# MÜCAD

# Software for pattern creation and programming

for all electronically controlled machines with Jacquard, with dobby and for drives in speed, take off and thread transport

**JAKOB MÜLLER GROUP**

Your World. Our technologies.

# MÜCAD



Picture-like design

With velvedge slit

Design with 3D effect
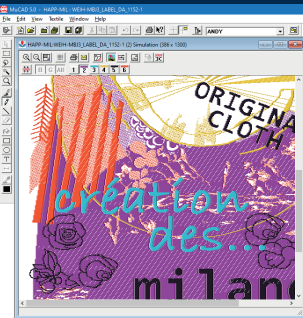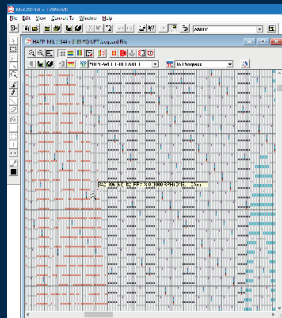
Electronic dobby

MDW® programming

Programming of e drives

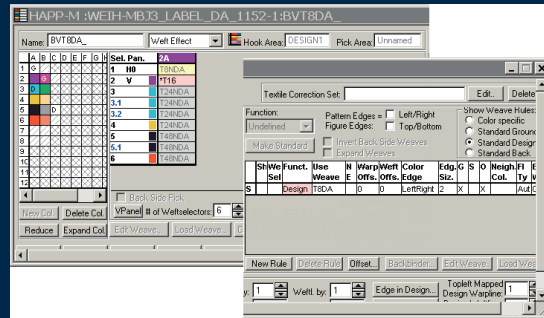# Software for pattern creation and programming

Software for pattern creation and programming for all electronically controlled machines with Jacquard, with dobby and for drives in speed, take off and thread transport.
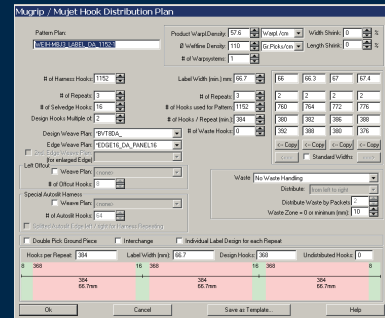

Label simulation


View upt.file


Binding plan


Hook distribution plan

## Features

- Jakob Müller AG developed loom software that guarantees smooth process sequences
- The user-friendly processing of the design and weave patterns with all peripheral conditions for first class labels
- A central database for patterns and all documentation
- Database access via the Internet
- Direct archiving with back-up function

## Advantages

- 64- bit architecture, Increase in computing power, higher productivity
- Weft and warp patterning for Jacquard machines up to 12800 hooks
- Programming of electronically controlled harness frames and drives
- Enables the processing of very large design patterns
- Ensures the production of designs and weaving patterns for label weaving and tape weaving machines also for future Windows products

## Benefits

- Worldwide unique software for programming photo-like design, for programming machines with the MDW technology, programming machine parameters such as Varispeed, Varipicks
- Know-how protection of pattern informations
- Guaranteeing the MÜCAD operational reliability by checking the semi-annual updates of Windows products
- Latest software version available free of charge in the mymueller service portal (registering needed)
- Ideal combination with the IoT plattforms like mymuenet (including bilateral OPC/UA connections).

# MÜCAD products

| | |
|---|---|
| **MÜCAD BASIC** | for weft and warp patterning for heald and jacquard machines up to 6'400 functions with the option to extend to 12'800 functions |
| **MÜCAD MINI for warp patterning** | for heald and jacquard machines with up to 896 control functions |
| **MÜCAD MICRO Warp patterning** | for heald and jacquard machines with up to 200 control functions |
| **MÜCAD NANO for warp patterning** | for healds (heald programming) |
| **DIGICOLOR** | for programming of picture-like labels, posters and ties, by using only 5-7 weft colours, for realistically implementing motifs on Jacquard fabric, based on the digital weaving process. |
| **MÜCAD CODE** | for the creation and weaving of labels / tapes (in weft effect) with individual codes and numbering in a licence-free, unsecured production process and for the production of small, customised series such as name tapes and individualized labels. |
| **MÜCAD MDW®** **(Multi Directional weaving)** | to programming the MDW® functional and effect thread placing device. Only applicable with NFM® MDW® or MBJ8 / MBJ8ν |
| **MÜCAD VELVEDGE®** **(Multi Directional weaving)** | to programming the MDW® functional and effect thread placing device for label with VELVEDGE®. Only applicable with MBJ8 / MBJ8ν |
| **MÜCAD RFID** **(Multi Directional weaving)** | to programming the MDW® functional and effect thread placing device for label with RFID. Only applicable with NFM® MDW® RFID |

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