

## FF 6100-TR POCKETWELT AUTOMAT



### PERFORMANCE

2200 - 2400 pieces / 8 hours

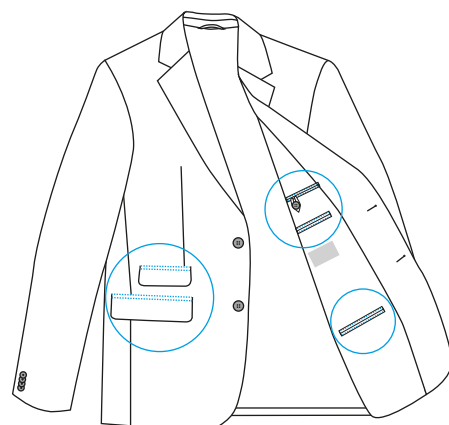
275 - 300 pieces / 1 hour



The FF 6100 TR Lockstitch Pocketwelding Machine is for all types of welted pockets in all segments of the garments industry. The unit allows an efficient and flexible stitching of straight flap pockets and inside pockets for the production of men's and lady's jackets, coats, blazers, anoraks, trousers, jeans and chinos at a maximum quality level. It can sew at speeds up to 3,000 spm and is equipped with Windows based color graphic touch screen which makes it very easy for the operator to adjust the machine for perfect pocketwelts on every type of pocket welding operation.

## TECHNICAL SPECIFICATIONS

- Brother Model C series 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
- Panasonic AC Servo Motor & Driver Controlled Clamp Unit
- 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 210 mm
- 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
- Double welt folders come standard
- 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.
- 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

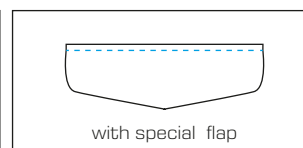
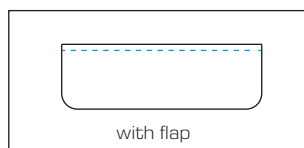
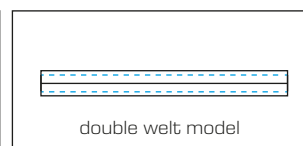
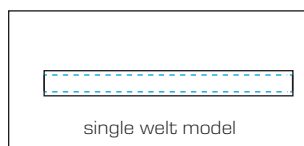
- Automatic tape feeder
- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Direct Connection Unit to Central Vacuum System
- Universal Stacker Unit
- Roll-off device for small Pieces
- Fabric stretching bar
- Sandwich Clamp Connection Unit
- Single welt folder
- Needle bite size: 6 mm, 8mm & 22 mm, 24 mm, 26 mm

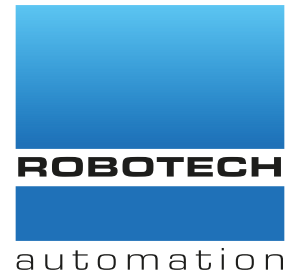
## TECHNICAL DETAILS

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  
 6 -8 mm / 22 - 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





## FF 6100-TR-AP POCKETWELT AUTOMAT



### PERFORMANCE

2000 - 2200 pieces angle pockets / 8 hours  
2200 - 2400 pieces standard pockets / 8 hours

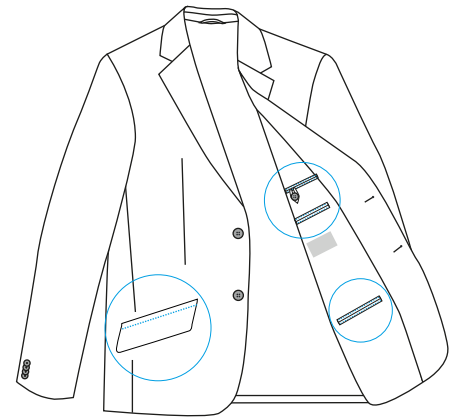
250 - 275 pieces angle pockets / 1 hour  
275 - 300 pieces standard pockets / 1 hour



The FF 6100 AP Lockstitch Pocketwelting Machine allows an efficient and flexible production of straight and slanted (angle) welt pockets, flap pockets and inside pockets for the production of men's and lady's jackets, coats, blazers, anoraks, trousers, jeans and chinos at a maximum quality level. It can sew at speeds up to 3,000 spm and is equipped with Windows based color graphic touch screen which makes it very easy for the operator to adjust for perfect pocketwelts on every type of pocket welting operation.

