

So powerful, it's simple!

CAD software for fabric cutting



FASHION & APPAREL



TRANSPORTATION
INTERIORS



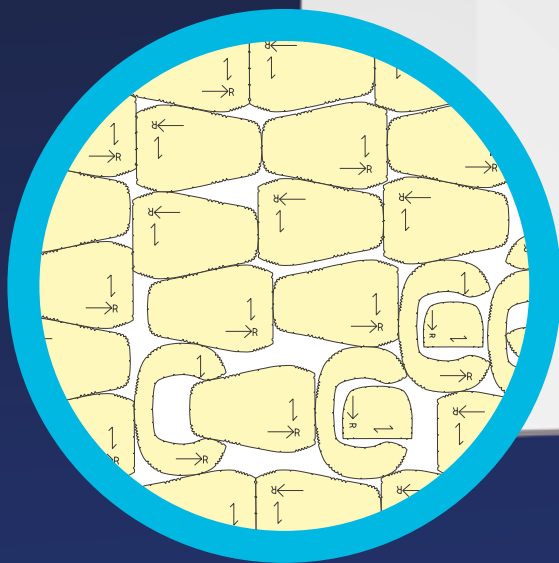
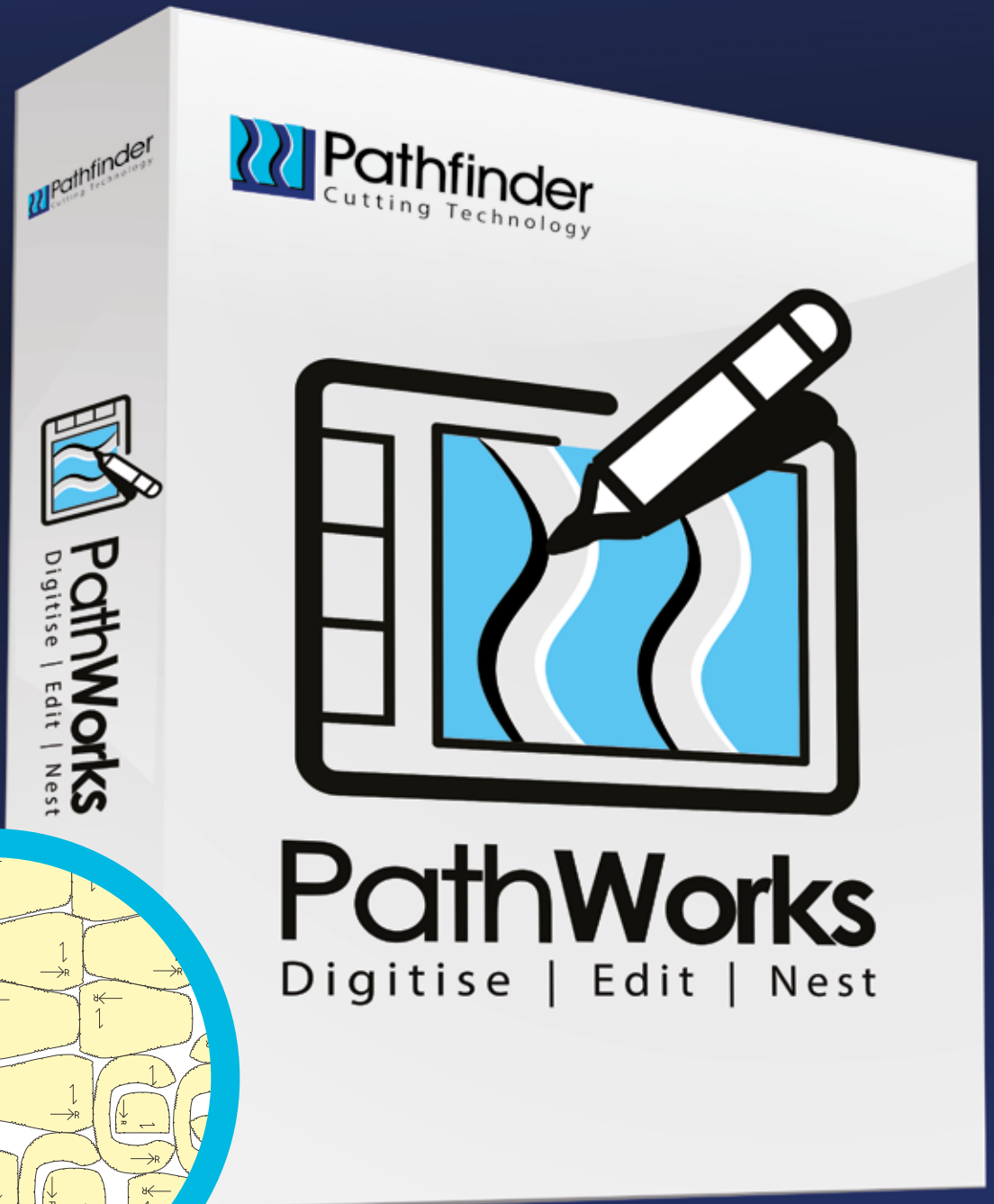
FURNITURE



