

## The narrow fabrics industry's digitalization portal



Today's market environment requires flexible, fast and secure exchange and access to data at all company levels – worldwide. The production data management plays an important role here.

Digitize your weave room and gain performance and efficiency – Your gateway to the world of Industry 4.0, the Fourth Industrial Revolution and the Internet of Things (IoT).

▲ THE NARROW FABRICS INDUSTRY'S DIGITALIZATION PORTAL

**mymuenet<sup>®</sup> basic** is a browser based production data acquisition system with direct access to the machine controls. The system offers unique data monitoring and communication in a global framework:

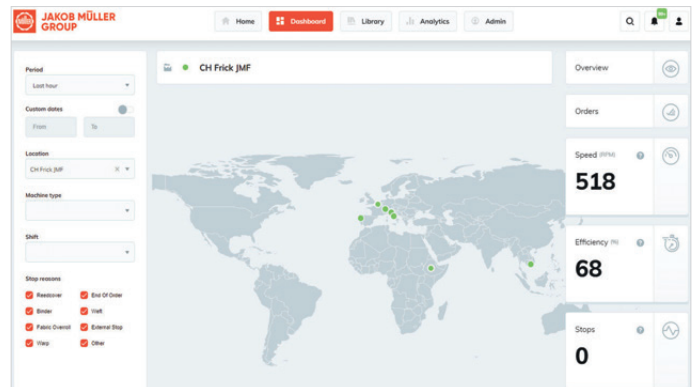
- Worldwide production data monitoring with detailed production data information to plan and to organize the order procedure in order to set the right priorities and to gain efficiency.
- Quick and clear visualization of production data information via dashboard for each machine to speed up interventions. Individual configuration of dashboard for specific evaluations and analysis according to individually defined key indicators.
- Setting the right production parameters in terms of thresholds management to always run the machines with the utmost performance and efficiency. Alarm

functions indicate when an intervention is required, which considerably reduces the machine downtime.

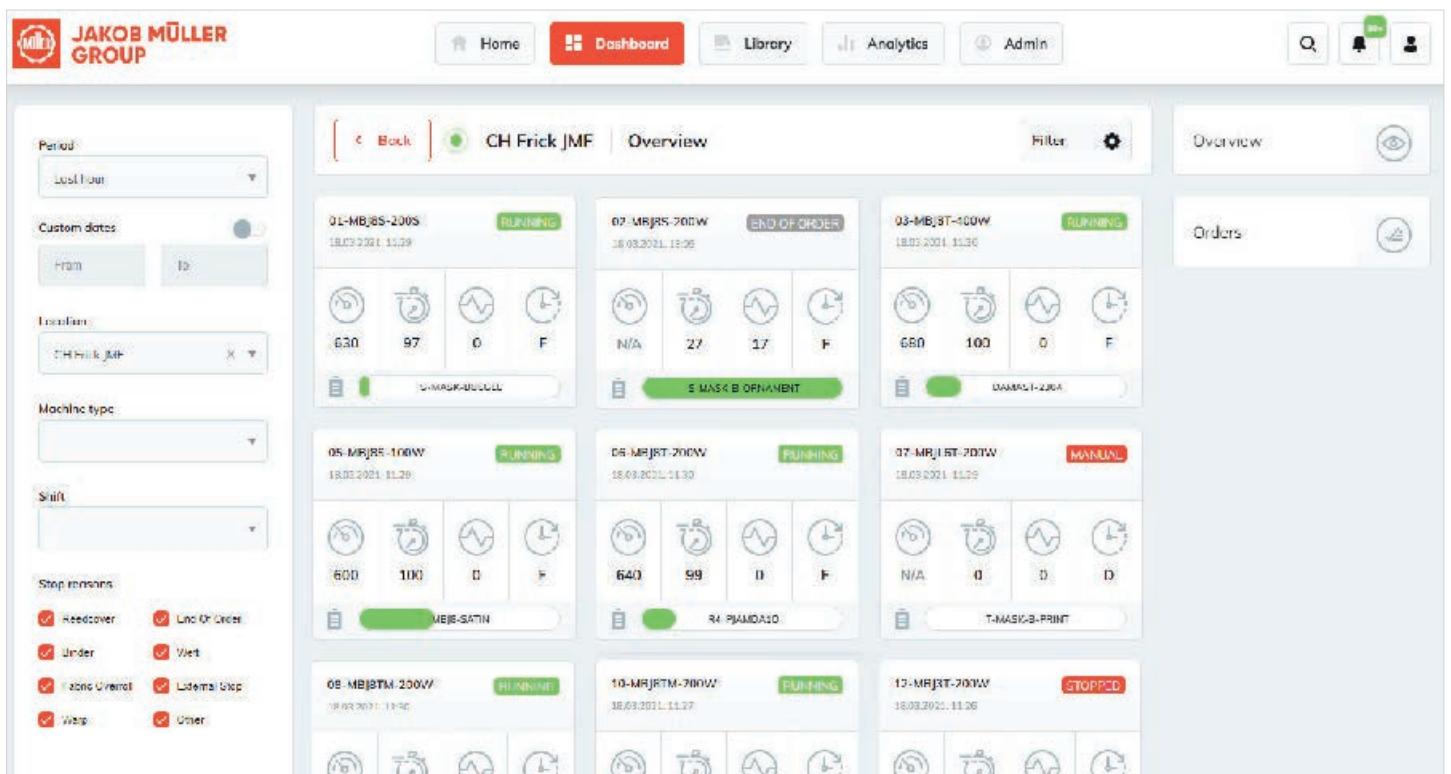
- Sending messages straight to the machine to inform machine operators without wasting time about, e.g. article changes / modifications or order updates.
- Increasing efficiency through a drill-down approach i.e. by providing appropriate and relevant information on each working level – from high level management information down to detailed machine level information for operators.



