



MAUSER

S P E Z I A L



MA 571 / 574 / 591

Post-bed high-speed seamer
for shoe manufacturing

MA 571 / 574 / 590

Post-bed high-speed seamer for shoe manufacturing

Area of application

Covers all top-stitching work with single or double 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.

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 is integrated in the sewing head for:
 - Reverse sewing / intermediate tacking

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 backtacking |
| - 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 |

Available sub classes

- | | |
|-------|-------------------------------------------------------------------------------------------------------------------|
| -2/27 | For leather craft work Small- size part set (smooth surfaced sewing parts) Edge guide mounted on the cylinder bed |
| -6/01 | For general seaming work with standard part set |



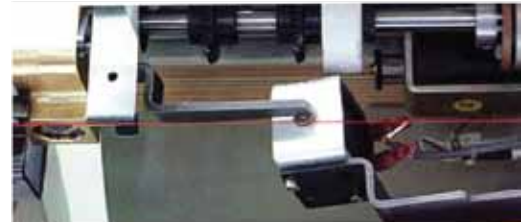
Electromagnetic Control Unit

For releasing the roller presser feed direction



Inspection Glass

For controlling the amount of thread left



Electromagnetic Control Unit

For switching the feed wheel & lifting the presser foot



Driven Roller Presser

With presser foot and integrated edge guide



Easy Adjustable Thread Trimmer

Reinforced catcher and knife for short thread

Covers all top-stitching work with single or two needles in the leather industry for light to medium-heavy materials

Type	Model	Single Needle Post Left	Single Needle Post Right	Double Needle Post	Edge cutting device	Max sewing speed in s.p.m	Max. stitch length	Vertical Hook, large	Wheel feed and driven roller presser	Presser foot lifter
571	B	●			1.2 mm*	3,000	4.5	●	●	○
591	B		●		1.2 mm*	3,000	4.5	●	●	○
591	C		●			2,000	7	●	●	○**
574	B			●		3,000	3.6	●	●	○
574	C			●		2,000	3.6	●	●	○

Type	Backtack system -911-37	Backtack system -911/40	Thread trimmer	Needle sysem	Recommended needle size	Thread size in Nm	Needle gauge	Arm clearance	Clearance space during lift	Roller presser diameter	Balance wheel effective Ø
571	○		○	134	90-110 Nm	80/3-40/3	-	260 x 290 mm	10 mm (Knee: 7mm)	30 mm (Optional: 25 mm)	65 mm
591		○	○	134	90-110 Nm	80/3-40/3	-	260 x 290 mm	10 mm (Knee: 7mm)	30 mm (Optional: 25 mm / 35mm)	65 mm
591		○	○	134	90-110 Nm	80/3-15/3	-	260 x 290 mm	10 mm (Knee: 7mm)	30 mm (Optional: 25 mm / 35mm)	65 mm
574	○		○	134	90-110 Nm	80/3-40/3	1.6-2.0 2.0-2.4	260 x 290 mm	10 mm (Knee: 7mm)	30 mm (Optional: 25 mm / 35mm)	65 mm
574	○		○	134	90-110 Nm	80/3-15/3	2.0-2.4	260 x 290 mm	10 mm (Knee: 7mm)	30 mm (Optional: 25 mm / 35mm)	65 mm

MA 571

Single Needle
Post left



MA 574

Double Needle
Double Post



MA 591

Single Needle
Post right



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S P E Z I A L

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
Post-bed 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.



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