LEATHER



COMPOSITES &
TECHNICAL TEXTILES



PathWorks®

CAD software for
high material yield

 **Pathfinder**
Cutting Technology

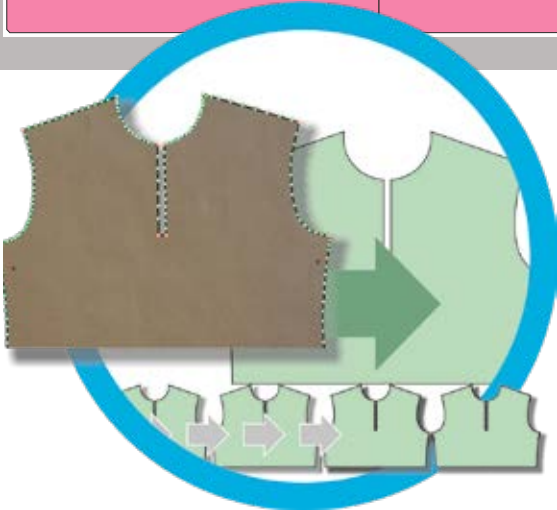
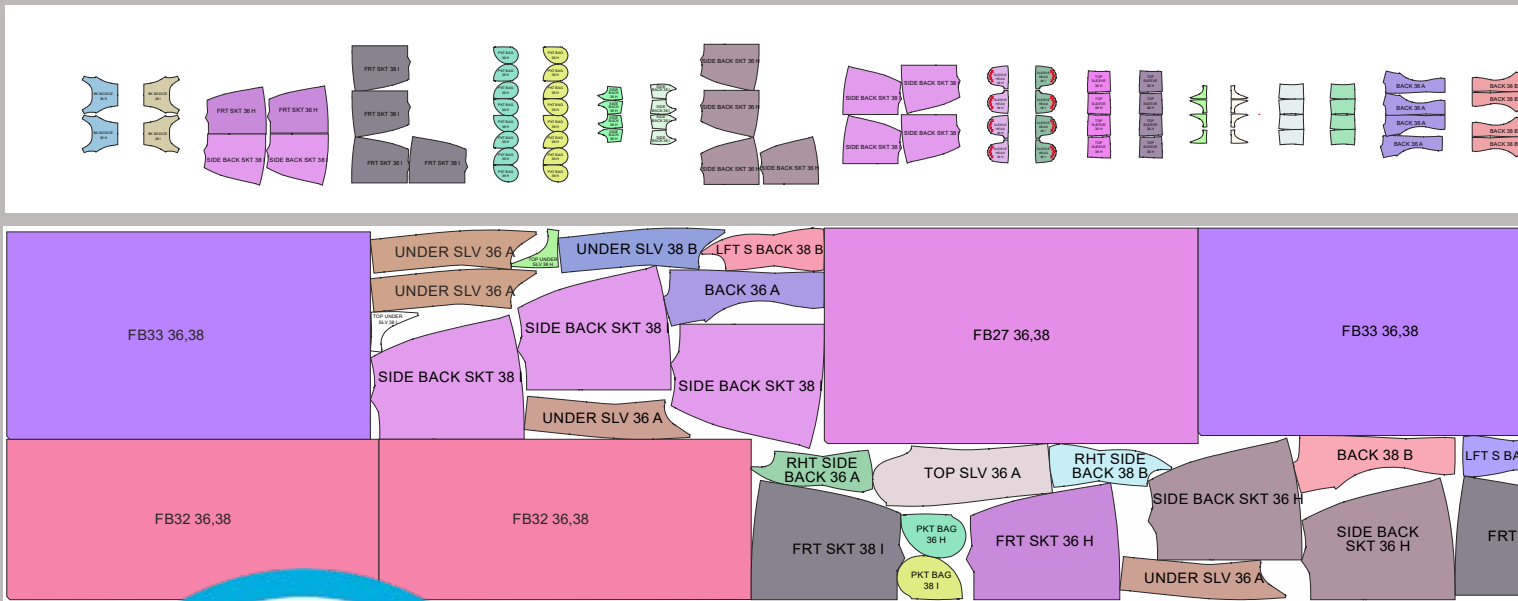


PathWorks® is a powerful CAD software solution for manufacturers working with flat patterns.

