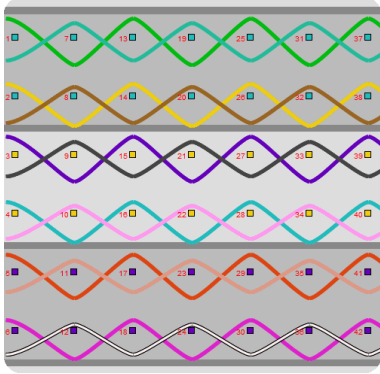
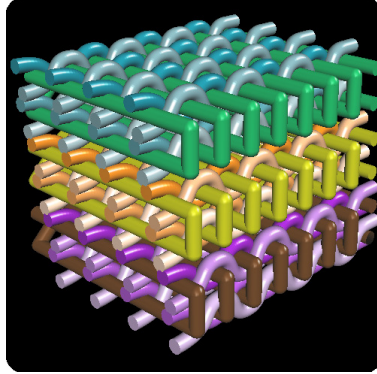


ScotWeave.

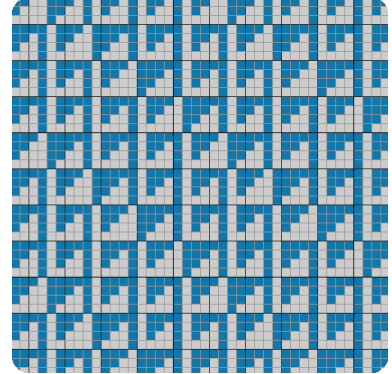
ScotCadTextiles



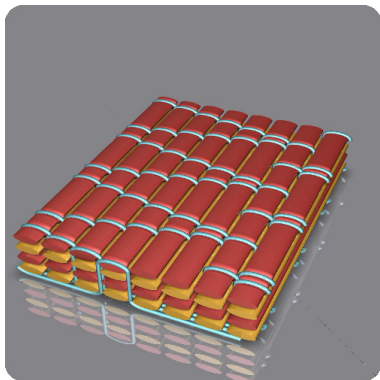
Cross Section



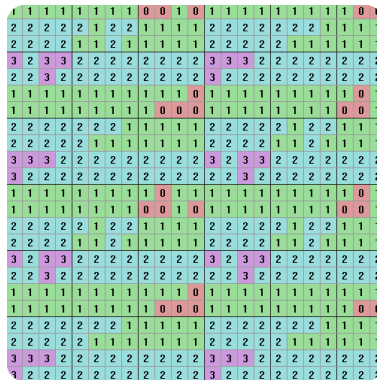
Continuous Wefts



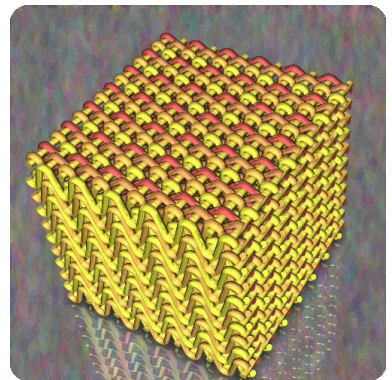
Weave Notation



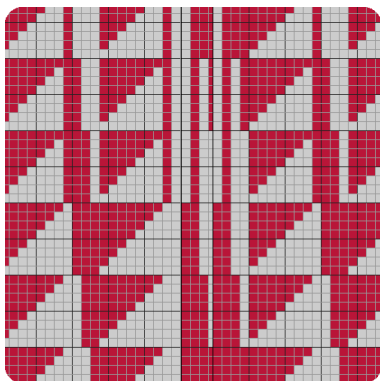
Yarn Visualisation



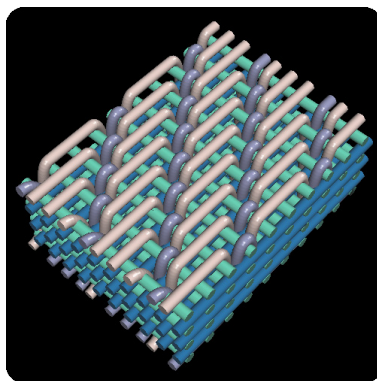
Staubli Bitmap



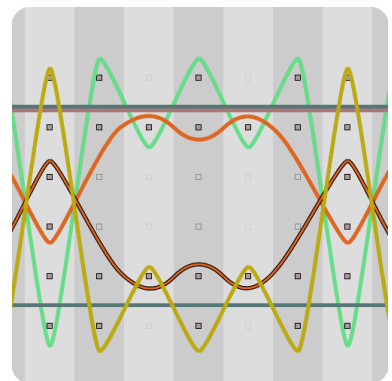
3D schematics



Loom Files



Orthogonal



Pockets of Space

Technical Weaver

Technical Weaver



Technical Advantage: ScotWeave Technical Weaver is tailored to meet the exacting requirements of technical textile producers and engineers creating industrial, commercial, medical and geo-textiles. Offering complete CAD-CAM software package for creating dobby or jacquard preforms where the structure architecture and performance is vital. ScotWeave caters for complex cloth layers containing stacking orders, stuffers and variable densities.



Yarns: Real yarn information including yarn count, fibre type along with the cross-sectional shape are incorporated for more accurate 3D weave schematics. Technical data including density and tensile strength can be input to allow future calculations.



Cross-Section: Creation of the most complex architectures are completed in the cross-section window, this allows easy sight of stacking weft tows, binding warps and straight stuffer warps as required to complete the structure. Copy/paste and other manipulation tools are available to allow easily build up of in-depth structures in XYZ directions.



3D Weaves: A 3D schematic allows access to the architecture performance with real time movement of the viewpoint allowing easier analyses. Ability to walk through the structure giving detailed views of individual tow travel. If pockets of space are utilised, wefts are easily removed from the stack to help visualise locations for the injection of resins etc.



Jacquard Looms: Direct output to control electronic jacquard machines for up to 32,000 hooks for Bonas and Staubli. Staubli; all JC formats available along with JC6 Unival and Bitmap shed height options. Easy conversion between different electronic jacquard formats and the ability to bring in a ScotWeave Dobby weave structure or a weave as a BMP image. All providing a smooth transition from CAD to CAM.



Bespoke software: At ScotWeave we understand that generic software may not match your needs so we offer a bespoke software service. We will create customised routines for ScotWeave technical Weaver to carry out specialised functions to create your unique structures easily and accurately. Cost based on individual projects.



Updates + Support: An ongoing warranty is available to ensure you stay up to date with software developments and support. Issues are dealt directly by the development team of highly experienced software engineers and textile design experts who know the ScotWeave software suite inside out. The software currently operates on any modern PC (Win 7 preferred) 4GB min.

Other ScotWeave Software Licenses available:



Dobby Designer: provides Draft/Draw plan, Peg/Chain plan and Weave with colour patterns.

Presentation for storyboard layouts, **Velvet Designer** for Dobby and Jacquard Face to Face weaving.

Jacquard Designer: for up to 32,000 hook designs with colour patterns, component weaves + link to looms.

ScotWeave.
ScotCadTextiles

www.scotweave.com
Email: info@scotweave.com

Tel: +44 (0) 1896 850473
Scottish Borders UK