

MÜGRIP® MBJ8 1/1380

Label Weaving Machine
for labels and pictures with slit selvages



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LABEL WEAVING MACHINE FOR LABELS AND PICTURES WITH SLIT SELVEDGES

▲ CONCEPT

Rapier weaving machines from the MBJ range are the world's most frequently used machines for the production of labels and pictures with slit selvages. In fact, they represent the unique weaving system to have been specially developed and manufactured for this market segment.

The robust and compact design of the jacquard superstructure directly on top of the basic machine, limited machine height and minimal weight all facilitate the installation and operation of MÜGRIP® weaving machines in bigger and smaller facilities and buildings with several storeys. Other characteristics that make these machines interesting from the economical and an ecological standpoint are the high speeds, great flexibility in label weaving, short over-change times, limited maintenance cost, low energy consumption and a high resale value.

The MÜGRIP® MBJ8 1/1380 offers convincing performance, quality and low energy consumption. The optimised machine constitutes a new addition to the MBJ series of rapier label weaving machines.

▲ GENERAL FEATURES

- High production speed
- Low energy consumption
- Best fabric quality

The weaving machine is ideally suited to the production of labels and pictures with slit selvages.

▲ SPECIAL FEATURES

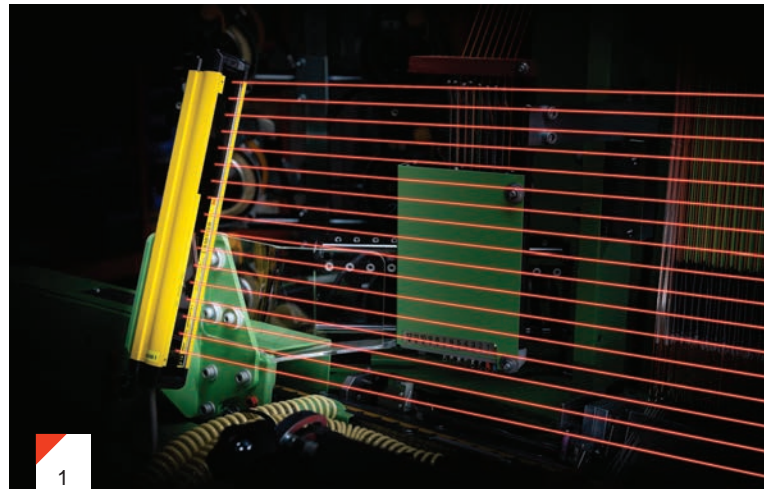
- **Max. nominal width of 1346 mm.** Perfect for all order sizes, high efficiency due to reduced down-times (short change-over times).
- **SPE3 Jacquard model.** Proven system for high speeds and low wear and tear.
- **MLC machine control / network ready.** A new single control system monitors and regulates the entire process sequences of the label weaving machine.
- **MÜDATA® M series.** With touch screen, newest operating system, modern layout, simple and intuitive operating.
- **Productivity.** Energy efficient drive technology, high production speed, with lowest waste rate and best fabric quality.
- **Rapier drive.** The rapier drive provides smooth weft insertion for the processing of various yarns in the range of 22 - 1400 dtex.



- **Universal rapier.** The lightweight universal rapier ensures extended head and tape operational life.
- **Weft thread feeder.** Electronically controlled IRO LUNA X3 weft thread feeders for up to twelve colours (for enhanced user comfort and constant thread tension). Individually adjustable speeds and a remapping/alternate function are available for every individual weft colour.
- **For labels with highest quality demands.** Cross beam with outstanding reed beat-up, optimised full width temple bar and spring loaded rod deflection. This makes the machine most suitable for high-quality labels; not only the optimised full width temple bar and spring loaded rod deflection, but also the proven, vertical reed beat-up with a short distance to the temple bar constitute important qualitative characteristics for the production of labels with minimal to very high weft densities and diverse weave structures in thicknesses of up to 2 mm.

▲ PICTURES

- 1 Light barrier
- 2 MÜDATA® M series
- 3 Smart lighting



ADDITIONAL TECHNOLOGIES FOR LABEL PRODUCTION

▲ MÜJET® MBJL6

Airjet label weaving machine

▲ MÜSONIC3

Ultrasonic label slitting machine

▲ LCFR2

Label cutting and folding machine

▲ MÜCAD

Pattern creation and programming software

▲ VELVEDGE®

Worldwide best slitting quality for smoothest edges. Skin friendly soft edge for the best possible customer feeling

▲ mymuenet®

Software for production data acquisition and control

▲ mymueller®

Your online service portal



TECHNICAL SPECIFICATION

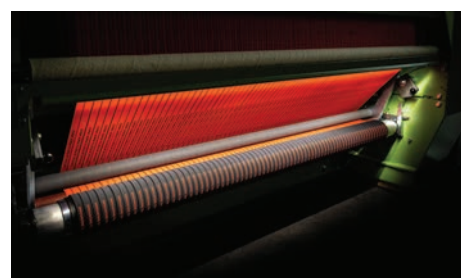
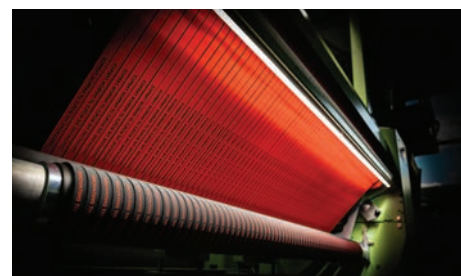
Reed width (max.)	1380 mm		
Nominal width (max.)	1346 mm		
Jacquard machine (sheeding device)	SPE3 series		
Weave types	Taffet	Semi-Satin	Satin
Warp density (ends/cm)	54,6	88,82	109,2
Harness settings	Label standards as per PZ 3003		
Weft feeder	Electronically controlled for up to 12 colours IRO Luna X3		
Weft insert system	Universal rapier for various yarn counts between 22 and 1400 dtex. Lightweight designed rapier head for outstanding long operational life		
Cross beam	Rapier drive for smooth weft feeding with the unique vertical reed beat-up and for labels and high weft density fabrics optimised temple bar		
Machine control	MLC machine control / network ready and MÜDATA® M series for the entire machine monitoring and regulation		
Main drive	VARISPEED – Energy-efficient machine drive with programmable speed changes within the pattern design		
Fabric take-off drive	VARIPICK – Energy-efficient fabric take off drive for programmable weft density variations from 18 to 120 picks per cm within the pattern design		
Warp let-off drive	Energy-efficient and electronically controlled warp let-off drive with warp tension monitoring up to a warp beam diameter of 800 mm		
Selvage formation	TC2 cutting system for a good on loom selvage quality starting from a minimum width of 6 mm. Due to the same electrical resistance an identical cutting temperature across the entire fabric width can be reached		

▲ DIMENSIONS

Width: 3940 mm (with thread feeder)
2955 mm (without thread feeder)

Depth: 2030 mm

Height: 3645 mm (machine)
3875 mm (room)



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