Integrated workflow from Pattern through to Cutting

As a manufacturer of advanced knife cutting technology, we understand what it takes to fully integrate the pattern room and cutting room. PathWorks® increases your profitability by reducing manufacturing lead time, increasing material utilisation and reducing operators skill level.

PathWorks®
Digitise | Edit | Nest



Nesting - Material Optimisation

PathWorks® offers four Nesting solutions.

- Magnetic Nesting
- Auto Nesting
- Sheet Nesting
- PhotoNesting

Magnetic Nesting

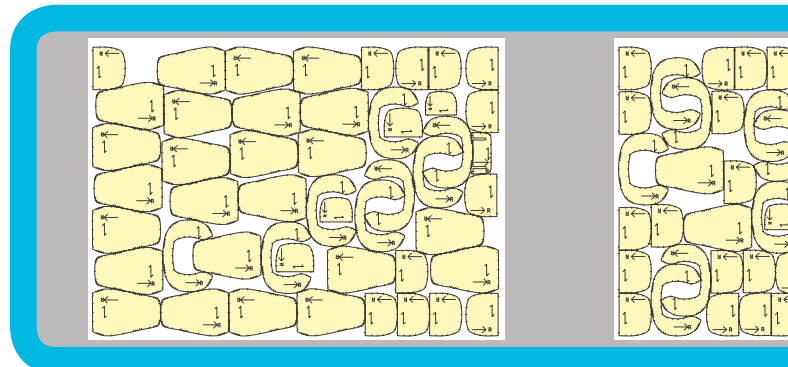
Manual positioning of pattern pieces. Unique function that positions a selected piece while respecting piece gap and rotation constraints.

Digitising

PhotoDigitising® - patented system without the requirement for a special calibrated backdrop. Pathfinder's photodigitising system is not limited to the size of a traditional digitising table. Patterns can be emailed from remote locations and cut in production within minutes.

Import/Export

Import files from other industry standard CAD applications. Formats include: DXF • HPGL • ISO Cut Files • NTX • PF



