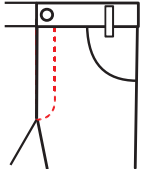


# DP-3500

## Automatic Short Seamer Unit for Darts and Waistband Pleats



The short seamer unit is used for automatic sewing of darts and waistband pleats. All seam types are sewn with a consistent quality and desired dimensions that are easily set from the touch screen display.



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Even inexperienced operators can create high quality and accurate dart seams and pleats by adjusting the desired length, depth and angle from the user friendly touch screen display. Different specifications of darts and pleats can easily be programmed on the 10 preset memories. The operator can cycle between 4 different dart and pleat sewing programs without having to change any gauge parts which makes the unit very flexible and productive.

High productivity can be achieved by overlapping working method where the operator can load the next fabric piece on the table while the machine is sewing the previous piece. Vacuum system enables easy placement of fabric panels on the unit. Additionally, an air blower unit is included in the presser foot to regulate the fabric while sewing. [3]

Laser light is included as standard for assisting the operator in placing the fabric to the correct position. A needle locking system [2] is used to clamp the fabric accurately. The clamping system adjusts automatically to fabric thickness therefore providing the net desired depth on a dart or pleat. For use on very fine fabrics, an alternative clamping device is developed so that the fabric is not pricked. Combination of a moving head and servo motors [1] improves the performance and quality of the sewing.

## Standard Features

- Brother 7200 Lockstitch Sewing Head
- PLC Control System with Touch Screen Display
- X-Y Control System with AC Servo Motor [4] and Step Motor [1]
- Top Thread Monitor [5]
- Automatic Thread Trimming at the End of the Seam
- Condensed Stitching and Backtacking at the Start and End of the Seam

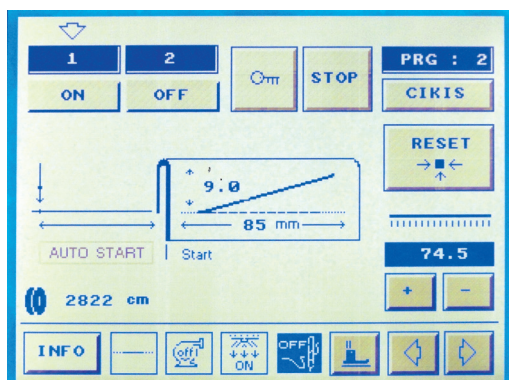
## Standard Accessories

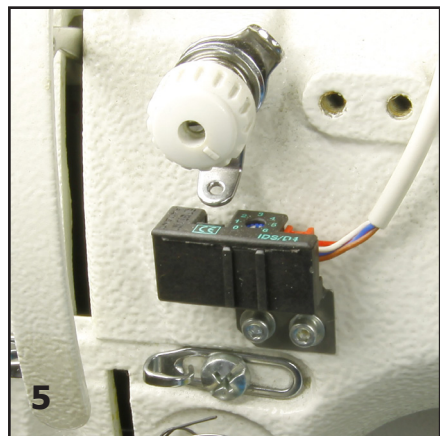
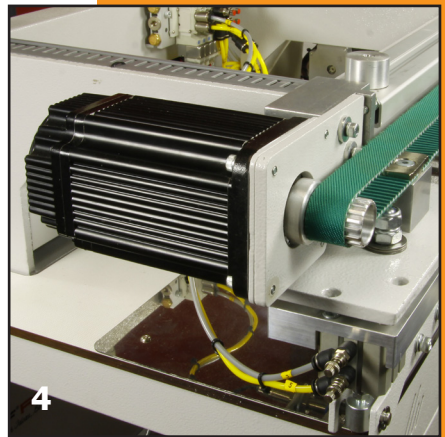
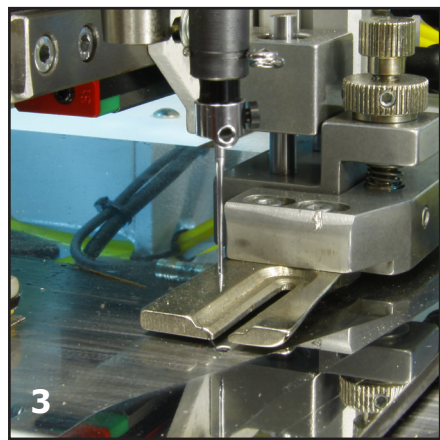
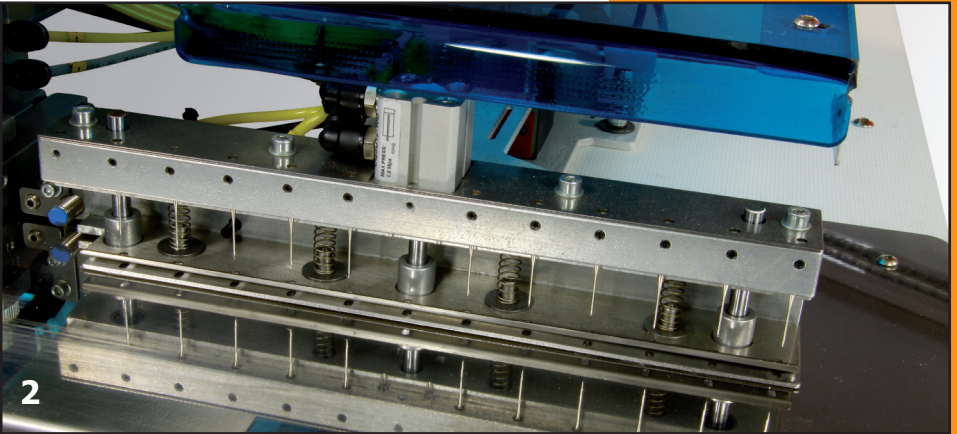
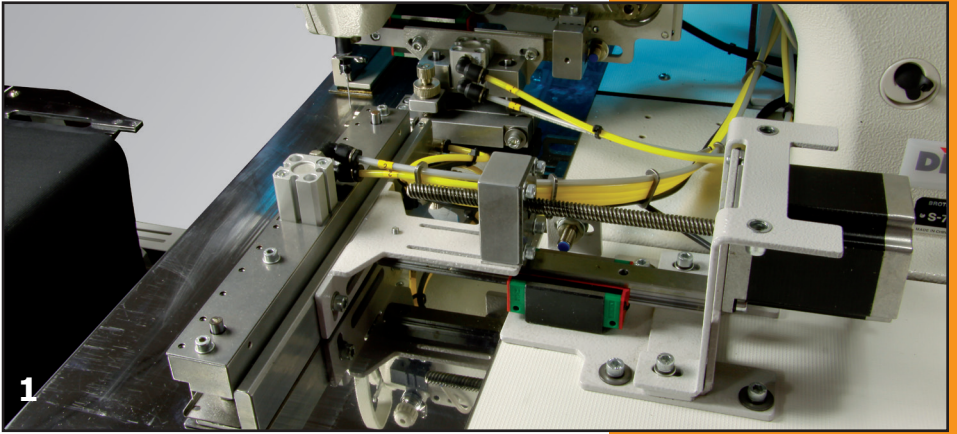
- Bundle Clamp Stacking System [6]
- Laser Light System
- Vacuum System

