

www.collierequipment.com

Collier Equipment

100 Mill Creek Circle / PO Box 175

Lexington, AL 35648

Phone: (256) 229-6595 Fax: (256) 229-6779

MAUSER
S P E Z I A L

MS-591 / 574 / 571

Integrated Direct Drive - High Speed - Shoe Machine Series



www.CollierEquipment.com

Milestones in the history of trademark "**MAUSER**"

1812 The royal armaments factory in Oberndorf is founded

1872 Company founded by the Mauser brothers

1920 After world war one, the company expands its portfolio, inter alia to measuring devices and automobiles like the Mauser Mono-Track-Car



1923 The first Mauser special sewing machine is introduced.
(German Patent: DE 410 952)
German TM: 336 284 is established



1929 At the international exhibition in Barcelona, Mauser is awarded with the Grand Prix for its sewing machine Type BHE



1950 The production of industrial sewing machines becomes part of IWK Augsburg AG "Mauser" introduces automatically lubricated coverlock sewing machines and the "Mauserlock-Armabwärts-Viernadel-Sechsfadenmaschine" ("Mauserlock" four needles, six thread, feed-off-the-arm machine)



The trade mark "MAUSER SPEZIAL" is established
(German TMs DE 618 326)



1975 The "MAUSER SPEZIAL" product line is bought by G. M. Pfaff AG (today Pfaff Industriesysteme und Maschinen GmbH)

2010 New Logo and TMs are introduced
European TMs 9 928 805, 9 359 167



2013 SG Group Co. Ltd. Takes over Pfaff

2016 New Logo and TMs are introduced



MS-591-900/83-910/17-911/50 BL5

Standard single needle post-bed lockstitch machine with wheel feed and driven roller presser, both forward and backwards.

Equipped with energy efficient, fully integrated sewing drive and built-in electromagnetic thread trimmer, seam back tacking and sewing foot lift. This means that the MS-591 does not require compressed air and can be used in any operation.

The standard in shoe production.

The small vertical hook ensures best sewing results on classic and sport shoes.

**Stitch-In-Stitch Backtacking**

The lower feeding wheel as well as the upper roller presser are driven in sewing direction as well as sewing backwards when backtacking.

**Electromagnetic Functions**

The machine comes standard with 30mm roller presser (diameter). 25mm and 35mm roller presser are available as an option.

**Integrated Key Bar**

The integrated key bar allows seam backtacking and intermediate backtacking, backtack suppression and needle up position at sewing

www.collierequipment.com

Collier Equipment

100 Mill Creek Circle / PO Box 175

Lexington, AL 35648

Phone: (256) 229-6595 Fax: (256) 229-6779

Sales & Superior Service after the sale

Areas of Application:

Use for all top-stitching work with single or double needles in shoe production. Ornamental and assembly seams on classic and sport shoes can be sewn easily, and the seam quality is perfect.

Machine Description:

591 - One needle post bed (post to the right) lockstitch sewing machine with bottom roller feeding and self driven top roller presser foot.

574 - Two needle post bed lockstitch sewing machine with bottom roller feeding and self driven top roller presser foot.

571 - One needle post bed (post to the left) lockstitch sewing machine with bottom roller feeding and self driven top roller presser foot.

Optional Subclasses:

591/574/571 Model B for stitching of medium-weight materials.

591/574/571 Model C for stitching of medium-heavy materials.

Subclasses and additional equipment:

-900/83 Powerful and reliable thread trimmer (electromagnetic control) for thread sizes up to 15/3 syn.

-900/17 Electromagnetically controlled presser foot lift with additional knee lever for intermediate roller presser lift, compressed air is not required.

-910/37 This system decouples the feeding mechanism of the top driven roller presser foot which then enables backward sewing (top driven roller presser foot is only driven when sewing forward).

-910/50 This system is equipped with a double driving system for the top driven roller presser foot whereby at forward as well as backward sewing the top roller presser foot is self driven.

Versions

Type	Model	Single needle / post, left	Single needle / post , right	Two needle / post	Max. stitch length	Vertical hook , large	Self-driven roller presser	Automatic thread trimmer -900/83	Automatic presser foot lift -910/17	Automatic Backtacking system -911/37	Automatic Backtacking system -911/50	Recommended needle size in Nm	Thread size (metrical number in Nm)	Needle distance
MS591	B	●	●		5.0	●	●	●	●	○	●	90	80/3-40/3	-
MS591	C		●		7	●	●	●	●	○	●	120	80/3-15/3	-
MS574	B			●	3.6	●	●	●	●	○	●	90	80/3-40/3	1.6-2.0 2.0-2.4
MS574	C			●	3.6	●	●	●	●	○	●	120	80/3-15/3	1.8-2.0 2.2-2.4
MS571	B	●				●	●	●	●	○	●	90	80/3-40/3	-
MS571	C	●				●	●	●	●	○	●	120	80/3-15/3	-

● Standard ○ Optional