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Graph

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# StylGraph

## SPECIFICATION SHEETS and DESIGN

StylGraph 2000

Having a creative idea and being able to quickly materialize is made easy with the use of STYLGRAPH DESIGN, the user friendly graphic and textile design software. The databases and the vector design functions are here to enable you to manage your collections and to help you make them even more effective. STYLGRAPH DESIGN helps you work more efficiently and raise your company's productivity. Your specification sheets will be edited in record time, which in turn speeds up development time and product output, ensuring complete interactivity between your outside partners and all the departments involved between the sampling and the manufacturing stages.

All your requirements in terms of graphic tools are available within STYLGRAPH to make the process of technical specifications documents speedier and easier: vector drawing, curved and round points, stitch lines, grids, colour ranges, data bases of designs, fabrics, motifs, weaves, dressmaker's dummies, sewing instructions, as well as size charts relating to a particular garment or a client.

## FABRICS and COLOURS

StylGraph

This module is tailor made for fabric and knitwear design, working on existing or newly scanned materials. Extraordinary graphic functions are available for quick repeats and creating transparent colours. This helps when testing colour combinations or colour ways on a new range of designs.

Collection management is completed by automatic cross-referencing of colours to the Pantone textile range which helps in colour combinations, making communications smoother with sub contractors and partners, rationalizing communications between all parties.

# Main design functions

**VECTOR DRAWING:** design can be done with vector tools or by free hand. STYLGRAPH gives you the control to modify, adjust, duplicate, draw by symmetry and to quickly generate new designs.

**DESIGN WITH 3D EFFECTS:** you use your databases in order to find your desired shapes and volumes. 3D grids are then applied to give your model to make it look real.

**ADDING BRAIDING AND STITCH LINES:** Still working from your data base by scanning or vector drawing, you can now visualize braiding, laces, and all other accessories.

**TEXTILE DESIGN:** The choice of the right fabric is a top priority, which is why STYLGRAPH helps you create your textiles from databases and enables you to experiment with your own variations and to easily express your ideas.

**AUTOMATIC COMBINATIONS OF FABRICS AND COLOURS:** combine your colours and your textures with pre-defined selections, enabling you to chose your colour ranges.

**HUGE AND DIVERSIFIED LIBRARIES:** The databases are made up of models to scale for menswear, womenswear, childrenswear, fashion and others (workwear, safetywear, sportswear, etc.) different types of fabrics (knitwear, weaved, etc.), accessories, sewing instructions, stitch sketches, washing instruction sketches, and size charts. These databases are personalised to the user's requirements according to new creations, they are intuitive and simple to use.

**SPECIAL EFFECTS AND WEAVES:** STYLGRAPH also incorporates databases with visuals effects of shades, ruffling, creases, etc.

**SAVING AND RETRIEVING FILES:** specification sheets and storyboards as well as their spin-offs can be saved on file using a one and only reference. Each file can be viewed as a slideshow which enables to make the finest presentations whilst generating precise and effective documents.

**COLOUR MODIFICATIONS:** STYLGRAPH enables you to quickly swap original colours on the fabric with new ones, to modify the dyeing, the light, saturation and contrast.

**GROUPING COLOURS:** having scanned the fabric, you will do a quick colour reduction with automated and interactive functions.

**COLOUR PALETTE:** Your colour palette will be displayed on screen automatically.

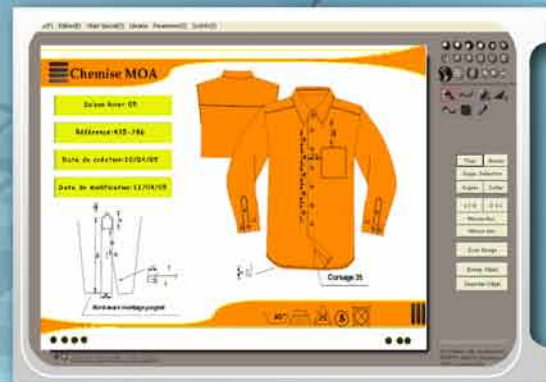
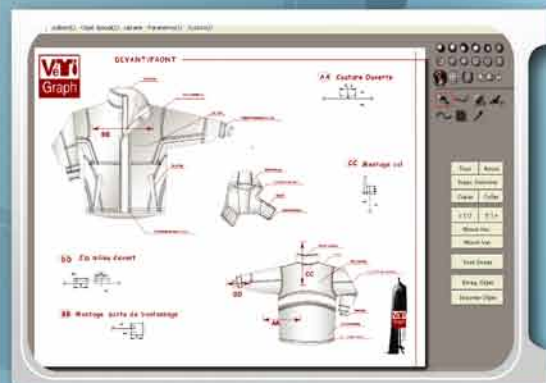
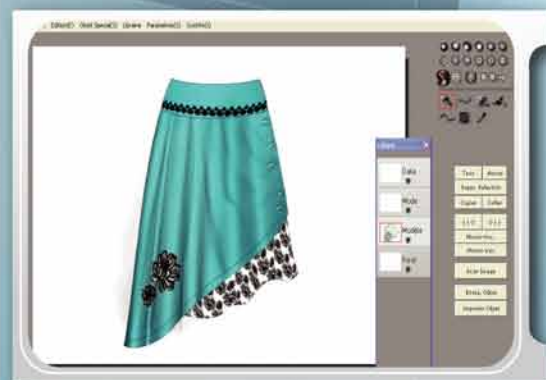
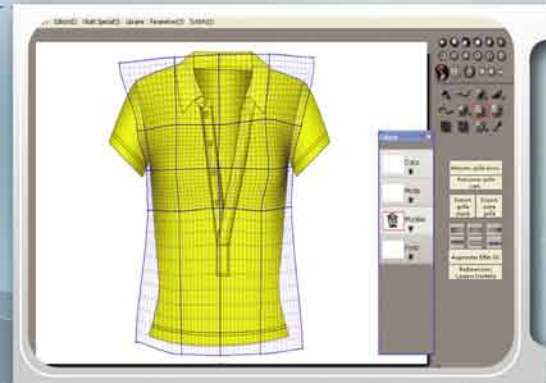
**COLOUR SEPARATION:** whilst you are creating your own fabrics, STYLGRAPH offers you the possibility of separating the colours and displaying them individually in order to make production decisions. After this separation, you can still make certain adjustments.