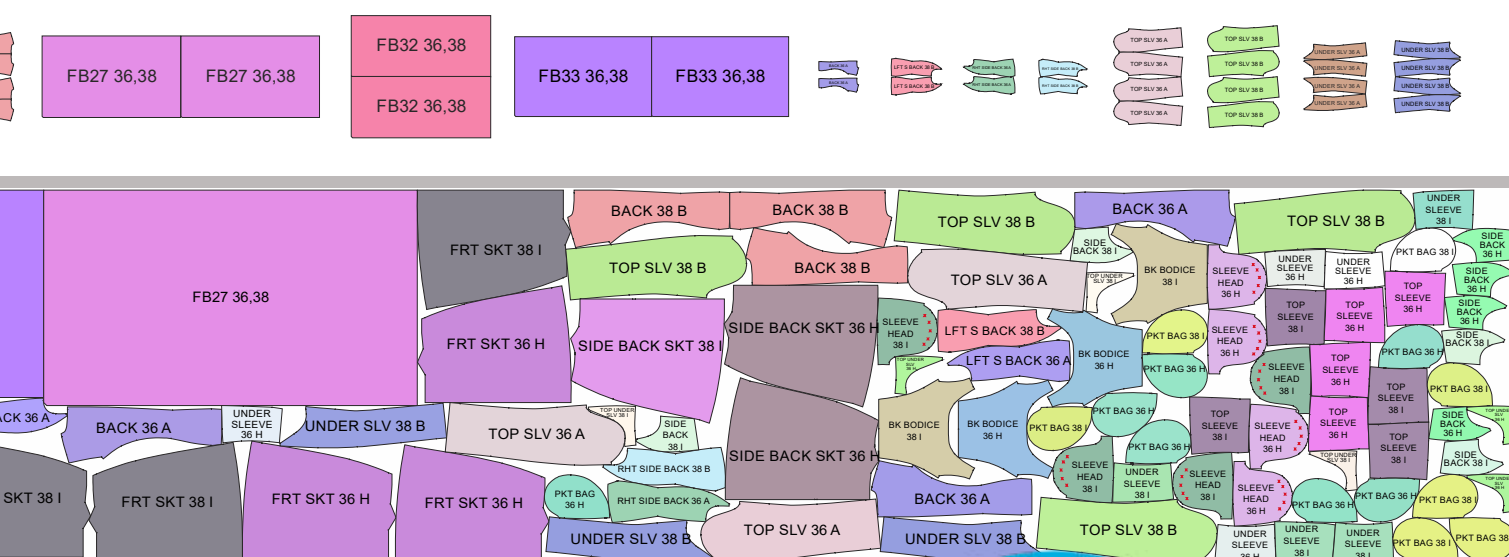
Easier to learn

We know the challenges that face manufacturers - we work with them every day. That's why we developed PathWorks®.

Most CAD systems utilised in our markets are design-based and targeted to Apparel applications, making them unnecessarily complicated, difficult to learn, and with a host of powerful but mostly unusable features.

PathWorks® is the easiest system to learn for digitising patterns, importing digital files from other CAD systems and pattern nesting/marker making.

Simplicity is what makes PathWorks® a powerful tool.



Auto Nesting

Pathfinder's nesting algorithm achieves the most efficient nests fast (illustrated above).

Sheet Nesting

Creation of multiple nests simultaneously. Useful when cutting from multiple sheets or spreads of material to complete a cut order.

Material waste is minimized as patterns cross over multiple spreads to achieve most efficient material utilization (see below).

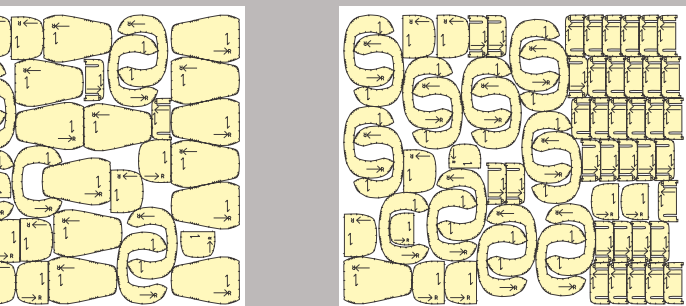


Photo Nesting

This powerful feature enables positioning of patterns onto any shape material and is particularly valuable for nesting on leather hides.

A camera positioned overhead captures the material for which patterns are nested. This enables complete control in positioning patterns around flaws.

This system can be configured as a standalone or integrated within the Pathfinder cutting machine.





