT WITH ZIPPER



Website



Youtube



### PERFORMANCE

225 - 250 pieces with zipper / 1 hour

275 - 300 pieces / 1 hour

1800 - 2000 pieces with zipper / 8 hours

2200 - 2400 pieces / 8 hours



The FF 6100-TR-ZP is a Lock-Stitch Pocket Welting Machine for straight (can also optionally be ordered with split needle system for slanted/angle) pockets with an integrated Automatic Endless Zipper Feeder System from a Roll. The Zipper System allows two sides of the endless plastic zipper to be inserted automatically from a roll above the machine into the welt during the sewing cycle. At the end of the sewing cycle, the zipper is cut to the exact length. Only plastic zippers can be used! This unit which works only with Type 3 and Type 5 Nylon Zippers from a roll. When the Automatic Zipper Feeding System is shut off it can be used as a standart pocket welting machine for blazers, trousers and jeans etc .

## TECHNICAL SPECIFICATIONS

- Brother Model C series needle transport lock-stitch sewing head
- PLC Control Unit
- Model C Series Sewing Head with AC Servo Motor (Optionally with EFKA Mini Stop Motor)
- Beijer Electronics with Windows Based Color Touch Screen Panel
- Easy to use Graphics on the Operator Panel with 50 Programming and Cycle Operation
- Clamp Control Unit : AC Servo Motor & Driver
- Linear Motor Controlled Center Knife System
- Laser Photocell System Measuring the Size of the Pockets flaps and sewing accordingly
- Four Laser Reference Lines for stitch control at Front-Middle& Rear
- Double welt folders come standard
- Automatic thread Cutting System in the Beginning and End of the Seam
- Upper Thread Monitor and Bottom Thread Monitor
- Pocket Welt lengths from 20 mm to 210 mm
- Needle bite size options : 12mm / 14mm / 16 mm or 18 mm

\*the needle bite size must be specified at time of order!

## ADVANTAGES

- Step Motor Controlled Moving Corner Knife System (0,1 mm micro adjustment)
- Corner Knives and Connection Unit providing 3 Dimensional Adjustments
- Programmable start and end back-tack or optionally adjustable stitch condensing
- Quick change system for quick replacement between single & double welt
- Clamp holder for Pocket Flap and Pocket Bag on Right or Left
- Tilt Back Sewing Head allows easy maintenance.
- Swing out folding front group for easy access in case of re-threading and bobbin changes.
- Micro Adjustment Unit for Right-Left Carriage

## OPTIONS

- Auto Tape Feeder for automatic loading and cutting of interfacing
- Universal Stacker to remove the panels from the machine
- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Connection Unit to Central Vacuum System
- Roll-off device for removing smaller / shorter pieces
- Brother Direct Drive Head
- Sandwich Clamp for lightweight fabrics not to slip during sewing cycle
- Single welt folder
- Ceramic Knives for better cutting performance on zippers

\*the needle bite size must be specified at time of order!

## TECHNICAL DETAILS

Max. Sewing Speed : 3.000 r.p.m  
 Max. Stitch Length : 0,5 or 3 mm  
 Stitch Type : 301 ( Lockstitch )  
 Needle Distances :  
 12mm/14mm/16 mm/18mm  
 Connection Voltage: AC 230 V, 50/60 Hz  
 Air Pressure : 6 bar

## DIMENSIONS

L: 140 cm / W: 80 cm / H: 120 cm  
 Packing Size : 164 cm x 94 cm x 145 cm  
 Machine Net Weight : approx. 200 kg  
 Machine Gross Weight : approx. 240 kg