## Optional Accessories

- Conversion Clamp Kit 350 mm
- Vacuum Motor

## Touch Screen





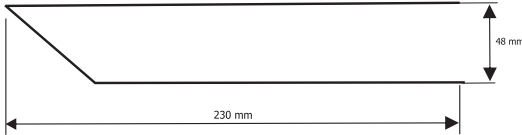
# Technical Specifications

|                     |                         |
|---------------------|-------------------------|
| Sewing Head         | Brother 7200 Lockstitch |
| Sewing Speed        | max 4,500 spm           |
| Maximum Seam Length | 230 mm (350mm Optional) |
| Stitch Length       | 0.5 - 6 mm              |
| Angle Adjustment    | up to 80 Degrees        |
| Memory              | 40                      |

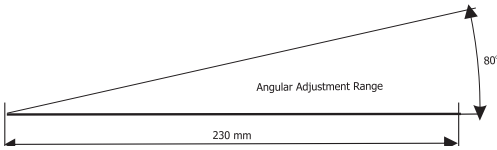
## Production Data

6,000 darts or 4,500 waistband pleats per 8 hours

Dart

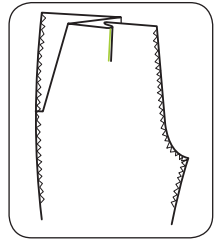
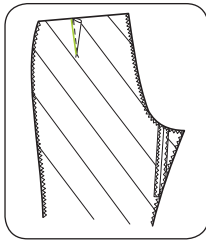


Waistband Pleat

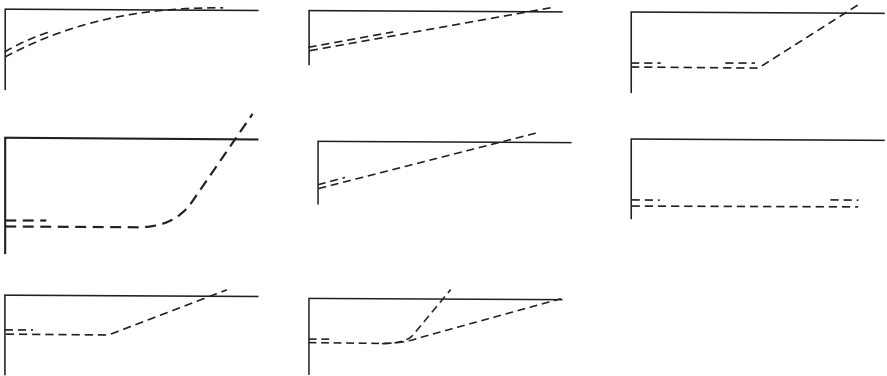


## Applications

Darts and waistband pleats on trousers, skirts, blouses, dresses etc.



## Shape Options



## Distributor

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