



MAUSER
SPEZIAL

MA 2080

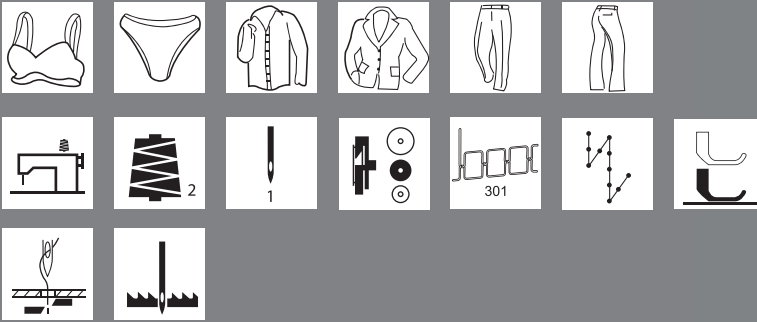


**Intelligent, Fast, Powerful and Reliable semi dry
or fully dry high-speed machine**

MA 2080

Intelligent, Fast, Powerful and Reliable semi dry or fully dry high-speed machine

*Only available with Mauser Spezial machines:
Optimized hook- and needle bar lubrication
and extended needle to arm space*



SPECIAL FEATURES

- High flexibility due to the adjustable needle bar stroke (30 to 36 mm) .
- Up to 13 mm presser foot clearance (with 36 mm needle bar stroke) .
- Eccentric for tilting the feed dog .
- Concealed cable guide integrated in the sewing head .
- Knife/catcher change for the thread trimming device without readjustment .
- Integrated bobbin thread winder.
- Large "horizontal hook" with increased bobbin thread capacity of 50% and reduced number of bobbin changes (optional).
- One machine for all material thicknesses.
- Up to 6 mm stitch length – forward and reverse (optional).
- Integrated solutions for presser foot lift, back tacking mechanism without compressed air.
- Computer-optimized kinematics of take-up lever, feed dog and needle bar motion .
- Interface for PC-connection for communication/network and software downloading.

AREAS OF APPLICATION

Complex assembly work is not required. The machine is supplied ready for use. The quiet running of the low-vibration machines is one of the outstanding features. The built-in drive unit, AC-SERVO, transmits the power directly (direct drive) to the machine and guarantees a 50% reduction of the power consumption compared to conventional drive units.

The machine works with very low thread tension settings. The needle bar stroke can be changed from 30 to 36 mm, which is an absolute requirement for sewing an extremely wide range of materials.

In addition, the new design makes the MA 2083 to an outstanding machine providing efficient and valuable benefit to every factory dealing with textiles.

ADDITIONAL EQUIPMENT & WORK AIDS

- 909/14 Controlled thread nipper for neat seam start
- 731/01 Side cutter
- 900/24 Thread trimmer
- 910/06 Automatic presser foot
- 911/37 Backtacking mechanism

MAIN MACHINE CLASSES

MA 2081 High-speed seamer with compound feed and an optimized hook and needle bar lubrication. It can sew top quality seams at a maximum speed of 5,500 s.p.m.

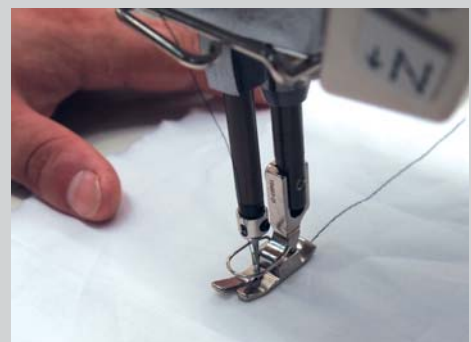
MA 2083 High-speed seamer with drop feed and an optimized hook and needle bar lubrication. It can sew top quality seams at a maximum speed of 5,500 s.p.m.

All machines are available as "D-Version"

The MA 2081/83-D is equipped with a totally dry head and a maximum sewing speed of 4000 s.p.m.

TECHNICAL DATA

Max. Stitch length	6 mm
Max. Fabric clearance	13 mm
Stitch type	301 (lockstitch)
Needle system	134 (DBx1)
Needle Size	A-Version: max. 80 B-Version: max. 100 C-Version: max. 140
Needle bar stroke	Adjustable to 30 or 36 mm
Connection Voltage	Single-phase a.c., 230V, 50/60 Hz
Power input	0.4 KW
Weight (gross/net)	approx.57kg / approx.49kg



Type	Large hook	Part set	Versions	Side Cutter	Thread trimmer	Thread trimmer	Controlled thread nipper	Controlled presser foot	Backtacking mechanism	Bobin thread monitor	Control panel
2081		8/11	B, N 4.5	○	○	○	○	○	○		BDF-S3
		8/11	B, N 4.5		○	○	○	○	○	○	BDF-S3
		8/13	C, N		○	○	○	○	○		BDF-S3
	G	8/13	C, N		○	○	○	○	○		BDF-S3
		34/11	A, N 3.0		○	○	○	○	○	○	BDF-S3
2083		8/31	B, N 4.5	○	○	○	○	○	○		BDF-S3
		8/31	B, N 4.5		○	○	○	○	○	○	BDF-S3
		8/33	C, N		○	○	○	○	○		BDF-S3
	G	8/33	C, N		○	○	○	○	○		BDF-S3
		34/31	A, N 3.0		○	○	○	○	○	○	BDF-S3
		8/44	B, N 4.5		○	○	○	○	○		BDF-S3

MAUSER S P E Z I A L

German Headquater

Tribonia Intl.

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Low Voltage
Directive
Number
1674



Machine
Directive
Number
1674

Mauser Spezial

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