

# Air-jet Label Weaving Machine

MÜJET® MBJL6 1/1380

for labels and woven images with cut selvages



## MÜJET® MBJL6 1/1380

### Air-jet technology developed specifically for stringent label weaving room requirements

The robust and compact design of the MÜJET® MBJL6 is ideally suited to a combination of top production performance and proven quality.

- Simple and clear design allows easy access to all the important machine components and control elements
- The tried and tested, electronically controlled SPE3 1536 jacquard machine is mounted directly on top of the basic machine, which reduces the space requirement to a minimum.
- The low height of the machine facilitates increased production in a smaller space and a reduced building volume
- The gentle handling of the warp and weft material during production permits top speeds in combination with optimum efficiency
- Adjustments to a variety of production conditions can be completed easily via controls using a C-Series MÜDATA touchscreen
- The C-Series MÜDATA controls the entire machine including the jacquard, the TC2 cutting system, thermofixing, the warp let-off system, machine drives and the weft insertion system

### Special features

- New working width of 1,200mm
- C-Series MÜDATA touchscreen - user-friendly dialogue panel for quick and simple operation
- ROJ Super Elf G2 weft thread storage system with layer separation and integrated thread surveillance.



MBJL6 tape winding system for excellent order change flexibility

- The weft colour arrangement is set using a "replacement and change" function.
- Controlled warp let-off system with servomotor for the rapid and straightforward adjustment of warp thread tension
- Electronically controlled VARISPEED system for binding- and weft thread-guided machine speeds
- VARIPICK system with torque motor for low energy consumption and quick and simple weft density setting
- Individual air pressure settings for each of the eight weft colours
- Separate on and off switching of the holding air, which provides a significant reduction in air consumption



1,200mm working width and TC2 cutting system



The user-friendly C-Series MÜDATA touchscreen

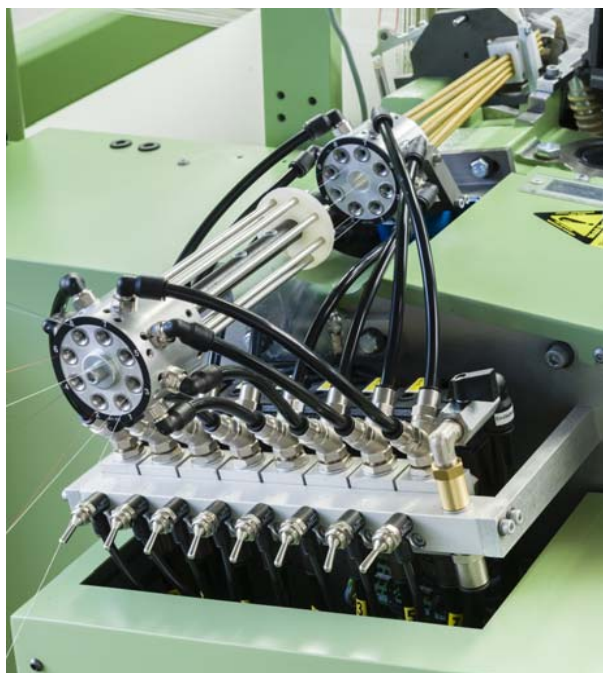


Air pressure control unit

- Compressed air system consisting of two air circulation loops that allows the individual setting of the left- and right-hand sections of the relay nozzles and thus ensures stable and protective weft insertion
- Individual machine speed adjustment for each weft colour using the C-Series MÜDATA touchscreen
- TC2 cutting system for uniform cut quality with up to 120 cutting elements for labels with widths of 10 mm and above
- Optional: second cutting beam, which is available for narrow labels with widths of 6 to 8 mm

**The advantages of MÜJET® MBJL6 at a glance**

- In-house engineering and manufacture
- High levels of productivity and order change flexibility
- Quick and easy programming
- Rapid cutting system resets
- Comfortable exchange of rolled tapes
- User-friendly and simple handling



Weft insertion system up to eight colours



Weft channel with relay nozzles

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## Technical data

Reed width	1380 mm
Working width	1200 mm
Jacquard machine	SPE3 1536
Weave types	Taffeta                      Satin
Warp threads/cm	54.6                              109.2
Harness settings	Optimum possibilities, trimmed to label standards and productivity (according to PZ 5081)
Weft accumulator	with 8 colours
Weft insert system	For various materials, e.g. PES filament textured and untwisted , reinforced lurex and other effect yarns with counts of 30 dtex to 250 dtex
Machine drive	VARISPEED – electronically controlled system for weave and weft thread determined machine speeds
Fabric take-off	VARIPICK with Torque motor – electronically controlled fabric take-off. Variable weft density also possible within the repeat, from 18 – 120 weft per cm
Warp let-off	Controlled warp let-off with servo motor Electronically controlled with monitoring of the tension tolerances preselected to match the fabric. Warp beam diameter of max. 800 mm
Machine control	MÜCAN microprocessor control with integrated LAN- and USB interface
Dialogue panel	MÜDATA touchscreen C-series
Edge formation	– TC2 cutting system: Standard with one cutting bar for label width min. 10 mm Option second cutting bar for label width 6 – 8 mm
Edge tying	CANTRINA with 40 wined bobbins for individual tension
Programming	MÜCAD pattern and programming system
Dimensions	Width                      4230 mm / 2845 mm (with / without weft accumulator) Length                      2030 mm Height                      3615 mm Min. room height      3940 mm

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**Fascination of Ribbons and Narrow Fabrics  
Innovation in Machinery**

Rep.:



**Jakob Müller AG Frick**  
5070 Frick Switzerland  
Tel +41 62 8655 111  
Fax +41 62 8655 777  
[www.mueller-frick.com](http://www.mueller-frick.com)

