



MAUSER
S P E Z I A L

MAS 1591

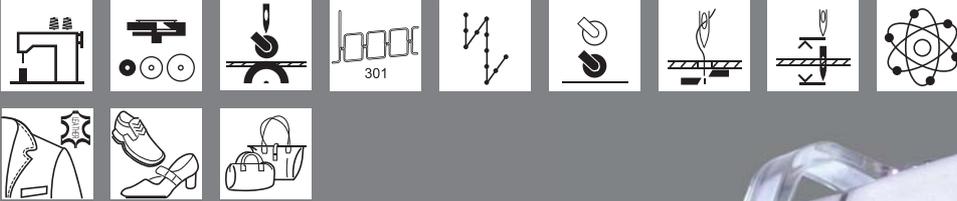


**Modern high-speed post-bed sewing machine
for the shoe industry**

MAS 1591

Comfortable, very easy to operate. The modern, post-bed, high-speed seamer for shoe manufacture.

*“An operator produces thousands of stitches a day-
the MAS1591 put them in the right place”*



SPECIAL FEATURES

- A perfect closing seam on the heel due to the controlled stretched insertion of the lining.
- No perforation of the material during backtacking operations with exact stitch-in-stitch sewing.
- With the same setting there is no difference in the stitch length from machine to machine.
- Exactly accurate stitch lengths can be reproduced at any time.
- The feed motion of the feed wheel and the roller presser can be set separately.
- Sturdy, easily adjustable thread trimmer with short thread end for thread sizes up to 15/3 synthetic.
- Hook lubrication device with automatic dosage.
- Overload coupling for hook system.
- Simple adjustment of stitch lengths and the number of bartack stitches on the control panel.
- A roller presser (Ø 35 mm) with special rubber coating (“perbunan”) is available as an option for work on very delicate leathers. (Part set no. 91-164 711-91)
- No compressed air necessary.
- Very simple operation due to a new, clearly-arranged control panel, which makes it easy to create sewing programs.
- Serial interface for transferring and storing data on computer systems.
- Up-date of the machine software without changing the E-prom.



AREAS OF APPLICATION

Single- and two-needle top-stitching work on shoe uppers of up to medium-weight material. Top-quality fancy and securing seams can be sewn. The main feature of this series is that the feed elements are driven by stepping motors, so that, if desired, it is possible to switch over to differential feed using a knee switch without interrupting the sewing operation.

SUBCLASSES AND ADDITIONAL EQUIPMENT

A thread trimmer for thread sizes up to 15/3 synthetic, an automatic roller presser lift, a backtacking device, wheel feed and driven roller presser belong to the standard equipment for all machines. The main classes with the end figure 1 also have a needle feed.

TECHNICAL DATA

Stitch type	301 (lockstitch)
Max. sewing speed	3500 s.p.m. (depends on stitch length and material)
Stitch length	0.8 to 5.0 mm
Balance wheel effective Ø	Standard 90 mm
Clearance under roller presser	10 mm
Postbed height	180 mm
Clear workspace	260 x 290 mm
Needle system	134
Cutting speed	2800/min.
Bedplate dimensions	518 x 177 mm
Power supply	230 Volt, 50-60 Hz
Net weight of head	approx. 47 kg
Gross weight	approx. 55 kg
Cardboard box measurements	82 x 30 x 72 cm

The standard machine is equipped with finger, belt and thread take-up guards.



Do The Best Sewing

MAUSER
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