

BASS 3204

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

Brother 2-needle head B-842 with fixed needle bar
Brother 2-needle head B-845 with disengageable
needle barmax. 3000 stitches/min.
Stitch length0.5-3mm
Needle system2134-85
Needle size90-100 Nm
Needle distances (2 mm steps)8-24 mm for selection
(6,4mm; 26-32 mm gegen Aufpreis)

Examples of output

2000-2400 welted pockets in 8 hours

Basic equipment

- Two needle lockstitch sewing head
- 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 20-200 mm, optionally 240 mm
- Quick adjustment for corner cutter
- Adjustment range in 10 mm/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 backtack or optionally adjustable stitch condensing
- Double welt unit clamp push-back blocking
- Needle and bobbin thread sensor
- Thread cutter device

Options:

- Bundle clamp or stacker
- Device for slanted openings
- Vacuum device
- Stepper motor controlled fleece guide
- Head with split needle bar B-8452



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.



The BASS 3204 is a universal automatic welted pocket sewing machine. The sewing machine processes all prevalent pocket openings with and without flaps. The incorporation of a zipper can be integrated easily into the sewing operation. Even welted breast pockets can be incorporated with the appropriate options.

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

Advantages

- High operating speed: 4-5 pockets per minute
- Numerous options are selectable
- Simple operation – Quick learning process
- High degree of automation



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



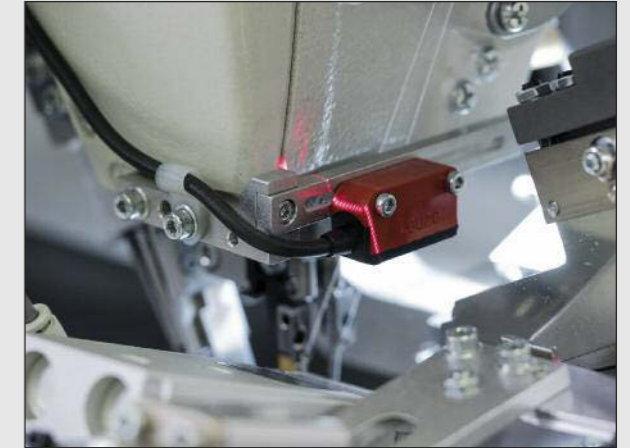
Easy access for service and set-up work



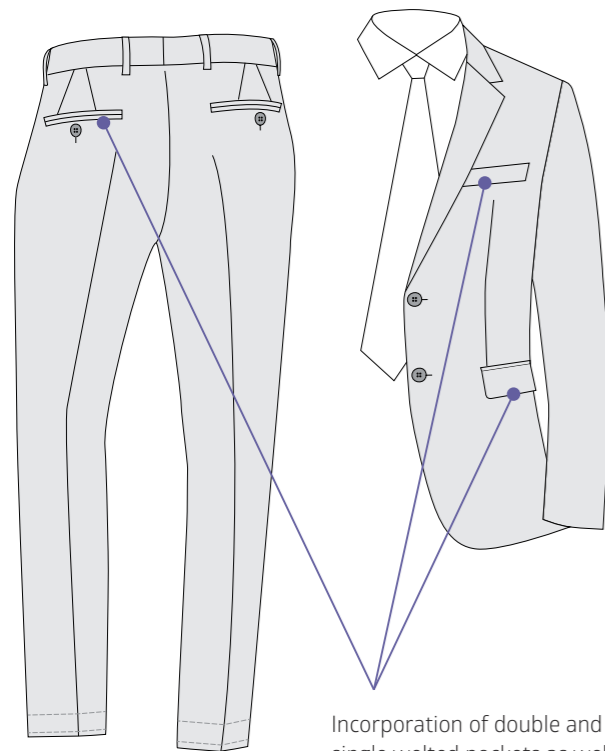
Accurate positioning with the help of the 5 position lamps



Quick and accurate de-stacking with the 201/6 stacker



Flap sensing by photocell



Incorporation of double and single welted pockets as well as welted breast pockets

Sample seams

A few examples of the use of the BASS 3204 for sports jacket, blazer and trousers are illustrated here.



Advantages

- ✓ Quick learning process
- ✓ Numerous options for special applications
- ✓ Quick changeover from double piping to single piping
- ✓ Freely programmable controller with memory for 40 seams
- ✓ Customised setting for stitching and transport speed
- ✓ Customised programming possible for stitch length, seam locking or adjustable stitch length
- ✓ Independent drives for clamp transport as well as all cutter systems
- ✓ Pocket opening lengths from 20-200 (optional 240 mm)
- ✓ 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
- ✓ Automatic clamp adjustment when folder is changed
- ✓ Automatic seam length adjustment

Production Process

Program pre-selection:

The pre-programmed seam is selected on the control panel. Laser markings ensure position of the sewing parts.

Manual working steps:

First, the sewing parts are placed in position. The welting, flaps and enclosed parts 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. Optional chosen stacker is placing the sewing piece for further processing.

Work ergonomics

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

Performance Profile

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Matériel industriel & Fournitures pour le Textile & le Cuir
2 avenue de La Tessoualle - BP71212
49312 CHOLET CEDEX FRANCE

Accueil 02 41 65 85 32 / contact@maugin-sas.com
Pièces détachées 02 41 65 08 08 / www.maugin-parts.com