

BASS 5700

Sewing machine for clipping and sewing the fly pieces and pocket pieces

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Technical Specifications

Dimensions

Length1.600 mm
Width950 mm
Height1.300 mm

Table height

Manually adjustable from 850 mm to 1.150 mm

Weight

Basic equipment200 kg

Compressed air

Nominal pressure20 NI/6 bar

Power supply

Rated voltage220V/50/60 Hz
AC voltage220V/50/60 Hz
Power consumption0,7 kWh

Sewing System

Maximum sewing speed 4500 rpm
Stitch length0,5-5 mm
Needle system134
Needle size80-110 Nm

Examples of output

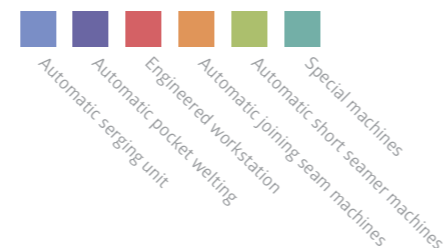
Up to 600 complete trousers (2 x fly pieces, 2 x pocket opening)

Basic equipment

- Lockstitch sewing head Brother 7200 with integrated DC positioning drive and motor controller,
- AC voltage 190-240 Volt, 50/60 Hz
- Electromagnetic thread cutter device
- Microprocessor controller freely programmable, with LCD display and graphical user interface (GUI)
- Folding and placing station (up to 318 mm fly piece length)
- Sensing the start and end of the sewing material smoothly and continuously by photocell
- Back tacking programmable for seam start and seam ending, as well as stitch condensation (optionally adjustable)
- Automatic cutting notches for the trouser part and the fly piece
- Vacuum device (for faster positioning of the sewing material) prepared for connection to the in-house vacuum system or vacuum pump
- Needle thread monitoring (bobbin thread monitoring as an option)
- Automatic blowing off of the parts at the end of the seam
- Height adjustable frame

Options:

- Supplementary transport clamp
- Movable ruler guide for sewing right side fly piece



Automatic serging unit
Automatic pocket weltting
Engineered workstation
Automatic joining seam machines
Automatic short seamer machines
Special machines



The BASS 5700 sewing machine is designed for small to medium size trouser production facilities. It can clip and sew the left fly piece and left pocket piece at the opening. The right fly piece can be stitched on with an additional add-on (Option).

Advantages

- Up to 600 complete trousers (2 x fly pieces, 2 x pocket opening)
- Flexible use for pocket opening and fly pieces
- Freely programmable controller
- Customised seam length programming
- Quick learning process
- High utilisation level of the seam length



Automated-Sewing-Systems AG

Am Beetacker 3 · 63856 Bessenbach
Fon: +49 6095 99233-0
Fax: +49 6095 99233-20
E-Mail: info@assag.de
Internet: www.assag.de

More than 6,000 sewing machines worldwide

Since the year 2000, we develop and produce automatic sewing systems for the HAKA and DOB production and market them all over the world. Among others, our range of products include automatic piping pocket, closing seam and serging units as well as engineered workstation

Ranging from the development and construction right up to installation and programming, we complete all work steps in our company in Germany. In this manner, we can ensure uniform and consistently high quality in all stages of production.

Our sewing systems provide functional and process-optimised solutions. We develop small quantities of special machines for specific customer requirements. We shall be pleased to prepare a unique offer even for you.

