

**Penelope Jacquard** is the most complete, versatile and user-friendly software to design all types of fabrics that use Jacquard technology, including terry.

It has been designed to make your work easier. It offers a powerful set of tools for each part of the fabric design process: from the creation and edition of the images and graphs, and the weaves and technical data application of the fabric, to the loom file generation and, of course, the best rated hyper-realistic simulation in the market.



The **Penelope Image** module offers all the required drawing tools to capture your creativity into an image or directly into a graph.



- **The color palette is customizable.**
- **Design with the colors of the yarns.** You can access the colorset so easily and use the colors of the yarns in the image and graph.
- **Create multidensity areas**, in warp and weft, directly from the graph without interrupting the design process.
- **Easily create and edit the multidensity graphs**, define areas, densities, sizes and the warp and weft sequences.
- Draw using layers. You can create layers from the image patterns or pasting them from the pattern library of your database.

- From the pattern library, drag and drop predesigned images and Penelope will **automatically convert the image into a graph** with the image parameters, keeping the proportion factor and with the most accurate details of the original image.
- Define the areas where you want to **apply the float cutting effect** and the float length and Penelope Image will do the rest.

Once the graph is ready, it is time to start with the technical work with **Penelope Jacquard**.

- **Browse the universe of colors, select the ones you require and create a colorset.** You can also add them by means of a colorimeter.
- **Create and edit** all types of yarns, plains, moulins, melanges, printed, and fancy effects such as xenille, slub, boucle, neps, etc.
- **How can I introduce my weaves?** Out of the box, Penelope Jacquard has more than 3,500 basic weaves that you can use to easily and automatically create collections of complex weaves depending on the article you are creating. You can also scan your own weaves and add them: only 3 clicks and they will be ready to be used in Penelope.
- **Create and edit the warp and weft layouts easily**, create degrade effects, define symmetries, group areas, add or delete yarns, fill areas, define identifiers with empty wefts.

- **Generate simulations of weaves** from base qualities and assign them to a fabric.



- **Assign weaves to a graph** by just dragging them from the database explorer and dropping them in the assignment table. Choose it within your collections of weaves that can be previewed as a list or in graphical format. You can also assign weaves automatically depending on the graph RGB from the simulations generated on a base quality.
- **The automatic float cutting tool** will enable you to eliminate all the imperfections at the graph borders.