

Data transfer system

UNI-NETWORK

Retrofitting package for safe and simple
pattern data transfer to machines



UNI-NETWORK

Concept

In some countries, diskettes are virtually impossible to obtain. In addition, they can only store a limited amount of data.

Consequently, Jakob Müller AG offers its customers a device with LAN and USB interfaces (UNI-NETWORK) in an "Internal" variation as a replacement for the UNI-Disk-Print and an "External" version as a substitute for mobile MÜLOAD devices.

Due to the two integrated interfaces, designs can be loaded into the machine from a PC via a network or a standard USB stick. This solution allows the safe storage of significantly larger amounts of data, reduces the time required for transfers and enhances both data security and stability.

The familiar operation of the MÜDATA controls has been retained, but designs can be selected more rapidly due to an additional function.

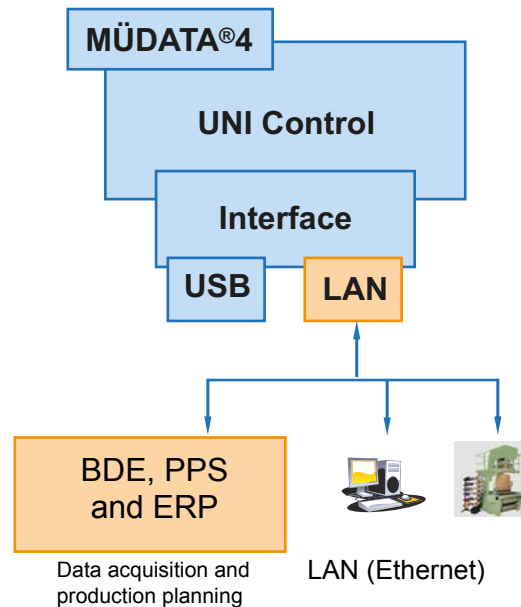
The accompanying instructions enable customers to exchange the device quickly and simply.

Important features:

- Design size is only limited by the controls
- Network links are possible without additional software
- Pattern designs are better protected, as transfers can take place without mobile data carriers
- Interim copies on other data carriers are not required
- Ideal for central data storage and security
- A possibility for the linkage of an external floppy disk drive via a USB interface
- Straightforward assembly that can be completed by the customer
- Downward compatibility with "USB to UNI" interface
- Robust design and anchorage; cannot be pulled out
- Developed entirely in-house for Müller machines

LAN connection

The device contains an interface of the latest technological standard (webserver), which guarantees compatibility with the newest generation of Müller machine controls. This feature allows connection to a LAN (local area network).



Examples for connection to LAN (Local Area

Function

The connection of the machine to a LAN can be pre-defined with the assistance of a data file provided by Jakob Müller AG. Customers need only modify the file in line with our instructions and then copy it onto a USB stick. Once the USB stick is connected to the UNI-NETWORK interface, the software is adapted automatically and the interface is ready for online data transfer.

In both cases, i.e. access to data via memory stick or via directory on server, the number of accessible files is not restricted. A selection can be made by keying in the first letter(s) of the file name. By pressing the arrow buttons, the correct file can be located by scrolling down or up.

It is possible to transfer design files in Müller *.UPT format or BONAS files in *.EP format.

“Internal” version as a replacement for old floppy disk drives

The UNI-NETWORK interface is plug compatible with the already installed floppy disk drive and can be secured with the same screws.



Internal UNI-NETWORK interface for UNI controls

The following machines can be retrofitted with this device:

MÜGRIP MBJ3, MÜGRIP MBJ3.1, MÜJET MBJL1, MVC2, NFJM2, NFJK2, V5J, V5MJ.



Old device that is replaced by UNI-NETWORK interface.

Assembly

The new device is both plug and assembly compatible and its installation requires no special knowledge.

“External” version for older machines without a floppy disk drive

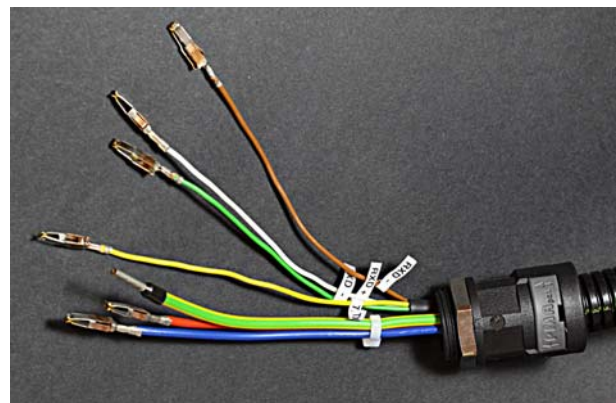
The device has a sealed metal housing and is fitted with a magnet for attachment to the control box. The attached cable is fitted with crimp contacts for easy connection to the sockets of the UNI control system. The following machines can be retrofitted with this device:

MBJ1,2, MVC1, NFJM1, NFJK1.

Should a machine still be using a MÜDATA3, this must be replaced by a MÜDATA4 with updated EPROMS.



External UNI-NETWORK interface for UNI controls



Cable ends with crimp contacts for connection to the control box

Assembly

The device is prepared in such a way that it can be connected directly to the control system on a permanent basis.

Using the enclosed instructions, customers can complete the exchange of the device.

The Jakob Müller Group

Müller researches, develops, engineers and manufactures top technology – from individual subsystems to entire system solutions, including program-

ming, warping, weaving, knitting, dyeing, finishing and making-up of narrow fabrics, webbings, labels and knitted goods.

Application areas

- Clothing
- Underwear
- Sports/leisure wear
- Footwear
- Furniture/household textiles
- Medicine
- Transport
- Conveyors and drives
- Electronics
- Building electronics
- Field technology

Narrow fabric weaving and make-up

- Product range for producing all narrow fabrics
- Complete machine range for warp patterning with dobby or jacquard shedding
- All-embracing system solutions:
 - warping
 - pattern creation
 - narrow-fabric weaving
 - dyeing and finishing
 - photo-optics quality inspection
 - winding, spooling, rolling and layering narrow fabrics
 - Making-up narrow technical textiles

Narrow-fabric warp knitting with weft insertion

- Complete machine range for:
 - knitted goods from very simple to extremely complex designs
 - virtually unlimited repeat lengths
- Patterning versatility and unexcelled flexibility
 - proven Müller compound needle technology for runproof products
- Top output capacities:
 - greater knitting width
 - top running speeds

Label weaving

- Complete system solutions developed specially for label production:
 - pattern creation
 - label sampling
 - label weaving
 - label cutting and folding
- Systems for labels with woven or cut edges
- Machines with highest speeds and minimum space requirement (needle, rapier and air technology)
- Product range to satisfy all qualitative and quantitative requirements

Your benefits as Müller customer

- Technology from one source where the emphasis has been on nothing else than narrow fabric manufacturing equipment for more than 110 years.
- Collaboration with a supplier employing over 1000 people exclusively in the production of tape and narrow fabric machinery.
- System solutions for your entire production – all from one source, one partner.
- Machines of robust, compact design, engineered to embody the latest technological advances.
- Low-maintenance systems with long life and good resale value.
- Worldwide sales and service network with more than 70 bases. We are always close to you.
- The Jakob Müller Institute of Narrow Fabrics is a centre for basic and advanced training, disseminating sound know-how on Müller products, as well as the design and production of textile products and industrial management.

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Fascination of Ribbons and Narrow Fabrics Innovation in Machinery

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