

BASS 3050

Sewing system for
pocket openings

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Technical Specifications

Dimensions

Length1650 mm
Width800 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

Maximum sewing speed 3000 rpm
Stitch length0,5-3,0 mm
Needle system2134 - 85
Needle size90-100 Nm
Needle distances (2 mm steps)8-24 mm for selection
(6,4 mm; 26-32 mm available against extra charge)

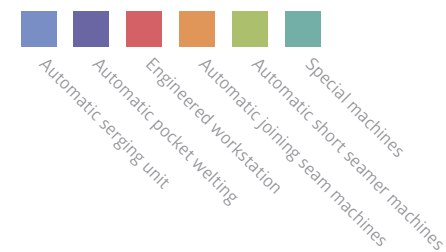
Examples of output

Up to 2400* welted pockets in 8 hours

* Depending on the shape of the pocket and number of additional parts (pocket pouches, welts, flaps, facings)

Basic equipment

- Brother two-needle lockstitch sewing head B-8422 with fixed needle bar
- Pivotal sewing head
- Direct drive DC motor
- AC voltage 190 V-240 V, 50/60 Hz
- Micro-processor controller with LCD display and memory chip for data backup
- Main clamp drive by controlled stepper motor with automatic length adjustment from 20-200 mm (optionally 240 mm),
- Quick adjustment for corner cutter
- Adjustment range in 10mm/ 0.1 mm steps
- Lateral corner cutter adjustment with a cam
- Corner cutter holder with adjustable cutting width
- Programmable lowering of the transport clamp
- Programmable start and end back tack or optionally adjustable stitch condensing-
- Double welt unit
- Needle and bobbin thread sensor
- Thread cutter device



The BASS 3050 is a sewing system that can process all prevalent straight pocket openings with or without flaps.

Simple operation and high working speed characterise this universal automatic welted pocket machine.

Advantages

- Up to 2400* welted pockets in 8 hours
- Simple operation – Quick learning process
- High degree of automation
- High operating speed

* Depending on the shape of the pocket and number of additional parts (pocket pouches, welts, flaps, facings)



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



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

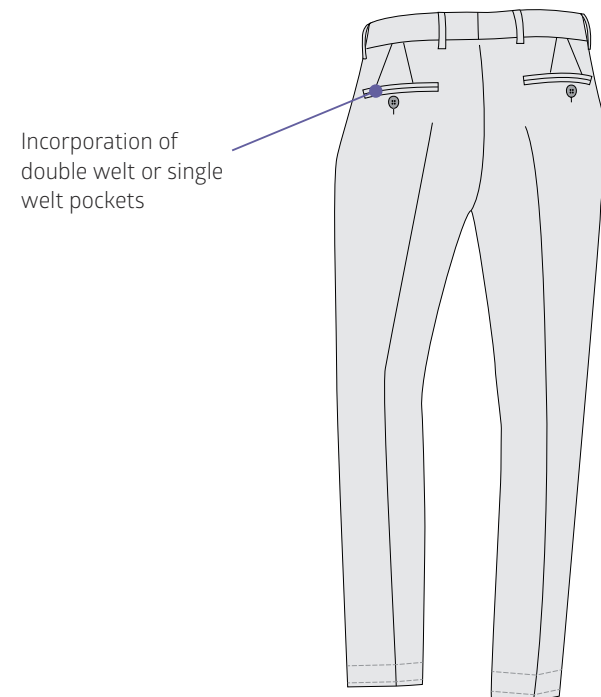


Laser markings for accurate and clear positioning



The ready-made parts are stacked automatically

Sample seams



All straight double or single welt pockets, with or without flaps can be processed.



1 Double welt pocket



2 Double welt pocket with flap



3 Single welt pocket

Advantages

- ✓ Simple operation
- ✓ Quick learning process
- ✓ Quick changeover from double welting to single welting
- ✓ Customised setting for stitching and transport speed
- ✓ Automatic sensing of flap length
- ✓ Independent drives for clamp transport as well as all cutting systems
- ✓ Easily programmable
- ✓ Needle distances can be retrofitted from 8 mm–24 mm, in steps of 2 mm
- ✓ Cutter adjustment for corner cutter position in steps of 0.1 mm

Production Process

Program pre-selection:

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

Manual working steps:

Weltings, flaps and additional parts are kept on tray table and fed manually.

Automatic sewing process:

The pocket opening gets sewn and cut fully automatic in one pass. Next, the ready-made sewn 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 3050 is a universal automatic welt pocket sewing machine. The machine processes all prevalent pocket openings with and without flaps.

The BASS 3050 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.