## TECHNICAL SPECIFICATIONS

- Brother Model C series 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
  - Panasonic AC Servo Motor & Driver Controlled Clamp Unit
  - 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 210 mm
  - 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
  - Double welt folders come standard
  - 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.
  - 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 bite sizes are available as 10 mm, 12 mm, 14 mm, 16 mm, 18 mm
- \*the needle bite size must be specified at time of order!



## OPTIONS

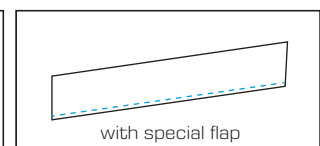
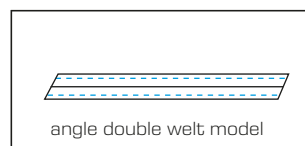
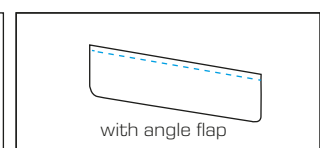
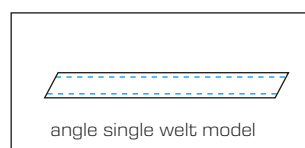
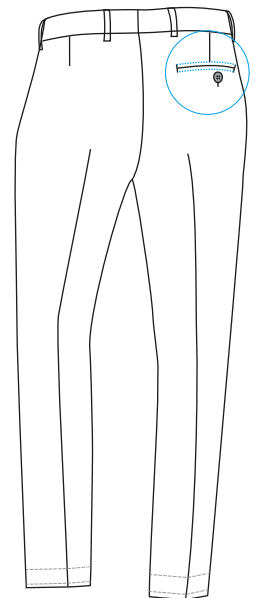
- Automatic tape feeder
- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Direct Connection Unit to Central Vacuum System
- Universal Stacker Unit
- Roll-off device for small Pieces
- Fabric stretching bar
- Sandwich Clamp Connection Unit
- Single welt folder
- Needle bite size: 6 mm, 8mm & 20 mm, 22 mm, 24 mm

## TECHNICAL DETAILS

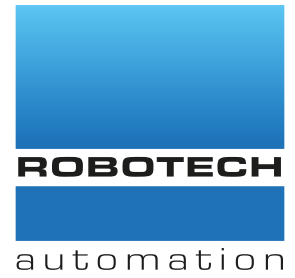
Max. Sewing Speed : 3.000 r.p.m  
 Max. Stitch Length : 0,5 or 3 mm  
 Stitch type : 301 ( Lockstitch )  
 Needle Distances : 10 - 18 mm Standart  
 20 - 24 mm Optional  
 Connection Voltage: AC 230 V, 50/60 Hz  
 Air Pressure : 6 bar

## 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







## FF 6100-TR-ZP

POCKETWELT AUTOMAT WITH ZIPPER



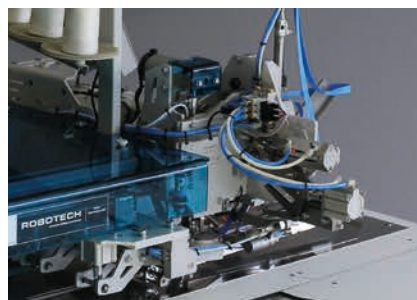
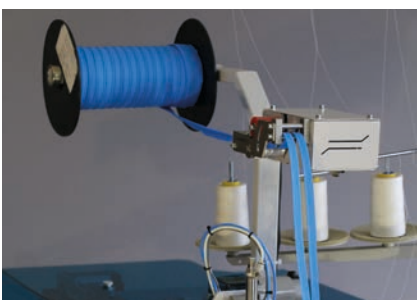
### PERFORMANCE

1800 - 2000 pieces with zipper / 8 hours

2200 - 2400 pieces / 8 hours

225 - 250 pieces with zipper / 1 hour

275 - 300 pieces / 1 hour



The FF 6100 – TR/ZP is a straight (and optionally slanted) pockets with integrated endless Plastic Zipper (type 3 and 5) from a Roll. The unit is for all types of welted pockets in all segments of the garments industry. This unit also allows an efficient and flexible production flap pockets and inside pockets for the production of men's and lady's jackets, coats, blazers, anoraks, trousers, jeans and chinos with zipper at a maximum quality level when zipper function is shut off. It can sew at speeds up to 3,000 spm and is quipped with Windows based color graphic touch screen which makes it very easy for the operator to adjust for perfect pocketwelts on every type of pocket welting operation.