**mymuenet<sup>®</sup> basic** can be operated via PCs, tablets and smartphones.



▲ Dashboard



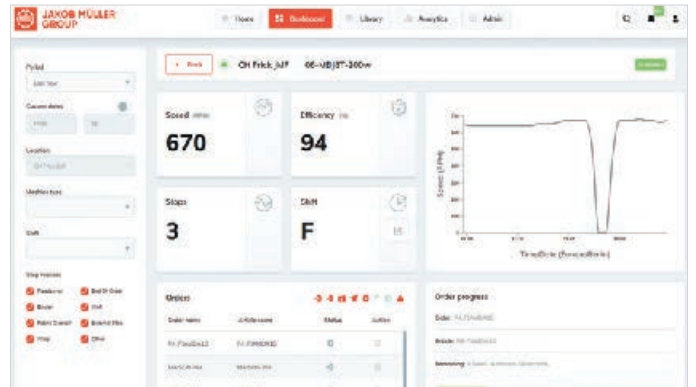
▲ Machine Overview

## mymuenet® order management

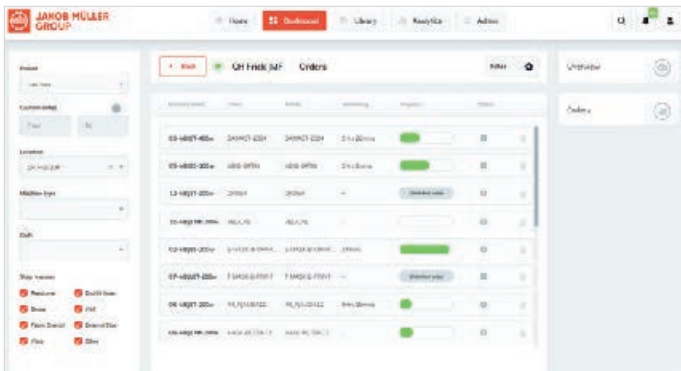
The add-on module **mymuenet® order management** provides extended functionality of **mymuenet® basic** with regard to order planning and article management:

- Simplifying and accelerating the production planning by providing a transparent overview on current orders with remaining order run time on each machine on a global scale.
- Know-how protection by managing the article / pattern library in a central storage environment. Patterns to be sent straight to the machine. No uncontrolled circulation / usage of patterns – USB sticks become superfluous.
- Full and transparent pattern / article information with the option to add article ID: picture of pattern, machine setting protocol, draw-in plan and article thresholds – all relevant article data available in only one file.
- Increasing efficiency by integrating the full process starting from library via article ID to pattern editor with functionality, production data screening and the order transfer to the machine.

