



**MAUSER**  
SPEZIAL

**MA570/591**



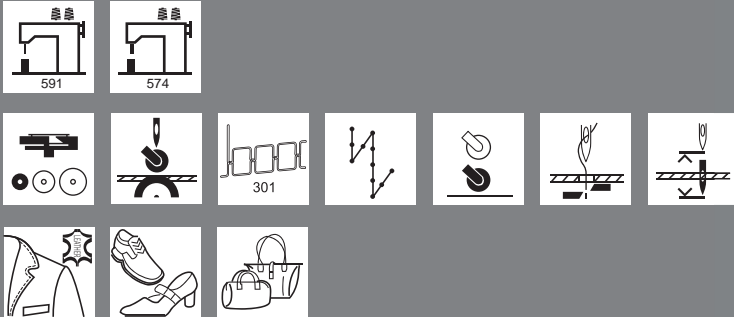
**Modern post-bed high-speed seamer  
for shoe manufacturing**

# MA 570/590

Modern post-bed high-speed seamer  
for shoe manufacturing.

*Always one step ahead:  
the next generation for the shoe industry*

*The mother of all post-bed machines.*



## SPECIAL FEATURES

- No compressed air required, all electronic control
  - 900/83: automatic thread trimmer
  - 910/17: automatic roller presser lift (with mechanical intermediate lift)
  - 911/37: automatic backtacking device
  - 911/40: New developed automatic backtacking device
- Mauser-Drive: New concept of integrated drives (Versions: from thread trimmer)
  - Energy-saving and environmental-friendly
  - 30% higher torque compared to usual drives
- Optimized kinematics with new part sets guarantee top sewing results
- Easily adjustable thread trimmer for short thread ends (up to 15/3 syn.)
- Overload clutch for hook protection
- Easily and accurately adjustable needle guard
- A multifunction switch with pre-programmed functions in the sewing head
  - Reverse sewing / intermediate tacking
  - Selection of pre-set speed



## AREAS OF APPLICATION

Covers all top-stitching work with single or two needles in the shoe production. Ornamental and assembly seams on classic and sport shoes can be sewn easily and in a top seam quality. The whole range of light to medium-heavy materials is covered here.

The machine is equipped with the latest backtack system technology to guarantee an improved stitch in stitch performance designed by Mauser Spezial.

## SUBCLASSES AND ADDITIONAL EQUIPMENT

- 725/04 Edge trimming mechanism, bottom driven
- 900/83 Powerful and reliable thread trimmer (electromagnetic control) for thread sizes up to 15/3 syn.
- 910/17 Electromagnetically controlled presser foot lift with additional knee lever for intermediate roller presser lift; no compressed air required
- 911/37 Electromagnetically controlled backtacking device with additional hand switch on sewing head for intermediate tacking
- 911/40 Exclusive new developed backtack system for Mauser Spezial machine
- 940/02 Dome-shaped needle plate for MA 571 and MA 591  
Standard on machines without a thread trimmer  
On machines with a thread trimmer, the thread trimming block must be removed. (Loosen only two Allen screws)
- 2/27 for leather craft work small-size part set
- 6/01 for general seaming work with standard part set

## TECHNICAL DATA

Stitch type:	301 (lockstitch)
Needle System	571: 134 LLCR
	574: 134-135
	591: 134
Max sewing speed	Model A: 3000 s.p.m.
	Model B: 3000 s.p.m.
	Model C: 2000 s.p.m.
Balance Wheel Ø	65 mm
Power supply	230V, 50 to 60 Hz
Cutting speed	2800/min.-1
Roller presser dia.	Standard: 35 mm
	Option: 25 mm
Motor power	550 W
Clear workspace	260 x 290 mm
Bedplate dimensions	518 x 177 mm
Postbed height	180 mm
Carton box dimensions	82 x 30 x 72 cm
Clearance under roller presser	7 mm with knee lever
	10 mm with automatic presser foot
Net weight of head	571: approx. 46 kg
	574: approx. 51 kg
	591: approx. 47 kg
Gross weight (head in carton w/ accessories)	571: approx. 54 kg
	574: approx. 59 kg
	591: approx. 55 kg



Type	Model	Single needle / post, left	Single needle / post, right	Two needle / post	Thread trimming with bottom drive	Max. stitch length	Vertical hook, large	Wheel feed and driven roller presser	Automatic presser foot lift	Backtacking system -911/37	Backtacking system -911/40	Thread trimmer	Recommended needle size in Nm	Thread size (metrical number in Nm)	Needle gauge
571	B	●			1.2mm	4.5	●	●	○	○		○	90-110	80/3-40/3	-
591	B		●		1.2mm	4.5	●	●	○		○	○	90-110	80/3-40/3	-
591	C		●			7	●	●	○		○	○	90-150	80/3-15/3	-
574	B			●		3.6	●	●	○	○		○	90-110	80/3-40/3	1.6-2.0 2.0-2.4
574	C			●		3.6	●	●	○	○		○	90-150	80/3-15/3	2.0-2.4

● Standard ○ Optional

# MAUSER S P E Z I A L

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