

# EWS 6300

Sewing machine for processing closing seams

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## Technical Specifications

### Dimensions

Length .....1300 mm  
Width/with stacker .....800 mm/1400 mm  
Height .....1500 mm

### Table height

Manually adjustable from ..... 850 mm to 1150 mm

### Weight

Basic equipment .....130 kg

### Compressed air

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

### Power supply

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

## Sewing System

Maximum sewing speed ..... 6000 rpm  
Stitch length .....1,0–3,8 mm  
Differential .....0,7–6,0 mm  
Obertransport .....1,0–6,0 mm  
Nahtbreite .....0,9–12 mm  
Needle system .....B 27  
Needle size .....80–110 Nm

## Examples of output

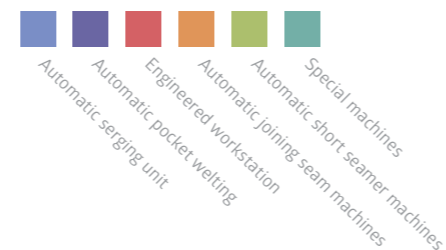
Up to 450 trouser, inside and side seams in 8 hours

## Basic equipment

- Sewing head: Pegasus EXT3216-03/233-K 5x6-KH-021-H
- Efka direct drive AB 286
- AC voltage 190 V-240 V, 50/60 Hz
- Micro-processor controller with LCD display and memory chip for data backup
- Adjustable height contour guide unit that can be moved perpendicular to the sewing direction
- Interface for pneumatic stacker connection
- Individually adjustable stepper motors for multi-width distribution
- Automatic thread cutter
- Machine frame of adjustable height
- Stepper motor control for differential and top transport
- Automatic chain separation
- Dirt extraction with collection container

### Optionen:

- Sewing head for jeans material: Pegasus EXT3216-04/435-K 5x6-KH-021-H
- Sewing head for medium-heavy material: Pegasus EXT3244-03/333-K 5x2x4-KH-021-B
- You may enquire about individual sewing kits with various seam widths from us or your authorized Pegasus dealer.



The EWS 6300 sewing machine is a compact and semi-automatic machine for closing seams, side or inside seams in trousers. However, even closing seams for sports jackets, skirts or sleeves can be handled with the EWS 6300.

## Advantages

- Up to 450 trousers, crotch and side seams in 8 hours
- Freely programmable controller
- Easy retrieval of the sewing programs
- Multi-width adjustment via program control



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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.

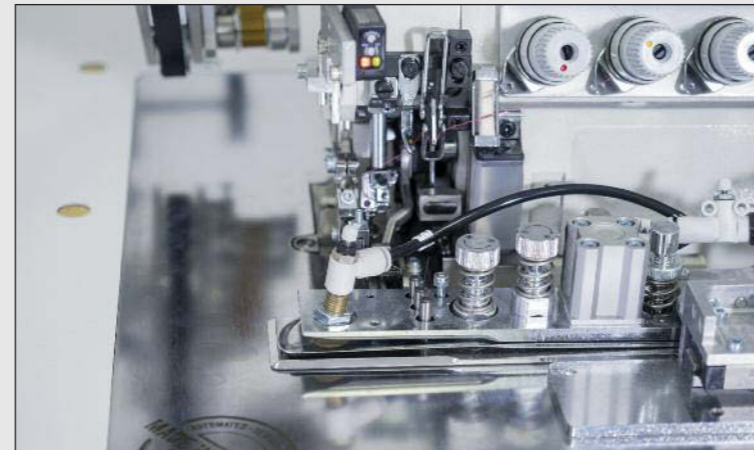


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## Sewing machine for processing closing seams



Easy administration and retrieval of the programmed seams via the program controller



The accurately adjustable contour guide ensures consistent seam widths over the entire length of the seam



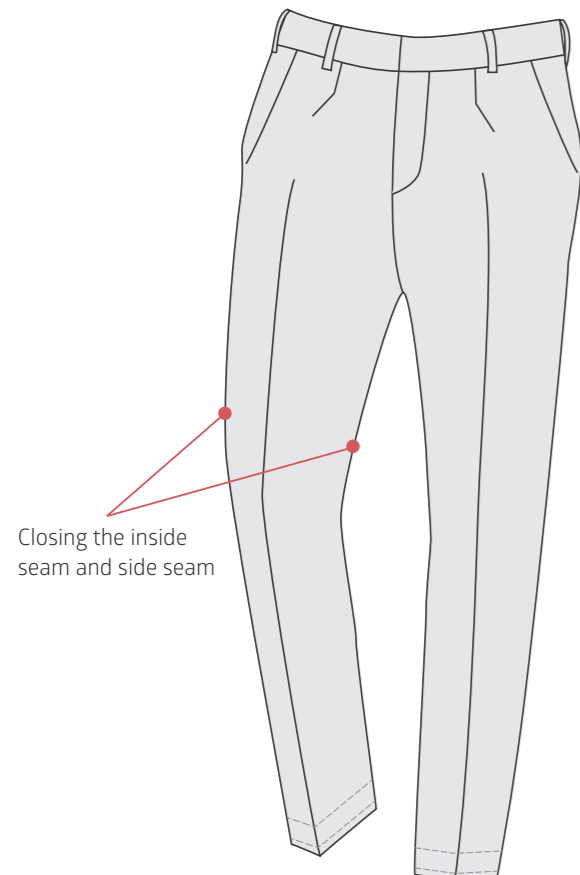
Multi-width adjustment via stepper motor



Fully automatic de-stacking device

### Sample seams

An example of usage options of the EWS 6300, closing the side seam and inside seam for trousers.



### Advantages

- ✓ Freely programmable controller
- ✓ Quick learning process
- ✓ Easy retrieval of the sewing programs
- ✓ Multi-width adjustment via program control
- ✓ Simple operation
- ✓ Automatic chain separation

### Production Process

#### Program pre-selection:

The programmed seam is selected on the control panel.

#### Manual working steps:

The contour guide is adjusted to the sewing material. Sewing routes, e.g. sharp hip bends or side and slanted pocket seams are guided manually. Next, the contour guide that can be moved laterally, is moved in.

#### Automatic sewing process:

The residual seam is sewn automatic and the chain is automatically separated. Next, the finished sewn section is stacked on the stacker (Type 201/6) for further processing.

#### Work ergonomics:

The system can be operated as a workstation either in standing or sitting position. The height of the table can be adjusted to the body height of the operator.

### Performance Profile

The EWS 6300 sewing machine is a compact and semi-automatic machine for closure of seams. The powerful sewing equipment processes side or inside seams on sports jackets, skirts or sleeves.

You can use a safety seam, double chain seam or overlock seam as seam/stitch type.

The beginning and end of the seam are controlled by photocell sensing. An accurately adjustable contour guide ensures consistent seam widths over the entire length of the seam.

The multi-width distribution can be adjusted partially by seam programming.

The practically proven switching device enables smooth changeover from manual sewing, e.g. with sharp hip curves and automatic execution of the rest.