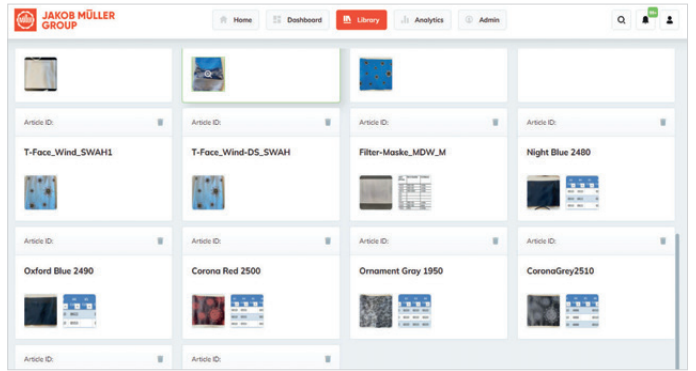
- Sending patterns / orders from anywhere in the world to machines in various locations around the world in a protected network to reach the best possible capacity utilization and to serve your customer in the shortest possible time.



▲ Current machine orders



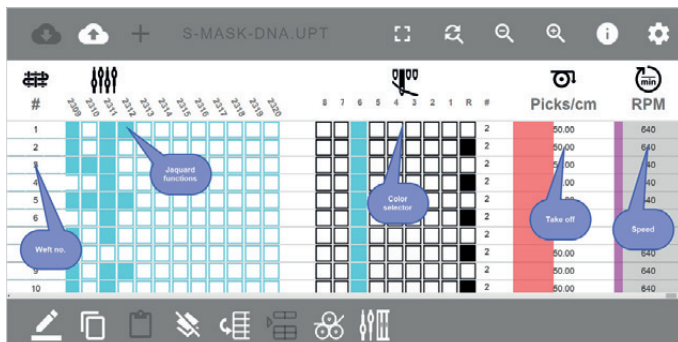
▲ Order progress



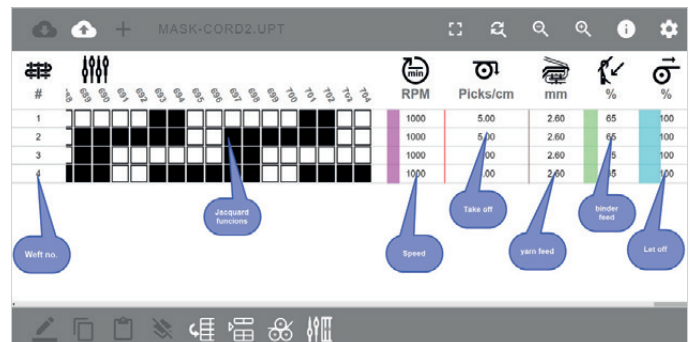
▲ Library

## mymuenet® editor

The add-on module **mymuenet® editor** provides extended functionality of **mymuenet® order management** with regard to the creation or correction / modification of simple, shaft patterned articles.