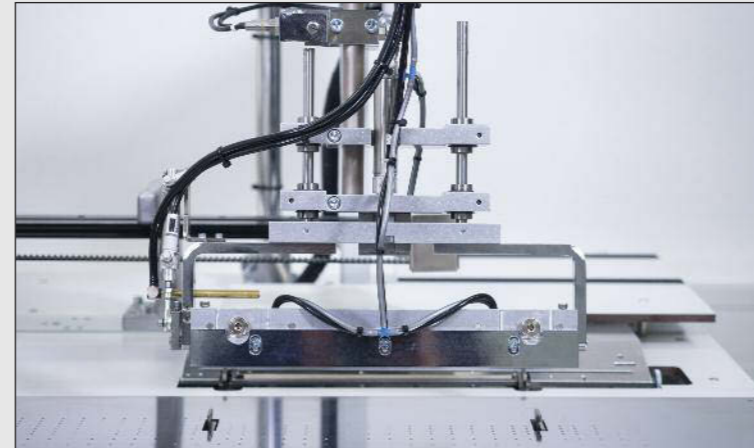


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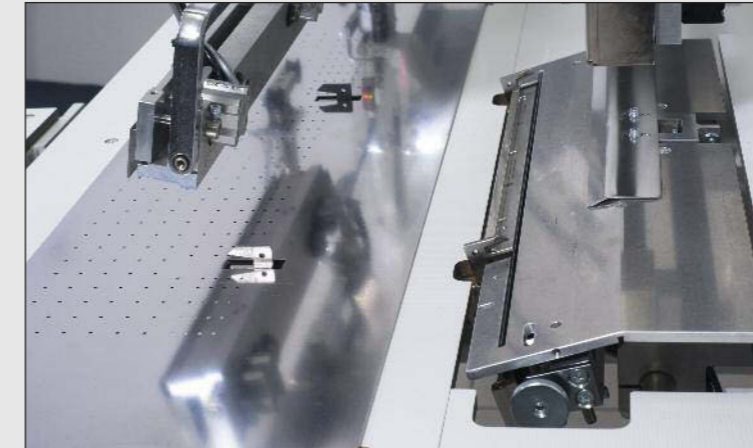
Sewing machine for clipping and sewing the fly pieces and pocket pieces



Easy administration and retrieval of the pre-programmed seams for diverse applications



Folder for holding and positioning pocket pieces and fly pieces

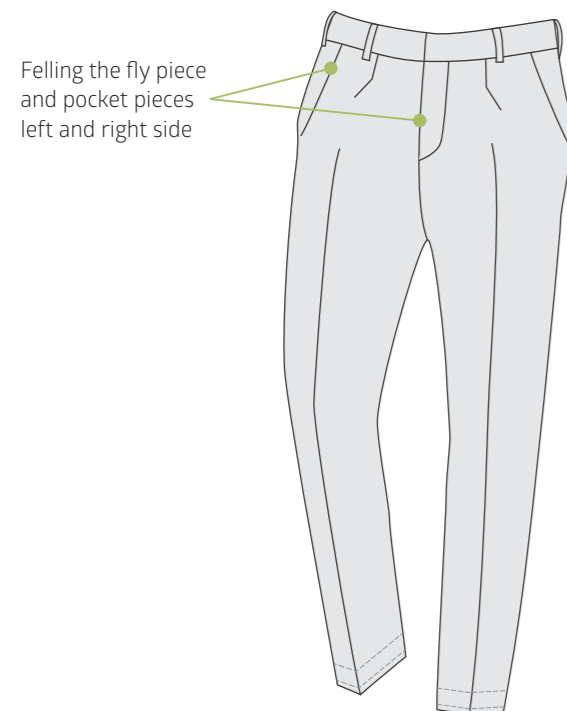


Pick-up station, folder and pneumatic scissors for cutting



Optional clamp with hold-down device

Sample seams



Felling the fly piece and pocket pieces left and right side

Pocket openings / wing pockets and the fly pieces can be felled with the BASS 5700 sewing system



Advantages

- ✓ Freely programmable controller
- ✓ Customised seam length programming
- ✓ Quick learning process
- ✓ High level of utilisation of the seam length even for small quantities
- ✓ Stitch condensation or back tacking is programmable
- ✓ Overlapping method of working possible
- ✓ Automatic seam length sensing with photocell
- ✓ Use for 2 different work steps

Production Process

Program pre-selection:

The pre-programmed seam is selected on the control panel.

Working steps:

Top-stitching the fly facing on the left side:
The front part of the trousers is fixed on the working table by the vacuum and the left fly piece is placed on the front part of the trouser by the pleating station after it is accepted. The transport device accepts the sewing material.

Top-stitch the pocket piece on the left and right sides:

The procedure is the same as that of the left fly piece.

Stitch on the right fly piece*:

After placing the front part of the trousers, the edge ruler tilts to the position of the zipper half. The zipper and fly facing are positioned and the transport device accepts the sewing material.

(*optional)

Work ergonomics:

The system can be operated as a workstation either in standing or sitting position. The height of the table can be adjusted to the body height of the operator.

Performance Profile

The BASS 5700 sewing machine is designed even for small to medium size trousers production facilities. Both pocket entries and the left side fly piece can be top-stitched on the front part of the trousers. Operation at the workstation is designed for a quick learning process. The machine functions are marked as graphical icons, and the associated function parameters are also displayed in the international language.