

# Machine operation gets close to 'child's play' with the Monforts Qualitex 800

The latest Qualitex 800 control system from Monforts is available on line to make operation of the company's finishing machines 'child's play'.

Access to the internet is turning everyone into an instant handyman and when a job around the house needs doing, YouTube is the place to go to for demonstrations and instructions from experts, just as Wikipedia has become the default source for information. Previous obstacles to knowledge such as language and access to specialist manuals are fast disappearing as a result.

The same instant connectivity and easy distribution of know-how is changing the face of industrial manufacturing, making the operation of complex machinery much simpler and cutting down the required training periods, while at the same time, reducing the chance of human error.

This is certainly the case with the latest Qualitex 800 control system which has been introduced by Monforts to make operation of its finishing machines as close to 'child's play' as is possible.

This highly advanced system is available for the automatic and continuous operation of the company's Montex stenters, Thermex and E-Control continuous dyeing ranges, Monfortex and Toptex shrinking systems and Eco Applicator and

texCoat coating units.

## Familiar features

The Qualitex 800 has all the intuitive features operators will be familiar with from touchscreen smart phones and tablets to make navigation extremely easy and cut down the time required for becoming familiar with the system.

Operation is via touchscreen and wheel effect selection and the dashboard can be individually configured to meet the exact needs of an operator's tasks.

All parameters for setting up a machine – the working width, the chamber temperatures, drive selections and energy settings – can be pre-selected to a comprehensive range of stored and well-proven recipes specific to the weight, construction and fibre content of the individual fabric being processed.

The machine can then be set to 'Monformatic Mode' to allow it to operate automatically, based on maximized pre-set values in respect of parameters such as machine speed, fabric dwell time and the fixation temperature for specific finishing operations.

A series of checks and balances has been built in for both the machine and the operator, with actual performance constantly compared to the pre-set values and compensatory measures introduced either automatically or by simple manual intervention.

All machine parameters are stored for further evaluation and the creation of historic trend charts and any potential problems are flagged up by instant alarms for later performance analysis.

If a problem occurs that is serious enough to lead to a potential downtime in production, more help is at hand via the Monforts Teleservice portal. With this service, companies can enter into internet conferences with Monforts specialists in Germany, with video, audio, chat or whiteboard problem solving available, and all documentation in respect of operation, maintenance and wiring diagrams can be accessed.

If necessary, the E-CAD drawings and the spare parts catalogue can also be remotely consulted and a camera can be called up at any time for remote visualization of the individual machine and its parts.

## Cost comparisons

The Monforts Teleservice also allows operating data to be acquired for historic analysis and production batch comparisons, with a nine-parameter cost breakdown allowing mills to carry out highly accurate financial forecasting and keep a tight rein on costs.

With the Qualitex 800 and Monforts Teleservice all data and communication can also be accessed away from the mill too, via common mobile devices, as components in an overall service intended to very rapidly and efficiently turn machine operators into experts and allow for uninterrupted, trouble-free production. ♦



# German Technology meets US and Mexican textile industry



**The VDMA Textile Machinery Association has just published demanding and comprehensive programs of its B2B Forums & Conferences, which will be held in Charlotte (NC) and Mexico City in November. The programs are available at [www.germantech-ustextile.de](http://www.germantech-ustextile.de) and [www.germantech-mextextile.de](http://www.germantech-mextextile.de). Industry experts from the VDMA member companies will present practice-oriented technology topics to decision makers from the local textile industries.**

## German technology meets US textile

For the conference in Charlotte, taking place on November 6 at the Sheraton Charlotte Hotel, three parallel sessions are scheduled: Textile Machinery and components for the fiber and yarn industry, nonwovens and technical textiles industry and apparel, home textile & carpet industry. The sessions will feature application-oriented technology presentations from the following 25 VDMA member companies:

**A. Monforts Textilmaschinen, ANDRITZ Kuesters, Autefa Solutions, Brueckner Textile Technologies, DILO Systems + TEMAFA, Lindauer DORNIER, Erhardt+Leimer, GROZ-BECKERT, Interspare, KÖRTING HANNOVER,**

**MAHLO, Karl Mayer, Neuenhauser Maschinenbau, PLEVA, Reseda Binder, Georg Sahm, Saurer Components (Saurer Temco), Sedo Treepoint, Textechno Herbert Stein, Thies, Truetzschler, Welker Vakuum, Oerlikon Textile (Barmag and Neumag).**

## German technology meets Mexican textile industry

The program in Mexico City will cover two days, November 8 and 9. Location is the Hilton Mexico City Santa Fe. Content scheduled for 8 November is: Textile machinery and components for the apparel and home textile industry.

On November 9, there will be two parallel topics: Textile machinery and components for the fiber and yarn industry and textile machinery and components for the nonwovens and technical textiles industry.

The following 29 VDMA member companies will present their latest technologies for the benefit of the Mexican textile industry:

**A. Monforts Textilmaschinen, Allma Volkmann Zweigniederlassung der Saurer Germany, ANDRITZ Asselin-Thibeau, Autefa Solutions Germany, Brueckner Textile Technologies, DILO Systems + Temafa, Erhardt+Leimer, Groz-Beckert, Georg Sahm, Interspare, Jakob Mueller, Körting Hannover, Mahlo,**

**Mayer&Cie., Karl Mayer, Neuenhauser Maschinenbau, Oerlikon Textile (Barmag + Neumag), PLEVA, Reseda Binder, Saurer Components GmbH Branch Hammelburg, Schlafhorst branch of Saurer Germany, Sedo Treepoint, SETEX Schermuly textile computer, Textechno Herbert Stein, Thies, Truetzschler and Welker Vakuum.**

Interested decision makers (e.g. Technical Management, Production Managers, Quality and Maintenance Managers, Mill Owners) from the textile, nonwoven and carpet manufacturing industries along the entire textile chain are requested to register under these links: [www.germantech-ustextile.de](http://www.germantech-ustextile.de) and [www.germantech-mextextile.de](http://www.germantech-mextextile.de)

Each registrant will be checked and approved. A few weeks prior to the events, the approved registrants will be able to pre-arrange B2B meetings with the experts from the participating VDMA member companies, their subsidiaries and agents via the above-mentioned websites. There is no registration fee for visitors.

Whereas these events will focus on customers, the training session at the Instituto Politécnico Nacional (Escuela Superior de Ingeniería Textil) in Mexico City on 10 November 2017 will focus on future engineers. ♦