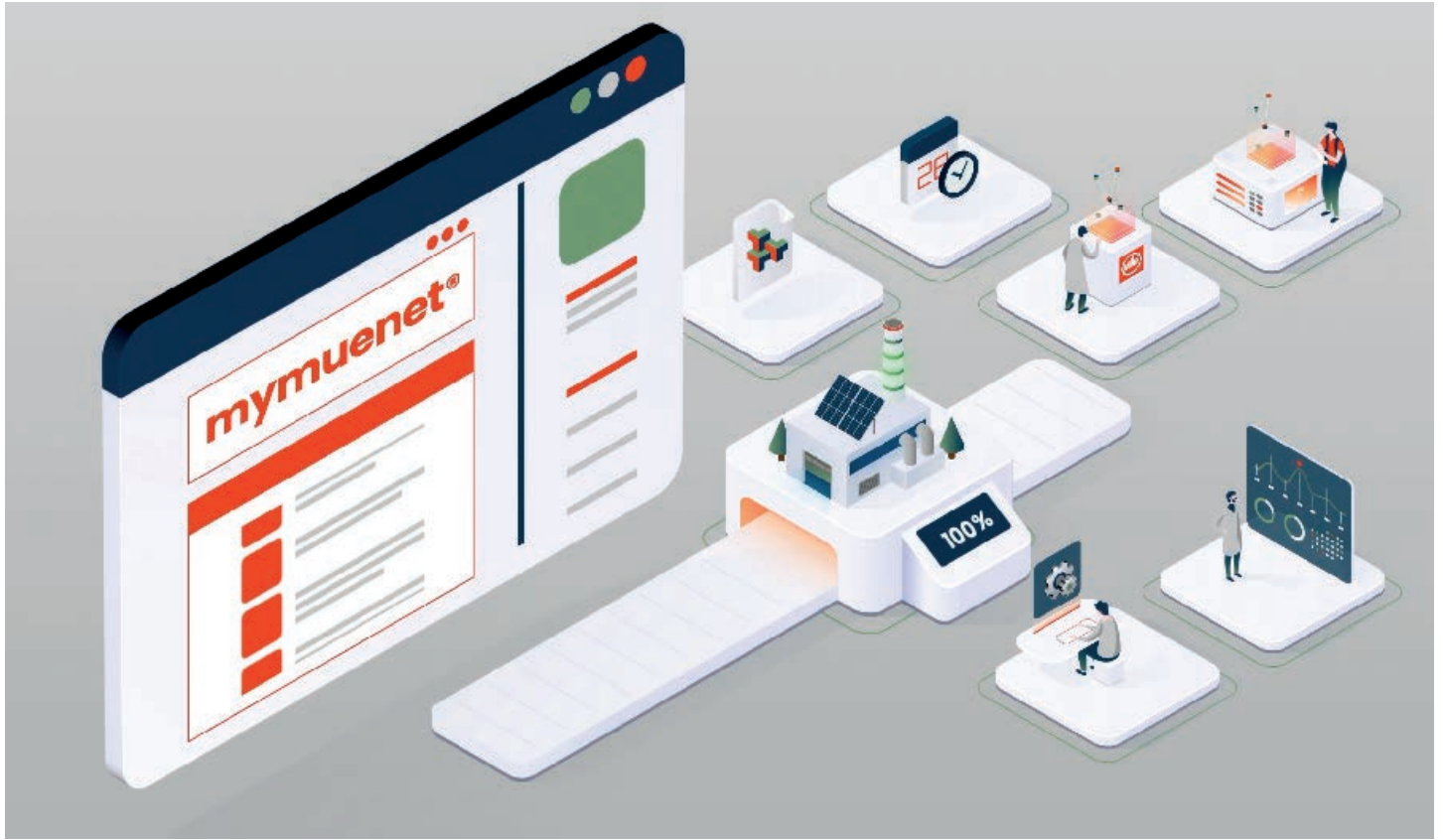


▲ Pattern editor



## mymuenet® interface

The new **mymuenet® interface** is used to transfer machine data from the mymuenet® Cloud to ERP / MES systems. The Ethernet-based communication standard OPC / UA is used as the gateway.



▲ Seamless Integration Process

## SYSTEM PREREQUISITES

mymuenet® is a browser-based software application with which weaving machines can be managed, i.e. controlled and evaluated. The product requires a server, a web browser, the “MÜNENET CONNECT” data gateway as well as a network connection to the weaving machines.

	Machine generations already prepared for mymuenet®	Machine generations that can be linked to mymuenet® via a “UNI network module”
<b>Label production systems</b>	MBJ8, MBJ6.1, MBJ6, MBJL6, MBJ5, MBJL2, MVC5	MBJ3, MBJ3.1, MBJL1, MVC2, MBJ1, MBJ2, MVC1
<b>Narrow fabric weaving systems</b>	NFM, NFMJ, NF...ED, NH2, NH2 2/130, NHJM2	NFJM2, NFJK2, NFRE, NF SNO...B-ELS, NFJM1, NFJK1 V5J, V5MJ, NC2JM, NCE SNO...B

Connection of further machine types to follow.

Copyright © 2022 by Jakob Müller AG Frick  
5070 Frick Switzerland

Printed in Italy. All rights reserved.

No part of this publication may be reproduced by any means, nor translated, nor transmitted into a machine language without the written permission of the publishers.

This leaflet contains photos and technical data for information only, without contractually engagement. Subject to change without notice.

## Fascination of Ribbons and Narrow Fabrics Innovation in Machinery

Rep.:



**Jakob Müller AG Frick**  
5070 Frick, Switzerland  
Tel +41 62 8655 111  
www.mueller-frick.com