PathWorks®
Digitise | Edit | Nest

Wizards

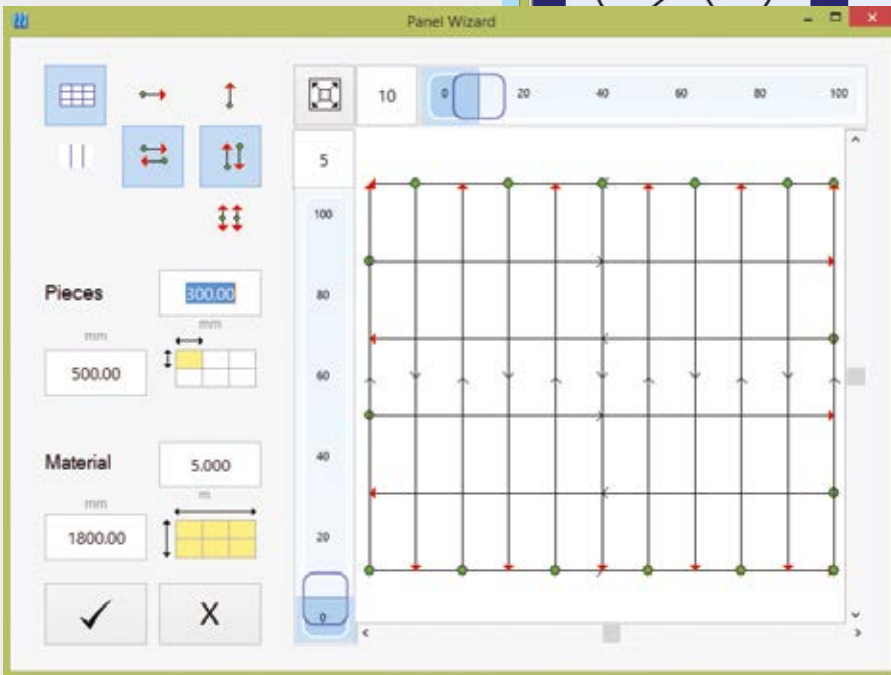
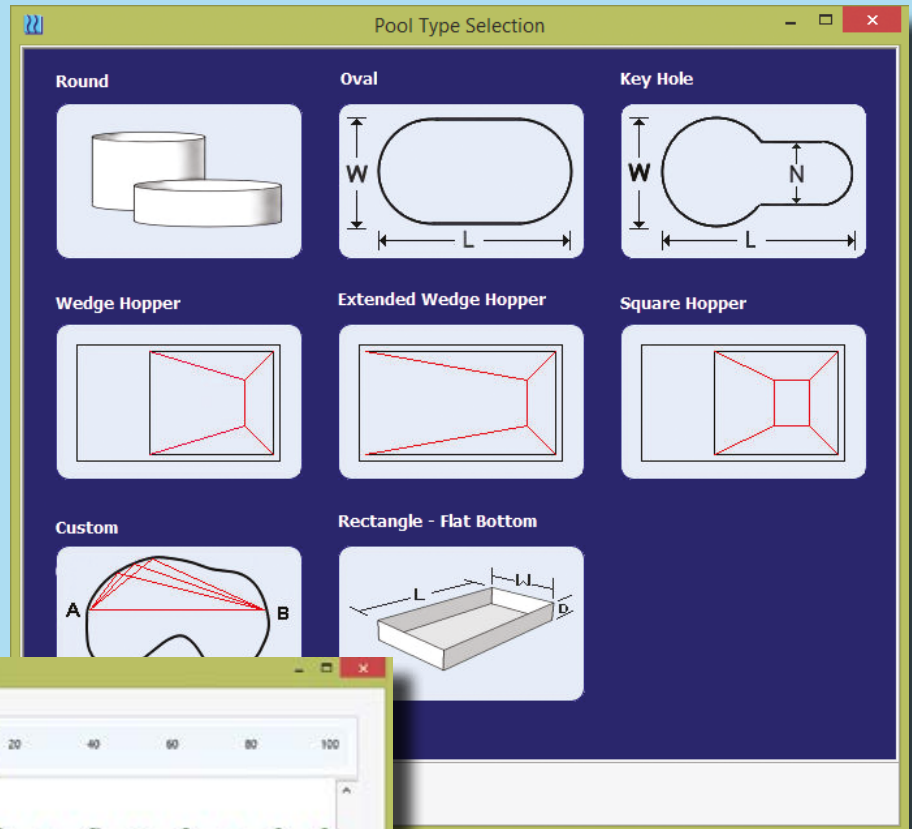
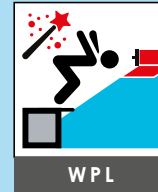
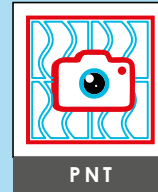
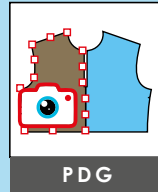
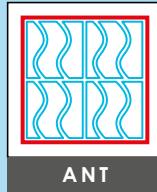
PathWorks® integrates a suite of Wizards designed to automatically create pattern shapes.

'Wizards' create complex parts quickly without a traditional skill requirement.

Simply populate the required fields and shapes are created complete with seam allowances, darts and compensations for available material widths.

Options for productivity

- ANT - Automatic Nesting
- PDG - Photodigitising
- PNT - PhotoNesting
- Wizards
 - WPL - Pool Liner
 - WPN - Panel Wizard



Above: Pool Wizard selector screen
Left: Panel Cutting Wizard interface

Note: Included features are subject to change

Manufactured by

Pathfinder Australia Pty Ltd
12 Dib Court
Tullamarine, VIC 3043, Australia
Ph: +61 3 9338 3471
Email: sales@pathfindercut.com
Web: www.pathfindercut.com

Pathfinder Cutting Technology LLC
1901 N Gaffey Street, Unit G
San Pedro, CA, 90731, USA
Tel: +1 (424) 342 9723
Email: salesusa@pathfindercut.com
Web: www.pathfindercut.com

Pathfinder Cutting Technology LLC
5623 – 5625 W74th Street
Indianapolis, IN, 46278, USA
Tel: +1 (317) 349 0002
Email: salesusa@pathfindercut.com
Web: www.pathfindercut.com

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