

BASS 3204B

Sewing system for
welted breast pockets

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Technical Specifications

Dimensions

Length1650 mm
Width/ with stacker800 mm/1170 mm
Height1300 mm

Table height

Manually adjustable from 850 mm to 1.150 mm

Weight

Basic equipment200 kg
Basic equipment with stacker220 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

Brother 2-needle head B-842 with fixed needle bar
Brother 2-needle head B-845 with split needle bar
needle barmax. 3000 stitches/min.
Stitch length0.5-3mm
Needle system2134-85
Needle size90-100

Examples of output

High operating speed: up to 1200 pockets in 8 hours

*depending on the type and shape of the border and enclosed sections

Basic equipment

- Brother 2-needle double stitch sewing head B-8452 with divided needle bar
- Direct drive
- Micro-processor controller with LCD display and memory chip for data backup
- Main clamp drive by controlled stepper motor with automatic length adjustment from 20-150 mm.
- Quick adjustment for corner cutter
- Adjustment range in 10 mm/ 0.1 mm steps
- Corner cutter holder with adjustable cutting width
- Programmable lowering of the transport clamp
- Programmable start and end back tacking or optionally adjustable stitch condensation
- Clamp push-back blocking
- Needle distance 10 mm
- Needle and bobbin thread sensor
- Thread cutter device



The BASS 3204B is an automatic pocket sewing machine specially engineered for sewing in welted breast pockets. Simple operation and high operating speed characterise this universal automatic pocket sewing machine.

Advantages

High operating speed:
up to 1200 pockets in 8 hours

Simple operation and quick learning process

High degree of automation

*depending on the type and shape of the border and enclosed sections



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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.



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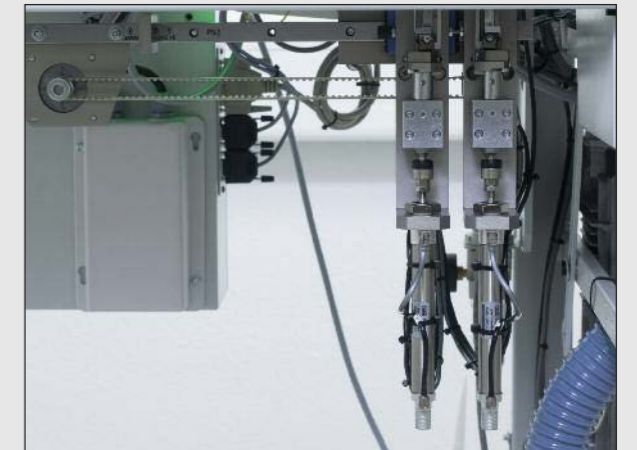
Easy preparation and administration as well as retrieval of the saved programs



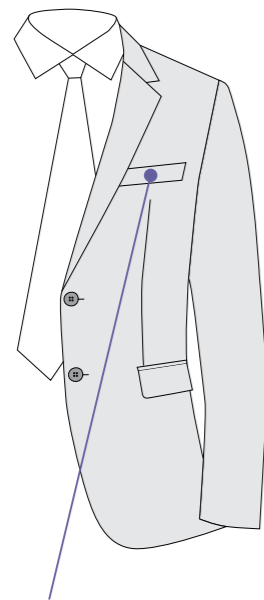
The swivel-out folding station enables easy access for set-up and service work



Accurate positioning by eight position lamps



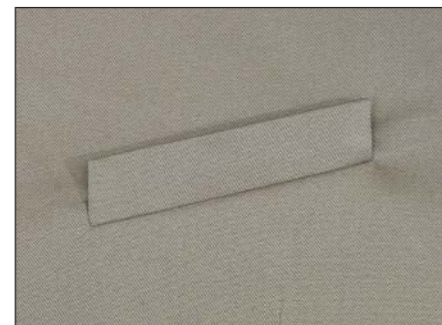
Cutter block with stepper motor drive



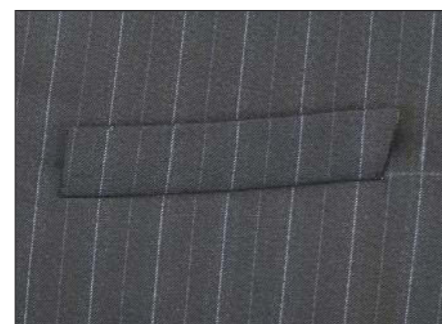
Sewing welted breast pocket in a sports jacket or blazer

Sample seams

A few examples of the use of the BASS 3204 B are illustrated here.



1 Breast strip in single colour top material



2 Breast strip in striped top material

Advantages

- ✓ Simple operation
- ✓ Quick learning process
- ✓ Easily programmable
- ✓ Freely programmable controller with memory for 40 seams
- ✓ Customised setting for sewing and transport speed
- ✓ Customised programming possible for stitch length, backtacking or condensed stitching.
- ✓ Independent stepper motor drives for transport clamp and all cutting systems
- ✓ Automatic welt sensing

Production Process

Program pre-selection:

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

Manual working steps:

First, the sewing parts are placed in position. The welt and enclosed sections are kept ready on the laying table and fed manually.

Automatic sewing process:

The pocket opening is sewn completely automatically in one sewing operation and cut. Next, the ready-made sewn parts is placed by the stacker for further processing.

Work ergonomics

The swivel-out folding station enables easy access for set-up and service work

Performance Profile

The BASS 3204 B is an automatic machine for all prevalent welted breast pockets. It is impressive with its high operating speed. The clamp transport and all cutter systems of the sewing machine have their own separate drive: The clamp transport is controlled fully automatically by a stepper motor and the centre cutter is driven by a separate electric motor.