

BASS 5970

Sewing system for topstitching pre attached wingpockets

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Technical Specifications

Dimensions

Length1300 mm, with bundle clamp 1700 mm
Width1100 mm
Höhe1400 mm

TTable height

Manually adjustable from 850 mm to 1150 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
Maximum seam length300
Stitch length0,5-4,5 mm
Needle system134
Needle size80-110 Nm

Examples of output

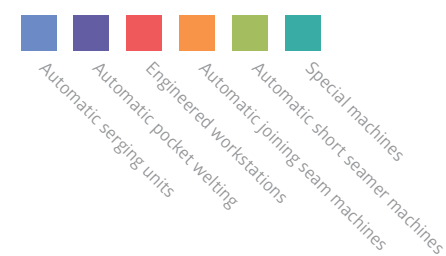
8 seams per minute

Basic equipment

- Lock stitch head Brother S7300 with integrated DC positioning drive and motor controller, AC voltage 190 V-240 V, 50/60 Hz
- Electromagnetic thread cutting device
- Micro-processor controller with LCD display
- Loading station with vacuum
- Main clamp drive by controlled stepper motor
- Blowing device to blow of the parts
- Needle thread monitor
- Manually adjustable frame height from 890 mm to 1250 mm

Options:

- Racktable for trouserpart
- Vacuum blower with silencer
- Bundleclamp with racktable
- Bobbin thread sensor
- Smooth out device



The BASS 5970 is a sewing machine for topstitching pre attached left and right wing pockets

Advantages

- Performance: 8 seams per minute
- Quick learning process
- Simple operation
- Freely programmable



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.

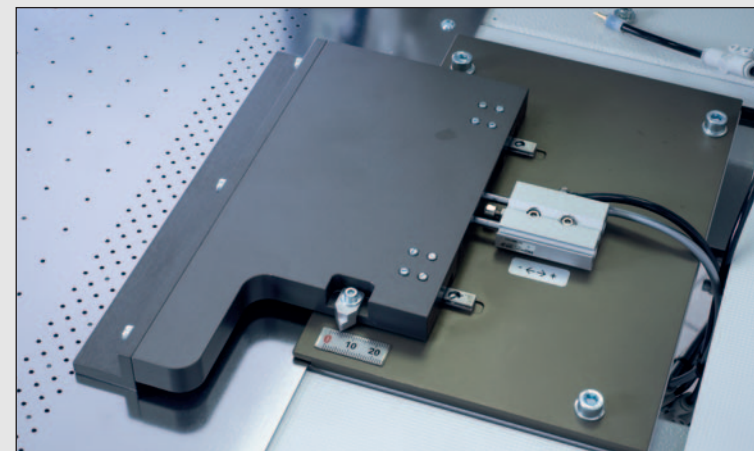


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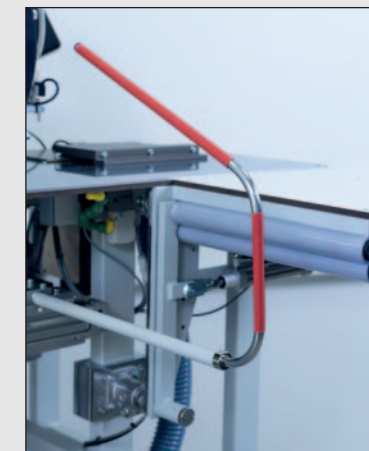
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Easy preparation and administration as well as retrieval of the saved programs



Loading station with integrate vacuum



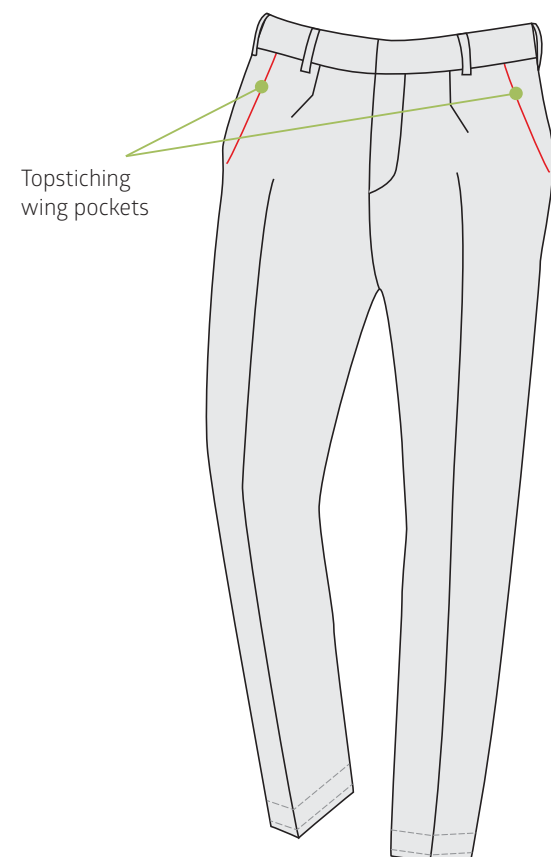
Options: smooth out device, bundle clamp and vacuum pump



Sewing head BROTHER S7300

Sample seams

An example of the use of the BASS 5970 are illustrated here.



Advantages

- ✓ Quick learning process
- ✓ Simple operation
- ✓ Freely programmable
- ✓ Back tacking or adjustable stitch condensation possible
- ✓ Display of the machine functions as graphical icons
- ✓ Customised programming of stitch length
- ✓ Automatic seam length sensing by photocell
- ✓ Simple adjustment of seam width

Production Process

Program pre-selection:

The programmed seam is selected on the control panel.

Working steps:

The trouser parts should be placed inside the bundle clamp. Next step positioning the trouser to the edge guide and active the vacuum with foot pedal. After start signal main clamps move forward take the trouser move to the sewing area and stitch the seam.

The operator can prepare the next sewing part just after the sewing part has been taken by the transport device and this work in an overlapping and efficient manner.

Automatic sewing process:

The sewing parts are taken from the transport clamp and moved to the needle. Then sewing starts. After completion of the sewing operation, the sewn part is blown off.

Work ergonomics:

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

Performance Profile

The use of the BASS 5970 ensures enormous savings in time with respect to productivity by the completely overlapping working method as well as consistent sewing results with various materials.