

1570
1590

Modern high-speed postbed sewing machine
for the shoe industry



1570/1590

Comfortable, very easy to operate.

The modern, post-bed, high-speed seamer for shoe manufact

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 and linings can be attached in combination with the separately-driven lining trimming devices -725/04 or -726/05. 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.

This is an absolute necessity for achieving:

- A perfect closing seam on the heel due to the controlled stretched insertion of the lining.
- Uniform beaded lining edges even on inner curves by avoiding tension in the lining. In this area the lining is compressed for sewing.

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.



1591-726/05

Special advantages:




- 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
- The operator can independently change the needle plate inserts for different trimming margins (on subclasses -725/04 to -726/05) or thread sizes 80/3 to 15/3 synthetic
- 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



1591-725/04



1571-725/04

Typ and number of needles	Machine class	Edge trimming mechanism	Model Type of application	Standard needle gauge in mm ■	Standard trimming margin in mm ■
 1	1571	-725/04 -725/04	B A B		0.8; 1.0 1.2
 2	1574	-725/04 -725/04	A B C A B	1.2 ; 1.4; 1.6 1.6; 1.8; 2.0; 2.2; 2.4 2.2 + 2.4 1.2; 1.6 1.8	1.0 1.2
 1	1591	-725/04 -726/05 -725/04 -726/05 -725/04 -726/05	A; B; C; A B C		0.8 + 1.0 1.2 1.5

The dome-shaped needle plate -940/02 can be installed. This offers easier handling for sewing operations on very narrow uppers (e.g. on boots).

Necessary preparation work:

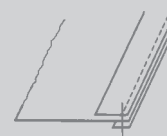
The thread trimming block must be removed by loosening two Allen screws.

- Additional needle gauges and trimming margins can be delivered with parts.

Explanations:

- A = for light materials, threads up to 60/3 synth., needle size 60 to 80 Nm in 1/100 mm.
- B = for medium materials, threads up to 30/3 synth., needle size 80 to 100 Nm in 1/100 mm.
- C = for medium-heavy materials, threads up to 15/3 synth., needle size 110 to 140 Nm in 1/100 mm.
- 725/04 Edge trimming mechanism - bottom driven.
- 726/05 Edge trimming mechanism - top driven.

Available part sets for french binding



Machine class	Sub-class	Version	Width of tape guide in needle plate for reinforcing tape
1571	59/01	A	2.0 mm
1591 *	59/01	A	2.0 mm
		B	2.5 mm

* Due to the curved needle plate, the thread trimming block must be removed. (loosen two Allen screws)

Specification:

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 35 mm

Optional 30 mm

Clearance under roller**presser:**

10 mm

Postbed height:

180 mm

Clear workspace:

260 x 290 mm

Needle system:

CL 1571 = 134 LLCR

CL 1574 = 134-35

CL 1591 = 134

Needle gauges:

0.8 to 4.8 mm (class 1574)

Cutting speed**-725/04 and -726/05:**

2800/min.

Bedplate dimensions:

518 x 177 mm

Power supply:

230 Volt, 50-60 Hz

Net weight of head:

CL 1571: approx. 46 kg

CL 1574: approx. 51 kg

CL 1591: approx. 47 kg

Gross weight (Head in cardboard box with accessories):

CL 1571: approx. 54 kg

CL 1574: approx. 59 kg

CL 1591: 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.

Hotlines:

Technical service: +49-175/2243-101

Application consultancy: +49-175/2243-102

Spare-parts hotline: +49-175/2243-103



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