## TECHNICAL SPECIFICATIONS

- Brother Model C series 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
  - Panasonic AC Servo Motor & Driver Controlled Clamp Unit
  - 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 210 mm
  - 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
  - Double welt folders come standard
  - 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.
  - 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
  - Suggested to be used with Ceramic Knives (optional) for cutting performance on zippers
  - Needle bite size options : 12mm / 14mm / 16 mm or 18 mm
- \*the needle bite size must be specified at time of order!

## OPTIONS

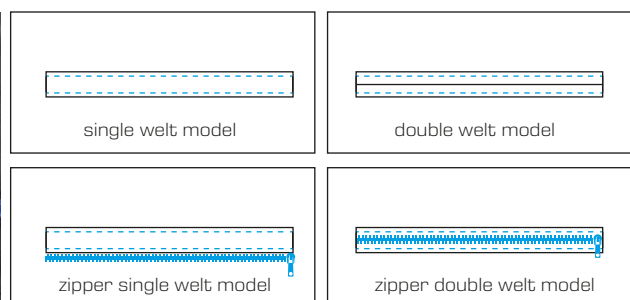
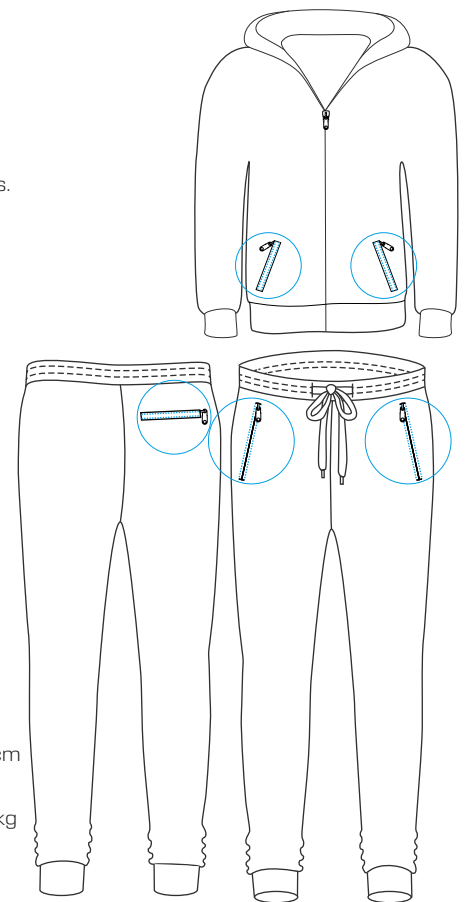
- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Direct Connection Unit to Central Vacuum System
- Universal Stacker Unit
- Fabric stretching bar
- Sandwich Clamp Connection Unit
- Single welt folder

