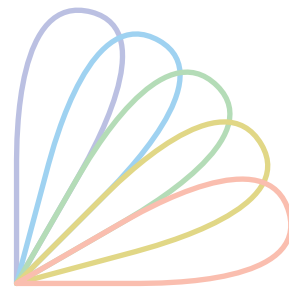# ProCad

Version 3

Professional Raschel Office

The Tool for Professionals
- ProCad now available in more languages!
  (German, English, French, Italian, Japanese, Chinese)
- Creation of several designs in parallel
- Motif libraries
- Optimized documentation for your designs
- Synchronous display of a range of separate windows (Overview, Detail View, Simulation)
- Online simulation

The only officially licensed software for Karl Mayer machines

KARL MAYER

TEXION
Software Solutions

ProCad Version 3 The Tool for Professionals

Graphic systems are well-established tools in professional textile design. Our high-end product ProCad is the perfect tool for processing Jacquard-Raschel designs for machine production. ProCad features a highly effective and user-friendly interface and provides the high processing speed required in today's professional ateliers.

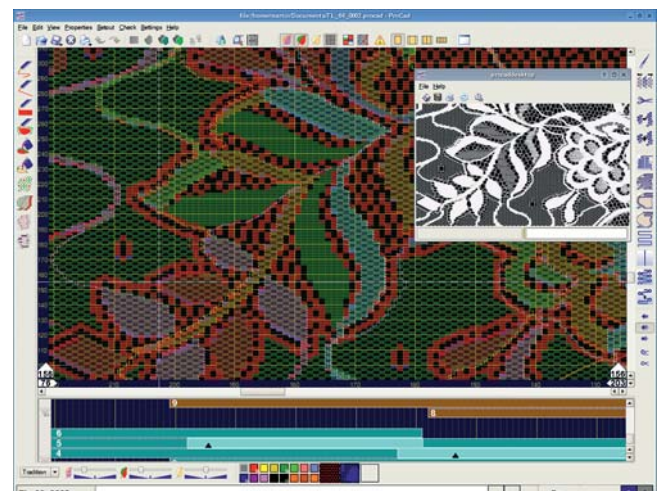## Who can benefit from ProCad?

Ateliers seeking a competitive edge by providing customers with a complete package: ready-to-run machine production data starting from pattern designs.
Ateliers wishing to profit from the time-saving economies realizable through application of ProCad in the production of control data for fabric manufacture.
Ateliers looking for a first-class tool for quality assurance.

TEXION has not only been responsible in the development of machine control systems for Karl Mayer GmbH, the largest manufacturer of warpknit lace and curtain machines world-wide: ProCad has been developed expressly for Karl Mayer GmbH. Our users thus have the guarantee that ProCad provides absolute compatibility to all generations of machines produced by Karl Mayer. The only software tool officially licensed by Karl Mayer world-wide is ProCad.

Since the market launch ProCad in the eighties, TEXION has continued to upgrade the tool, working closely with users so that the functions and options provided by ProCad are able to match the ongoing requirements of users.

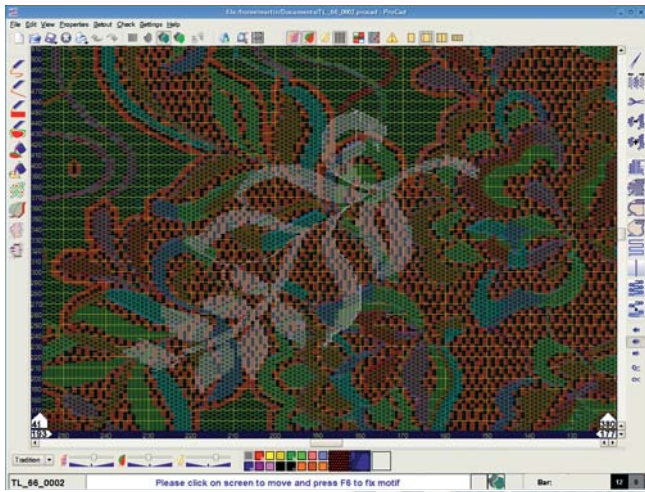## The Easy and Fast Route to Professional Products

