



MAUSER
SPEZIAL

MA570/591



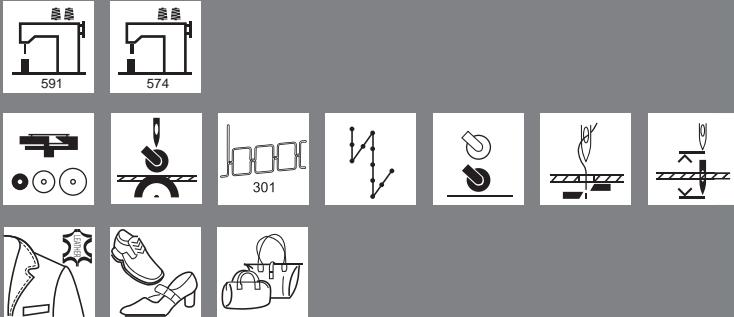
**Modern post-bed high-speed seamer
for shoe manufacturing**

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. Electromagnetically controlled presser foot lift with additional knee lever for intermediate roller presser lift; no compressed air required
- 910/17 Electromagnetically controlled backtacking device with additional hand switch on sewing head for intermediate tacking
- 911/37 Exclusive new developed backtack system for Mauser Spezial machine
Dome-shaped needle plate for MA 571 and MA 591
- 911/40 Standard on machines without a thread trimmer
- 940/02 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 hight	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



This machine is equipped with finger-guard, belt- and take-up lever guards as standard.

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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