

Technical Specifications

Dimensions

Length.....	1700 mm
Width.....	900 mm
Height	1700 mm

Table height

Manually adjustable from	890 mm to 1.250 mm
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Weight

Basic equipment.....	125 kg
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Compressed air

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

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

Sewing System

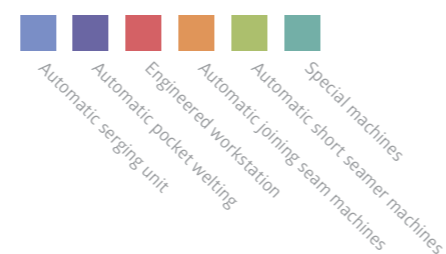
Maximum sewing speed	7500 rpm
Stitch length.....	1,0–3,8 mm
Differential (Pegasus EX5204)/ 0.7–6.0 mm.....	Sewing widths from 4–8 mm
Differential (Pegasus EX 5204-24445) / 0.7–6 mm.....	Sewing width 9 mm (Jeans)
Needle system.....	B 27
Needle size.....	80–110 Nm

Examples of output

Serging the front and back parts of trousers (8 seams per trouser): 600 pairs in 8 hours
 Serging fronts of trousers with curved slits and seam (8 seams per trouser): 560 in 8 hours
 Serging the backs of trousers with curved hips and seam (8 seams per trouser): 560 in 8 hours

Basic equipment

- Pegasus EX5204, 3-thread
- Standard sewing width 6 mm
- Drive Efka DC,
- AC voltage 220 V, 50/60 Hz
- Control panel MT 800 with micro-processor control for 20 freely programmable seams as well as a memory chip for data backup
- Adjustable height contour guide with roller lifting
- Automatic chain cutting
- Dirt extraction with waste container
- Stacking device
- Height-adjustable frame



The BASS 2020 is a versatile single head serging machine for processing trouser parts without knee lining as well as skirt parts and small pieces. It combines speed with good sewing quality.

Advantages

- Serging up to 600 trousers per day with 8 long seams
- Simple selection of the sewing programs
- Flexible combinations of manual and automated seams
- Contour guide working with absolute reliability



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.

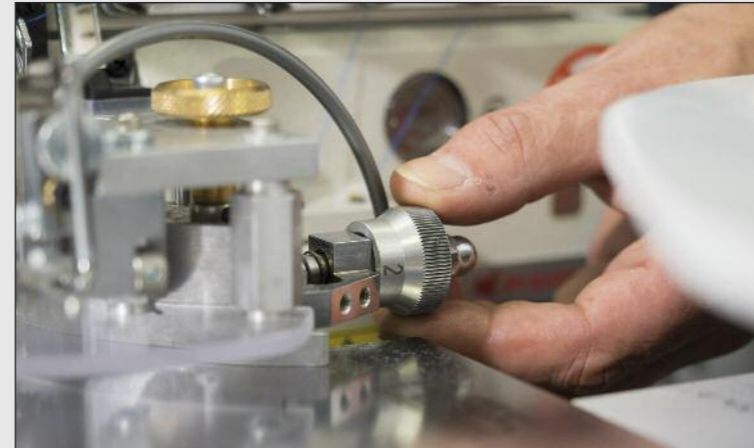


BASS 2020

Single head serging machine
for serging skirts, trousers and
small pieces



Easy programming and administration as well as retrieval of the saved sewing programs



With the quick adjustment, the contour guide is adjusted to the sewing material



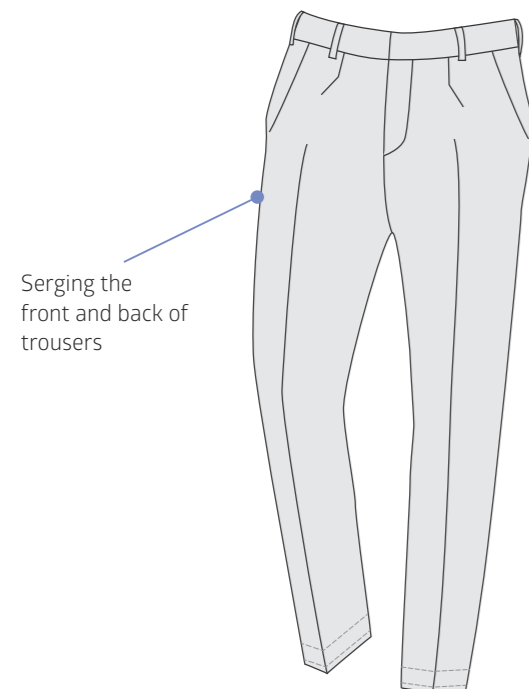
The optimal unit for sewing work: Contour guide, photocell and sewing head.



The exact and fast working stacker unit deposits the sewing parts for further processing.

Sample seams

The sewing widths can be selected. We offer 4mm, 5mm or 6mm for the standard sewing head, with other widths on request.



Advantages

- ✓ Simple selection of the sewing programs
- ✓ Contour guide working with absolute reliability
- ✓ Powerful sewing head for high sewing speeds
- ✓ Automatic discharge with subsequent de-stacking of the sewing material
- ✓ Overlapping working is possible

Production Process

The preliminary seams:

Seam, fly and hip bends can be sewn manually on the sewing head.

Program pre-selection:

Preliminary and main seams are selected on the control panel. With the quick adjustment, the contour guide is adjusted to the material..

Automatic sewing process:

The sewing part is placed on the contour guide and the sewing operation starts automatically via photocell. Immediately after starting the sewing operation, the next sewing part can be placed.

The sewn part is discharged from the working table and is stacked automatically by the stacking unit.

Work ergonomics:

The height of the table can be adjusted to the body height of the operator.

Performance Profile

The BASS 2020 is a compact single-head sewing machine for rational serging of skirt and trouser parts without knee lining as well as small parts.

The crotch and side seams are trimmed in an automatic sewing operation. In the process, the sewing parts are guided independently by the contour guide providing secure seams to the sewing machine and processed there, discharged and stacked.