

# BASS 5600

Sewing system for stitching wing pockets

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## Technical Specifications

### Dimensions

Length/with bundle clamp .....1.600 mm  
Width.....950 mm  
Height .....1.300 mm

### Table height

Manually adjustable from ..... 890 mm to 1.150 mm

### Weight

Basic equipment .....270 kg

### Compressed air

Nominal pressure .....20 NI/6 bar

### Power supply

Rated voltage .....220V/50/60 Hz  
AC voltage .....220V/50/60 Hz  
Power consumption .....0,7 kWh

## Sewing System

Maximum sewing speed ..... 4500 rpm  
Stitch length.....0,5-5 mm  
Needle system.....134R  
Needle size.....80-110 Nm

## Examples of output

Up to 2000 wing pockets in 8 hours

## Basic equipment

- Lock stitch sewing head Brother with direct drive and motor controller, AC voltage 190-240V, 50/60Hz, with integrated thread cutter
- AC voltage 190-240 Volt, 50-60 Hz
- Electromagnetic thread cutter
- Micro-processor controller freely programmable, with LCD display and graphical user interface (GUI)
- Main clamp drive by controlled stepper motor
- Sensing the start and/or end of the sewing material with the help of a photocell
- Back tacking programmable on seamstart and seam end, as well as stitch condensation
- Needle thread monitor (bobbin thread sensor optional)
- Height-adjustable frame
- Laser for positioning the sewing material
- Folding station
- Blow-off device
- Pre laying table



With the BASS 5600 sewing system, you can sew wing pockets up to a length of 250 mm and with different stitching widths. The sewing system achieves maximum possible efficiency both by overlapping working method as well as by consistent sewing results with different materials.

## Advantages

- Up to 2000 wing pockets in 8 hours
- Quick learning process
- Simple operation



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### 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.



# BASS 5600

## Sewing system for stitching wing pockets



Easy administration and retrieval of the pre-programmed seams and seam widths



With the help of the model-specific markings, the sewing material can be positioned accurately for the subsequent sewing process



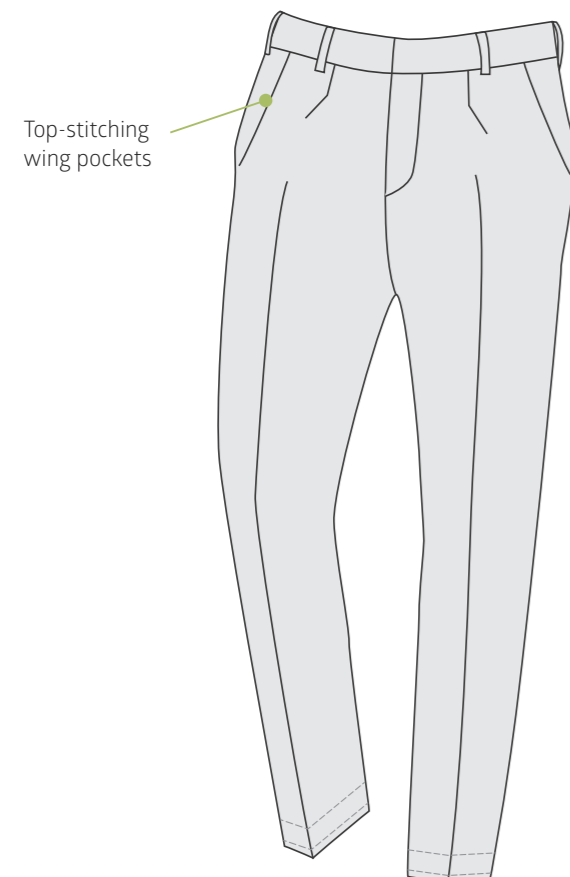
Photocells for detecting the start and end of the seam



The top-stitch widths are adjusted mechanically

### Sample seams

A few examples of sewing with different seam widths are illustrated here



### Advantages

- ✓ Quick learning process
- ✓ Individual stitch length programming
- ✓ Simple operation
- ✓ Seam locking or adjustable stitch condensation available as options
- ✓ 4 seam widths to choose from
- ✓ Automatic cutting and folding of the sewing material
- ✓ Freely programmable controller
- ✓ Overlapping working method

### Production Process

#### Program pre-selection:

The pre-programmed seam is selected on the control panel. The top-stitch widths are preselected mechanically.

#### Working steps:

The sewing material is placed on the pre laying table. Next, scissors cuts the material and folds it. After acceptance by the transport device, the sewing material is brought to the stitching position, stitched and then blown off out of the machine by a special device.

#### Work ergonomics:

The system must 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 5600 ensures an enormous gain in productivity. Completely overlapping working method as well as consistent sewing results with different materials ensure the maximum possible effectiveness. You can adjust up to 4 different top-stitch widths. Operation at the workstation is designed for quick learning process.

The machine functions are marked as graphical icons – the associated function parameters are displayed additionally in the national language configured.

Processing wing pockets up to a length of 250 mm