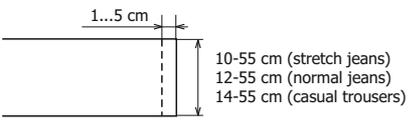
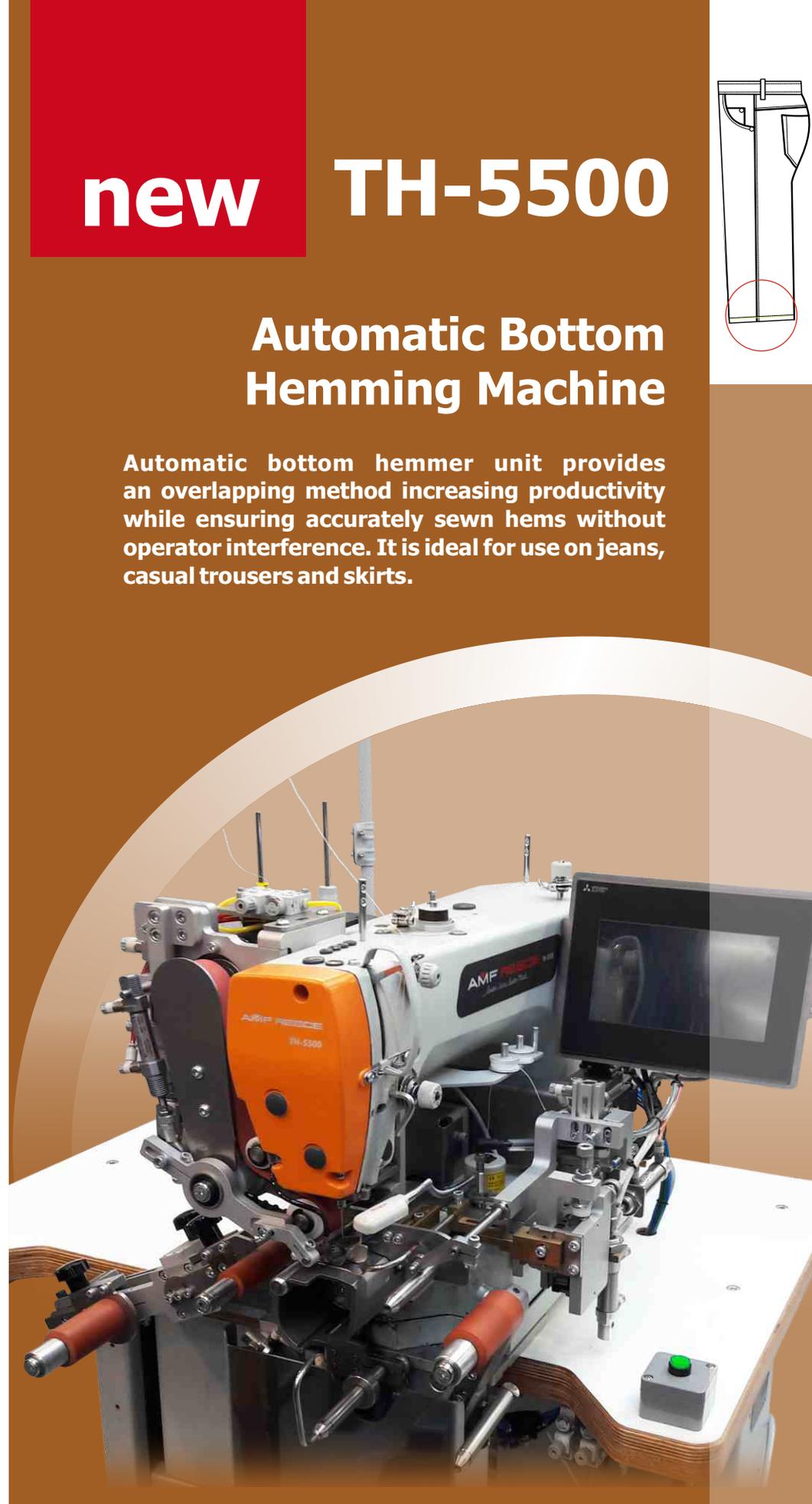
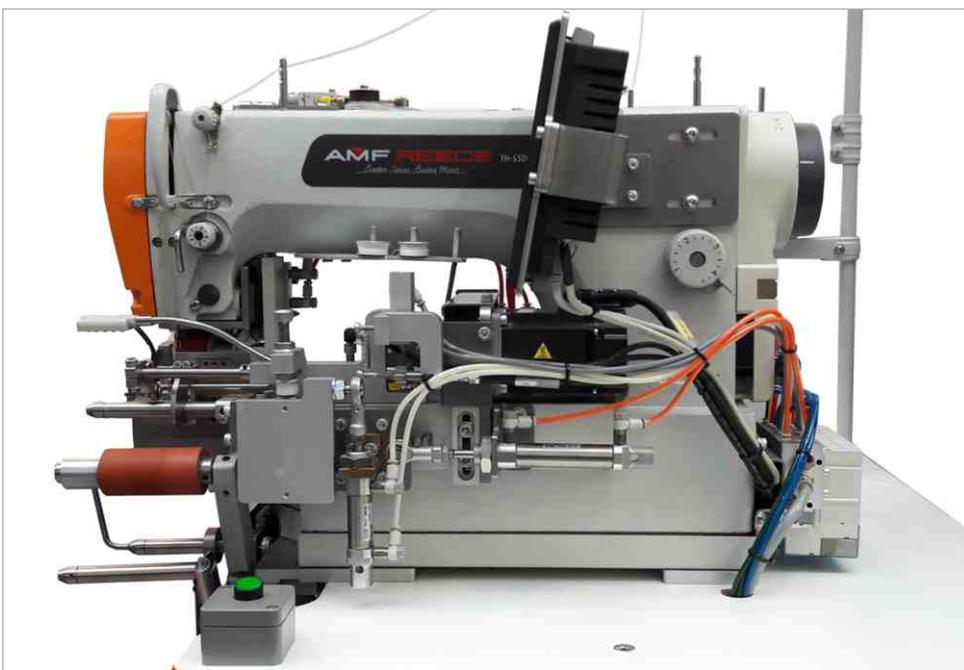