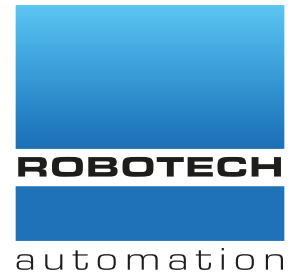
## TECHNICAL DETAILS

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





**FF 6200-TR**  
POCKETWELT AUTOMAT



**PERFORMANCE**

2000 - 2400 pieces / 8 hours  
250 - 300 pieces / 1 hour

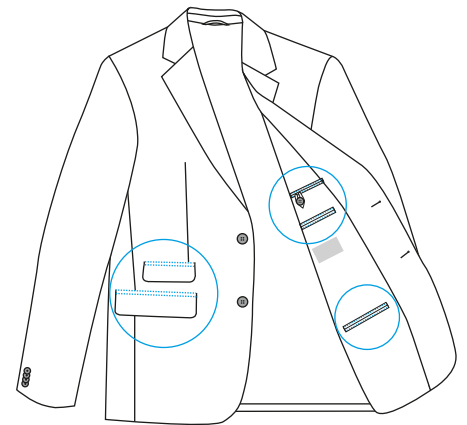




The FF 6200-TR lockstitch pocketwelding machine is for all types of welted pockets in all segments of the garments industry. The difference of this machine from FF 6100-TR is the (GERMAN type) right sided front group which allows an efficient and flexible stitching of straight flap pockets and inside pockets for the production of men's and lady's jackets, coats, blazers, anoraks , trousers, jeans and chinos at a maximum quality level. It can sew at speeds up to 3,000 spm and is equipped with Windows based color graphic touch screen which makes it very easy for the operator to adjust the machine for perfect pocketwelts on every type of pocket weltwelding operation.

## 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
- **Panasonic** AC Servo Motor & Driver Controlled Clamp Unit
- **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 210 mm
- 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
- Double and single welt folders come standard
- 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.
- 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

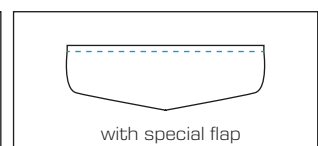
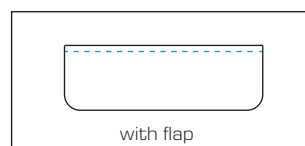
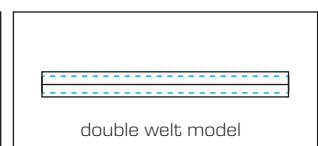
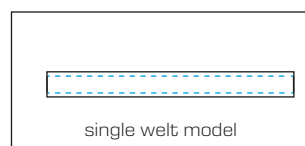
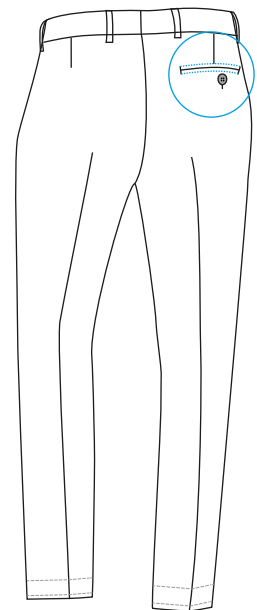
- Automatic tape feeder
- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Direct Connection Unit to Central Vacuum System
- Universal Stacker Unit
- Roll-off device for small Pieces
- Fabric stretching bar
- Sandwich Clamp Connection Unit
- Needle bite size: 6 mm, 8mm & 22 mm, 24 mm, 26 mm

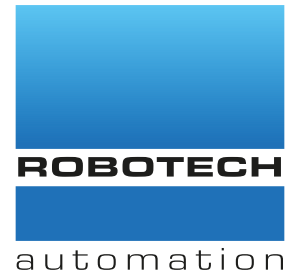
## TECHNICAL DETAILS

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  
 22 - 26 mm Optional  
 Connection Voltage: AC 230 V, 50/60 Hz  
 Air Pressure : 6 bar

## DIMENSIONS

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



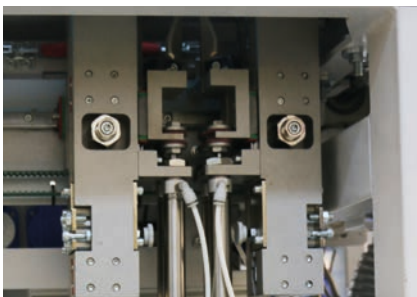


## FF 6200-PTO BREAST POCKET WELT AUTOMAT



### PERFORMANCE

1800-2200 pieces / 8 hours  
225 - 275 pieces / 1 hour



FF 6200-PTO is a dedicated sewing unit for slanted Breast Pockets on Men's Jackets ONLY! The PTO version is equipped with matching device for chequered or striped fabrics; with automatic adjustment of the corner knives as to the breast welt angles. The unit provides maximum speed and quality compared to manual stitching of the breast pockets.