**COLOUR FINDING:** you will search the Pantone colours you require as well as their corresponding code and you will adapt the RGB and CMYK colours through an automatic search of similar Pantone codes.

**DRAPING MODULE:** you will complete your files with the draping on all you graphics creations and put the new range of fabrics on the models – you are transforming your 2D photos or designs into 3D images.

**KNITWEAR:** you define accurately the repeats and scale, the light, and modify easily the effects having draped the knitwear over the model.

**TRANSFORMATION:** equipped with all the right functions and simple to use, STYLGRAPH offers many possibilities to work with the notions of image volume in order to re-size, redraw and transform your basic images.



# Main design functions

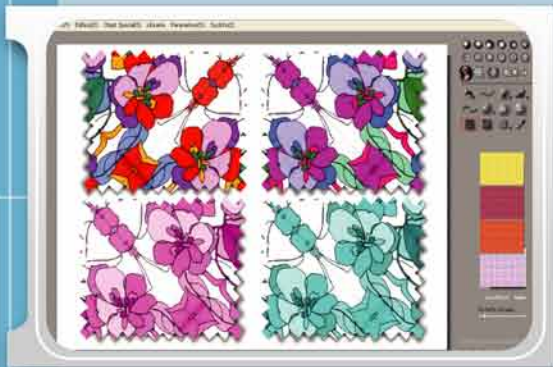


**VECTOR DRAWING TOOL:** STYLGRAPH is a vector based design system. Contrary to Bitmap drawing, vector drawing defines each object making up the drawing according to coordinates rather than with pixels. This helps when you wish to re-define dimensions of the drawing without losing its graphic qualities.

**MODIFICATIONS:** Each line can be modified, moved, duplicated, rotated, and drawn by symmetry at a mouse click. When the contour of the drawing is ready, colour pasting is quick and automatic.

**LINE TYPES:** several types of lines are available within the database: dotted lines, zigzags, overedging, etc. As with every STYLGRAPH databases, you can act upon each one of these components and save all the spin-offs.

**RULES AND TEXT:** You will complete your documents by including size quotations corresponding to a lettered size chart. These measurements can be shown to scale or be swapped for codes. Complementary manufacturing information can be added to the technical specifications, turning STYLGRAPH into a high level product for creative presentations and effective communications.



**WEAVING:** Textile design is carried out through the Pantone range to choose colours in warp and weft. Pre-defined or newly designed structures are used to display various effects: Jacquard, Dobby, Tabby, etc. Yarn and colour codes are matched when printing off a sample to scale in order to get an accurate impression.

**WEAVE / TEXTURE:** STYLGRAPH offers many enhanced features that enable users to display weaving (tartan, Vichy, prince of Wales, etc.) and to carry out real time simulations.

**LEATHER AND HIDE SIMULATIONS:** functions are available to adjust light, contrast, transparency, creating other factors simulating the effects of leather and fur.

**DIGITAL PICTURES:** you can scan images and also import digital pictures through STYLGRAPH's wide ranging tools.

**REPEATS WITH MIRROR EFFECT:** You can multiply a design by symmetry according to a vertical or horizontal axis and separate the motif in order to improve on repeat quality and to modify if there is any overlapping on the repeat.

**SHADES LACES, MARKER:** You will convert all types of images into a heliographic marker to make your designs and fabrics look more realistic. The shades will enable you to give your drawings a feeling of volume and movement.

**IMAGES AND NEGATIVES FILE EXPORTS:** STYLGRAPH will enable you to export your designs, fabrics and objects in standard file formats: .bmp, .jpg, .tiff, .psd, etc. In terms of production, this also means conversions directly to film format.

**STYLUS DRAWING:** the use of a multifunction stylus is offered as a tool to help accurately defining your colours, fabrics and designs. With our graphics solutions, you are better equipped to face the challenges in the competitive world of fashion and design. STYLGRAPH's first class functions designed to answer the needs of designers and product managers make it the ideal system for fashion design, lively presentations and graphic animations. The universal and standard format of all our CAD and design files make them easy to use in the transmission of data between your company and all your partners, whether they are clients or out-sourcing companies.