## Technical Specifications TH-5500

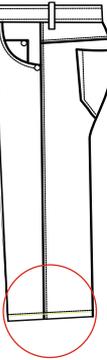
Application	Bottom hemming - pants or skirts (lockstitch type)
Machine Head	Cylinder bed, needle feed, lockstitch machine with extra large hook and automatic thread trimming
Max. Sewing Speed	3,500 rpm
Stitch Length	1...10 mm (can be set from touch panel)
Hemming Parameters	 <p>10-55 cm (stretch jeans) 12-55 cm (normal jeans) 14-55 cm (casual trousers)</p>
Top Puller	400 W servo motor
Bottom Puller	400 W servo motor
Sewing Head Motor	750 W direct drive servo motor
Hook	Exclusive automatic lubricating full+rotary (x3 extra large)
Productivity	200 - 250 pants in one hour
Noise	Workplace-related noise at sewing speed n=3,500 min: Lpa ≤ 84 dB (A) Noise measurement according to DIN 45635-48-A-1
Dimensions	1030 (W) x930 (D) x1370 (H) mm
Weight	225 kg



**new TH-5500**

## Automatic Bottom Hemming Machine

Automatic bottom hemmer unit provides an overlapping method increasing productivity while ensuring accurately sewn hems without operator interference. It is ideal for use on jeans, casual trousers and skirts.



Distributor

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## Features

### F1 Easy adjustment of hem folding width from single knob

The width of the hem can be adjusted between 1 and 5 cm by means of a single operation.

### F2 Independently servo driven top and bottom pullers ensure pucker-free sewing on all types of fabrics

400 Watt servo motors power the roller type bottom puller and the belt type top puller (patent pending) which is fortified by a gearbox for 3 times added torque. This ensures trouble free operation even on very heavy fabrics.

### F3 Patented hem guide system ensures consistent hem width

On a manual method, the hem width depends on the operator. TH-5500 has a unique hem guide system providing a uniform folding of the hem.

### F4 Independent dual presser foot system provides optimum fabric holding and consistent seam allowance

TH-5500 is equipped with two separate presser feet, one holding the folded fabric side (the hem) and the other one holding the single fabric side (the trouser leg). Thus the result is a perfectly aligned hem seam.

### F5 Adjustable stitch length from control panel eliminates the need to mechanical change of gears

The stitch density is a parameter that may need to be changed for different applications. TH-5500 eliminates the need for a mechanical change required on traditional hemming machines.

### F6 Direct-drive servo sewing head for best results on heavy fabrics

The 700 Watts servo motor ensures accurate sewing on all fabrics.

### F7 Individual left and right hem programming from colored touchscreen control panel

The left and the right hem parameters may need to be programmed differently due to cutting room results or sewing operations before the hemming. This is possible by activating individual hem programs highlighted in different colors.

### F8 Self compensating right fabric tension mechanism adjusts automatically to differences in hem diameter

The tensioner ensures an even stretching of the fabric regardless of the hem diameter.

## Features

### F9 Individual pressure adjustment for fabric tensioners

Fabric tensioners are equipped with individual pressure adjustment gauges for optimum fabric stretching.

### F10 Easy adjustment of fabric guide for different hem diameters

The fabric guide can be moved easily by the operator in order to adjust the machine for a new hem diameter.

### F11 TH-5500 is equipped with an extra large hook (3 times larger than a standard) lowering down time and adding to the productivity of the machine.

## Benefits

### B1 Accurate start and finish of sewing in relation to side and felled seams by photocell provides exact positioning of hem joint

TH-5500 can be programmed to match hem joint position accurately on garments with even more than 2 pieces of trouser or skirt panels.

### B2 Up to 3 times more productive compared to traditional methods

Due to automating the process and minimizing handling time, the TH-5500 dramatically increases the productivity of the bottom hemming operation. It is possible to produce up to 250 jeans/trousers per hour.

### B3 Eliminate twisted legs or ropy hems

The machine will ensure that all hems come out perfectly straight eliminating the quality problems associated with traditional methods.

### B4 Overlapping of hem joint start and finish seam can be programmed from control panel

It is very easy to adjust the length and the location of the overlapping stitches on TH-5500. Operator can set these parameters on the control panel for each different product.

### B5 No more puckered hem stitches especially after washing

The special mechanisms for holding and stretching the fabric at optimal levels ensure a consistent stitch pattern.

