

# EWS 6410

Sewing machine for processing closing center back seams on jacket

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## Technical Specifications

### Dimensions

Length/with bundle clamp .....2100 mm  
 Width/with stacker .....900 mm  
 Height .....1700 mm

### Table height

Manually adjustable from ..... 890 mm to 1250 mm

### Weight

Basic equipment .....150 kg

### Compressed air

Nominal pressure .....20 NL/6 bar

### Power supply

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

## Sewing System

Maximum sewing speed ..... 6000 spm  
 Stitch length .....1,0-3,8 mm  
 Differential .....0,7-0,6 mm  
 Obertransport .....1,0-0,6 mm  
 Nahtbreite .....6 mm  
 Stichtyp .....401  
 Needle system .....B 27  
 Needle size .....80-110 Nm

## Examples of output

Daily output (8 hours) Seams (depending on the use an seam length) approx. 2400

## Basic equipment

- Sewing head: Pegasus EXT 3216-03/233-K 5x6-KH-Y-1091
- Automatic sensor scanning of beginning and end of the seam
- Contour guide unit with quick adjustment
- Freely programmable microprocessor control unit with control panel
- Efka direct drive AB 286, alternating voltage 220 V, 50-60 Hz
- Distribution of fullness with stepping motor-controlled top feed and differential adjustment
- Adjustable stand (manual adjustment from 89 - 125 cm)
- Automatic chain cutter with waste extraction and waste container
- Roller
- Flat-type stacker
- Puller Device
- Seam widths 9, 10, 11, 12 mm



The sewing machine EWS 6410 is an efficient solution for closing center back seams on jackets.

## Advantages

- Freely programmable controller
- Quick learning process
- Easy retrieval of the sewing programs



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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.

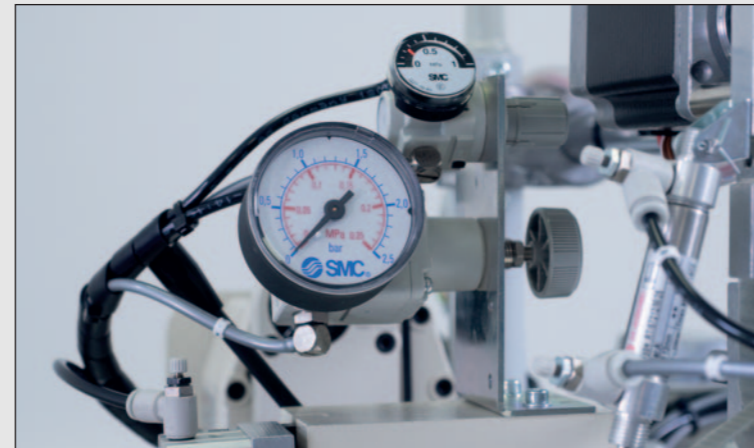


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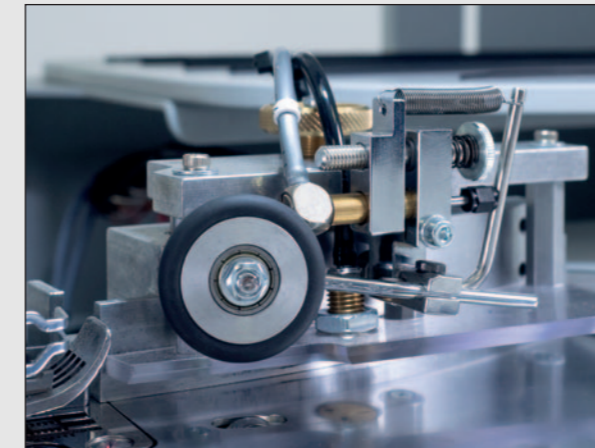
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Easy preparation and administration as well as retrieval of the saved programs



Foot pressure device



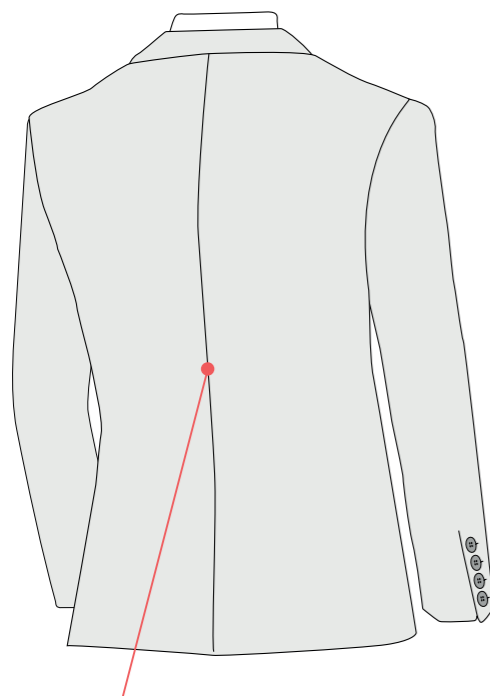
Contourguide



Puller device

## Sample seams

Condensing stitcher with additional tension



Closing center back seams on jackets



## Advantages

- ✓ Freely programmable control unit
- ✓ Individuell stitch length programming
- ✓ Optional programming of condensed stitches
- ✓ Automatic sensor-controlled seam length scanning
- ✓ Automatic chain cutter
- ✓ Roller and stacking unit
- ✓ Stepping motor-controlled top feed adjustment
- ✓ Differential adjustment with stepping motor
- ✓ High Quality performance
- ✓ Less skill from operator

## Production Process

The use of the EWS 6410 guarantees an enormous increase in productivity. The fully overlapped work method and the uniform sewing results on different materials are the outstanding features of this workplace.

### Program selection and adjustment:

The pre-programmed seam is selected on the control panel and can be called up again and again. The seam program and the widths for differential and top feed are also set on the control panel. The fabric clearance on the contour guide can be set with the aid of a quick adjustment device.

### Automatic sewing process:

Both parts are moved from the rack to the table top and moved to the needle identically. At the end of the seam the roller moves the workpiece to the stacker.

## Performance Profile

The EWS 6410 is an efficient and simple solution for sewing closing center back seams on jackets. The beginning and end of the seam are controlled by photocell sensing.