

For Yarn Dyed and and Dobby Woven Fabrics

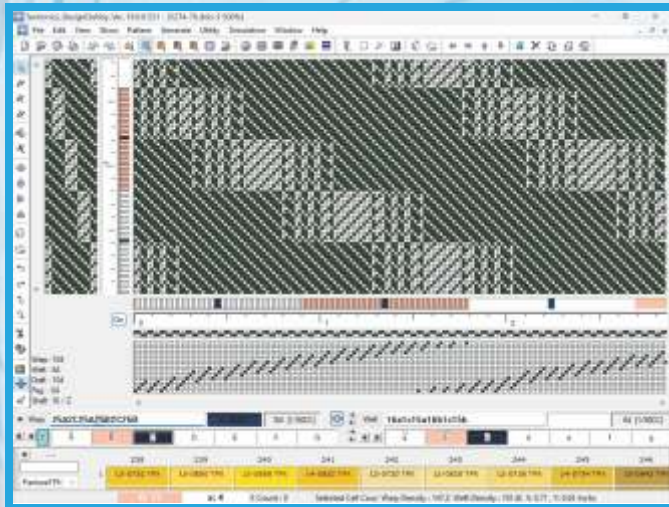
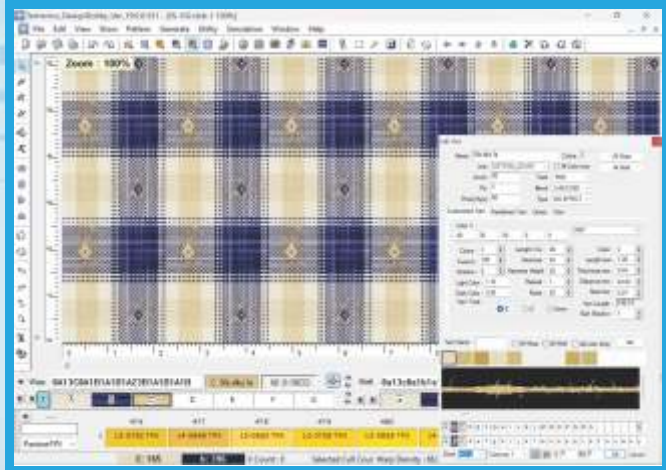
Weaver's delight, a comprehensive tool kit for the technically discerning and a very simple and powerful CAD system for the visualiser or weaving novice. Design Dobby handles weaves, yarns, patterns and construction parameters to instantly simulate realistic fabric on screen. Further it allows you immense flexibility to alter, try 'what if' scenarios in enhancing the concept you initiated

Yarn Development and Management

Designed for the ease of use and strong facilities, the Yarn Development Module creates all types of yarns such as - dyed, fancy, melange, slubs, loop, taspa, etc or combination of different fancy effects.

Different type of fibres, twist per inch and direction can be specified to ensure ideal simulation environment. Simple color controls to research the ideal match and also standard color palettes are accessible. The developed yarns can be visualised in real time for evaluation and interactive changes. Also fabric effect of yarn developed can be simulated.

The Yarn can finally be saved in an efficient yarn management library for easy retrieval and usage with count and cost parameters.



Weave Creator

Defining draft, peg plan can be done numerically or directly drawing on point paper. Simple to use cut, copy, paste, mirror tools etc are supported.

Weave book manages library of weaves and provides controls for creating complex weave structures by combining weaves.

Advanced auto weave generation facility provides for creation of different design effects within the same draft order while changing the Lifting plan. Auto weave insertion facility available for integrating dobby effects directly onto a design in ornamentation or extra warp mode.

Design Creation

Design patterns can be numerically specified VIDE Direct draw facility provided wherein patterns can be specified and scaled online. Weft pattern is adjusted automatically considering the EPI / PPI aspect ratio.

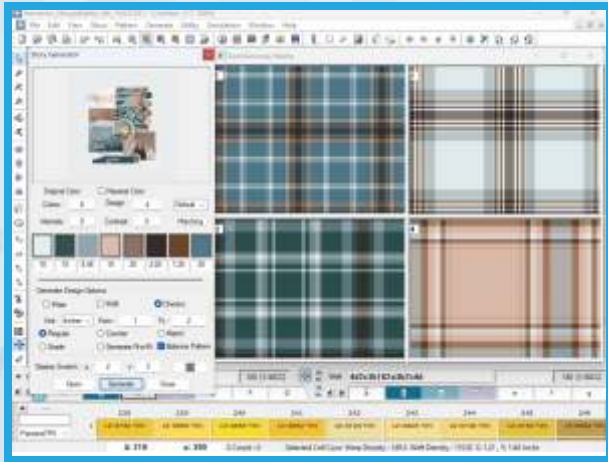
Drag and drop operation to specify warp and weft yarns. Simple and graphical user interface enables you to easily access all designing control and design creation seems a song.

Realistic Fabric simulation is generated instantly combining weaves, design patterns, yarns count and construction parameters defined.

A single design can save upto 50 colour variations of the same design enabling the users to create multiple design looks from formal to casual by just changing the colours.



Auto Design / Story Board



Story Generator enables the designers to explore different design possibilities at the click of a button.

The tool creates multiple designs based on Color, size and pattern style, thus allowing the designers to quickly experiment with various color combinations, pattern arrangements, and fabric textures.

The yarn percentages can be specified enabling Auto generation to be used for exhausting dead yarn stock.



Output



Finally Design Dobby Generates:

- Actual fabric printing with a host of customization options to create outstanding presentations in quick time.
- Multiple designs/matching can be arranged in the desired layouts.
- Custom waterfall effect for presentations.
- Face and back fabric simulations can be printed with real to fabric look.
- Custom designed production reports.
- Generate files for all types of looms, warpers etc.,
- Seamless flow of design data to SAP or any ERP system via custom integration.



Textronics is devoted to continuous development of CAD technology for the textile industry.

A competent technical support team and a development team ensures that your needs are catered to well in time and to your satisfaction.

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