

## FF 6200 RBT

POCKET WELT ROBOT



Website

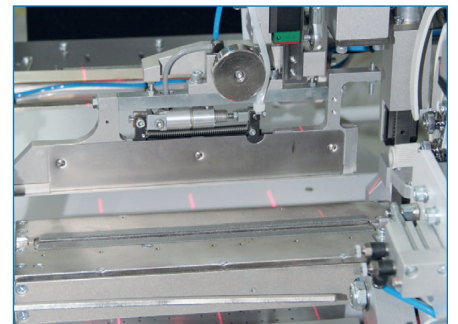
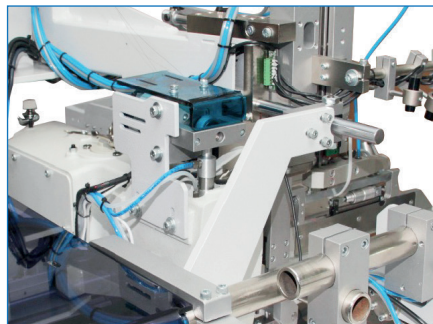
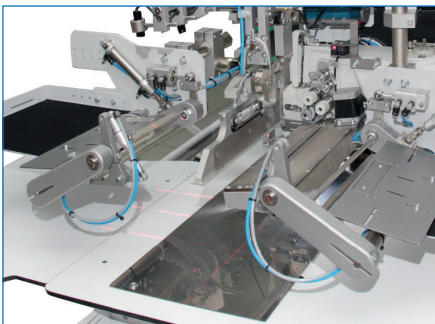


Youtube

### PERFORMANCE

275 - 375 welt pockets / 1 hour

2200-3000 welt pockets / 8 hours



FF 6200-RBT version is an automated sewing unit for straight (and optionally slanted) welt pockets with the automatic feeding of breast welt pieces as standart and optionally automatic feeding of pocket facings and pockets bag. The second most important advantage of this robot is its cutting capability of the two edges of the weltting piece which guarantees the stitched piece to be with zero pockering and best quality. This fully automatic version is for more suited for garments manufacturers with enough capacity to stitch one type of pocket welt on one unit only.

## TECHNICAL SPECIFICATIONS

- Brother Model C series direct-drive needle transport lock-stitch sewing head
- Beijer Electronics with Windows Based Color Touch Screen Panel
- Easy to use Graphics on the Operator Panel with 50 Programming and Cycle Operation
- PLC Control Unit
- Model C Series Sewing Head with AC Servo Motor (Optionally with EFKA Mini Stop Motor)
- EfkA 550 W Mini Stop DC motor or Optional: Direct Drive DC Servo Sewing Motor
- 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
- Pocket Welt length sizes from 20 mm to 200 mm
- Step Motor Controlled Moving Corner Knife System
- Corner Knives and Connection Unit providing 3 Dimensional Adjustments
- Programmable start and end back-tack or optionally adjustable stitch condensing
- Clamp holder for Pocket Flap and Pocket Bag on Left
- Tilt Back Sewing Head allows easy maintenance.
- Swing out folding station for easy access in case of re-threading and bobbin changes.
- Automatic thread Cutting System in the Beginning and End of the Seam
- Upper Thread Monitor and Bottom Thread Monitor
- Micro Adjustment Unit for Right-Left Gramer
- Needle bites sizes are available as 10 mm, 12 mm, 14 mm, 16 mm, 18 mm, 20 mm  
\*the needle bite size must be specified at time of order!

## OPTIONS

- Automatic feeder for pocket facing
- Automatic feeder for pocket bag
- Vacuum motor (220 ac 3-2 phase / 0.7-0.8 kw )
- Auto tape feeding system
- Universal Stacker Unit
- Roll-off device for small pieces

## ADVANTAGES

- Automatic feeding of pocket facing and pocket bag
- Very precise corner incision
- Maximum quality without mechanic conversion, even in most problematic fabrics
- Fully overlapped working method & easy operation

## TECHNICAL DETAILS

Max. Sewing Speed : 3.000 r.p.m  
 Max. Stitch Length : 0,5 or 3 mm  
 Stitch Type : 301 ( Lockstitch )  
 Needle Distances : 10 - 20 mm Standart  
 8 - 10 mm / 22 - 24 - 26 mm Optional  
 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

