



FF 6100-TR-AP2

ANGLE & STRAIGHT POCKETWELT AUTOMAT



Website



Youtube



PERFORMANCE

250 - 275 pieces angle pockets / 1 hour

275 - 300 pieces standard pockets / 1 hour

2000 - 2200 pieces angle pockets / 8 hours

2200 - 2400 pieces standard pockets / 8 hours



The FF 6100-TR-AP2 Lockstitch Pocketwelting Machine allows an efficient and flexible production of straight and TRUE slanted (angle) welt pockets, flap pockets for the production of men's and lady's jackets, coats, blazers, anoraks at a maximum quality level. The two independently driven needle bars can start and finish sewing offset by up to 5 mm by the use of a split needle sewing head. The AP model uses 3 sets of tab knives providing accurate corner cutting in all applications. The machine can automatically alternate between left and right side pockets or sew all the welts both inside and outside of a garment in sequence.

TECHNICAL SPECIFICATIONS

- Brother Model C series needle transport lock-stitch sewing head split needle bars
- PLC Control Unit
- Clamp Control Unit : AC Servo Motor & Drive
- Beijer Electronics with windows based color touch screen panel
- Easy to use Graphics on the Operator Panel with 50 Programming and Cycle Operation
- Sewing Head with AC Servo 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
- 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 sizes are available as 10 mm, 12 mm, 14 mm, 16 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 Unit to remove the panels from the machine to increase productivity
- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Connection Unit to Central Vacuum System
- Roll-off device for removing smaller / shorter pieces
- Fabric stretching bar for eliminating fabric fullness before clamping and sewing
- Sandwich Clamp for lightweight fabrics not to slip during sewing cycle
- Single welt folder
- Clamp Foot Set for Attaching Pre-Cut Zippers (for 14mm-16mm-18mm only)
- Special Order Needle bite sizes: 18mm & 20 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