## TECHNICAL SPECIFICATIONS

- Brother Model C series 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
- Panasonic AC Servo Motor & Driver Controlled Clamp Unit
- 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 (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
- 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 bite size 12mm standard

## OPTIONS

- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Direct Connection Unit to Central Vacuum System
- Universal Stacker Unit
- Needle bite size: 14 mm

## ADVANTAGES

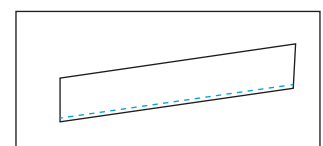
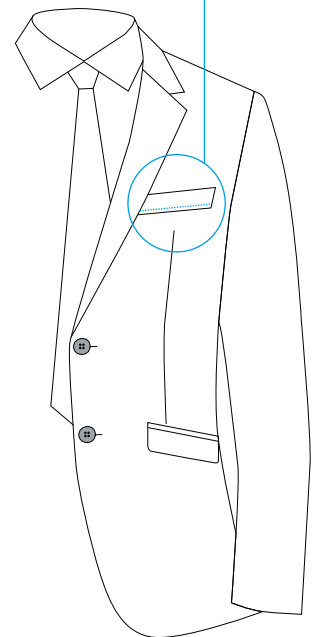
- Automatic loader for the Peto Flap to the sewing area
- Automatic loader for the Peto Flap Facing piece to the sewing area
- Matching the line on the Flap Piece to the lines on the body piece

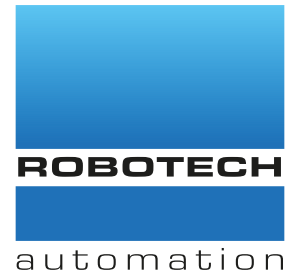
## TECHNICAL DETAILS

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

## DIMENSIONS

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



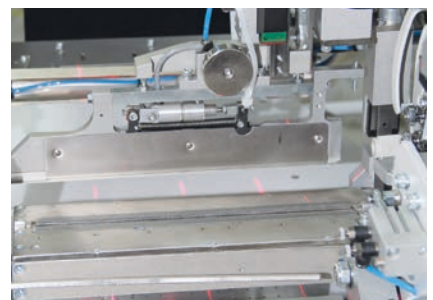
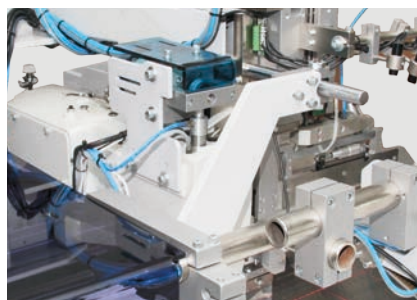


## FF 6200 RBT POCKET WELT ROBOT



### PERFORMANCE

2200-3000 welt pockets / 8 hours  
275 - 375 welt pockets / 1 hour

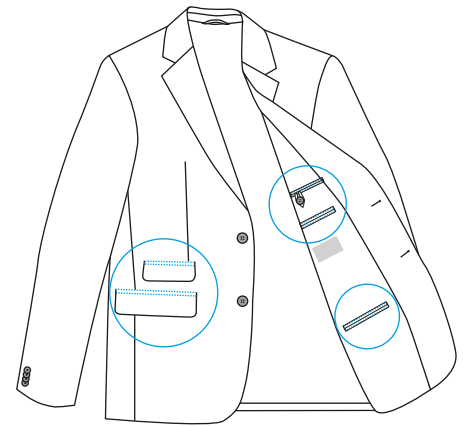




FF 6200-RBT version is an automated sewing unit for straight (and optionally slanted) welt pockets with the automatic feeding of breast welt pieces as standart and optionally automatic feeding of pocket facings and pockets bag. The second most important advantage of this robot is its cutting capability of the two edges of the welting 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
- Panasonic AC Servo Motor & Driver Controlled Clamp Unit
- 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
- 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 / W / H : 140 cm x 80 cm x 120 cm  
 Packing Size : 164 cm x 94 cm x 145 cm  
 Machine Net Weight : approx. 200 kg  
 Machine Gross Weight : approx. 240 kg