ProCad developer, ProCad simulace, ProCad simujac, ProCad yarn, ProCad velours, ProCad warpknit. These are the modules of ProCad, enabling A-to-Z processing of multibar, Jacquardtronic and velours designs suitable for all machines produced by Karl Mayer.
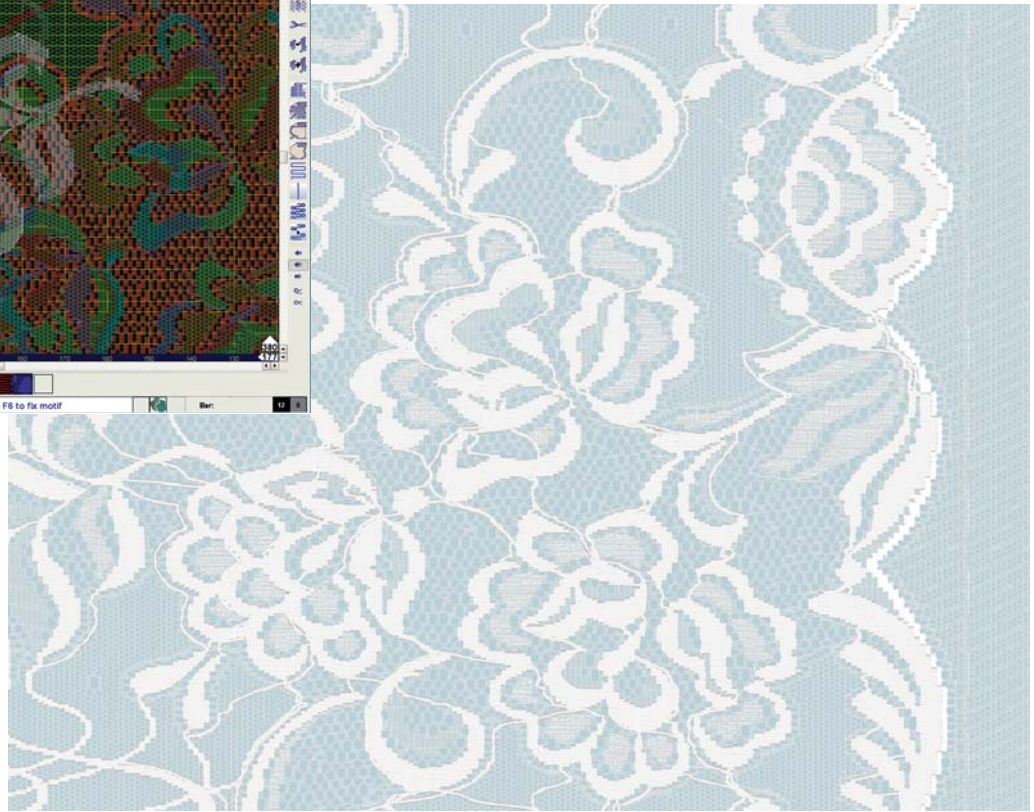
Jacquard and multibar designs can be processed ready-to-run easily and rapidly. Draft designs can be scanned into ProCad or CAD data (preferably DesignScope®) imported to ProCad. Designers have at their disposal a whole raft of useful options for processing their designs, all with user-friendly accessibility via graphic buttons, pull-down menus and hotkeys. The integrated yarn database (ProCad yarn) can be configured, installed across a network and updated according to designers' individual requirements. When a yarn is included in a design file, the corresponding yarn data are saved as an integral part of the design.

There is a familiar problem which arises due to pulling effects encountered when creating designs including both Jacquard and multibar threads for multibar Raschel machines equipped for Jacquard. Via preselected values, designs can be checked for collisions, overlaps, and shog movements at the press of a button. Errors are detected immediately, marked graphically in the design and described in easy-to-follow error messages.

ProCad eliminates machine down-times and interruptions to production. Via application of ProCad simulace (or ProCad simujac, according to process) users can produce a photo-realistic simulation of the final product. No need to produce the "actual" fabric:

Alongside the option of modifying single chain links, entire motifs can be copied and assigned to bars via thread assignment schemes.

ProCad enables you to view the effect of the final product showing the entire ground effects and the transitions between motif and ground. Lace fabric simulations are ideally suitable for customer demonstrations, as well as becoming part of your design archive. Every article in stock is thus unmistakably identifiable and reproducible via archive data.

Version 3 – New and Interesting Features
The current update, Version 3 provides more features to ensure user-friendly and reliable operation of ProCad.

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Service world-wide
Our service network covers the entire globe. This ensures that customers world-wide remain in touch with expert service partners, able of dealing with all the needs and wishes users may have. Seminars, hotline, update service, and consultation including regarding production technology, are part of the package on offer.

ProCad developer

- User-friendly processing and display of Multibar and Jacquardtronic patterns
- Fast realization of patterns
- Fool-proof pattern testing with tabular and graphic evaluation
- High-performance tools
- Authentic print-outs

ProCad yarn

- Unified administration of yarn database
- Definition of colors and color schemes
- Detailed yarn properties for realistic lace simulations
- Yarn lists complementing design pattern documentation

ProCad simulace

- Simulation of Multibar and Jacquardtronic lace
- Color schemes to individual requirements
- Photo-quality presentation
- Wide range of applications for analysis and marketing

ProCad warpknit

Processing and administration of warpknit patterns
Easy pattern access via sophisti-cated filtering functions
Extensive sample documentation
Comprehensive administration tool applied right through the entire production process

ProCad velours

- Cost-saving pile pattern develop-ment
- Flexible handling for design, threading, pattern notation yarn and colors
- Fool-proof pattern testing with tabular and graphic evaluation
- Simulation of finished products
- Sophisticated automatic calcula-tion functions

TEXION Software Solutions

TEXION Software Solutions
Rotter Bruch 26a
52068 Aachen, Germany
Phone +49 241-475757-0
Fax +49 241-475757-29
info@texion.eu
www.texion.eu

EAT GmbH The DesignScope Company
Industriering Ost 64
47906 Kempen, Germany
Phone +49 2152-2007-0
Fax +49 2152-519986
www.DesignScopeCompany.com