Nirvana Technologies Pvt. Ltd.

PLUS 2D WOOD

Nesting and Panel Optimization Software

for Manual cutting, CNC Panel saws, Beam saws or Routers

Cutting edge Technologies for wood working professionals

Save Time
Save Material
Improve Automation

www.niranatec.com

Maintain Your Competitive Edge With

PLUS 2D WOOD

A comprehensive optimization solution for the woodworking industry

PLUS 2D – The world’s leading nesting and panel optimization software for generating optimized cutting plans from your data and maximizing your panel yield. Based on the reliable PLUS 2D cutting optimization technology & consistently delivers high utilization on layouts and is ideal for cutting using panel saws, sliding table saws, beam saws and routers.

It accurately estimates material requirements and provides the traceability you need, in a fraction of the time it takes to calculate manually, significantly reducing the time for costing, estimation, planning and production.

PLUS 2D is the single most cost effective tool you can add to your business.

Application Areas

- Office and modular furniture manufacturers
- Cabinet makers
- Building panel and partitions
- Railings and handrails
- Carpentry, Laminate, Woodworkers
- Other applications in sheet metal, glass, paper, etc.

Key Features

- Advanced optimiser, designed to deliver maximized yield
- Speed allows you to check alternative performance quickly
- Options for trim-out, stock weights, MDF allowance
- Order-driven to prevent overstocking when using materials with grades
- Integrated inventory module for efficient stock balancing and cutoff control
- Fully customizable inclusive tolerance between optimization and ease of cutting
- Re-nesting feature for re-optimization
- User defined offset controls
- Edit the shape of a pattern manually
- Import CAD drawings via DFX
- Color coded output in DXF and DWG

Key data entry and configuration interface:

- No learning curve, simple user interface
- Simply copy and paste from spreadsheets, etc.
- Import TNC files and Comma Separated Values (CSV)
- Data entry in various units, inches, imperial units
- Layout of standard patterns, deeps
- Multi-level library and material product configurations
- Identify objects with your selection range, and apply them to the layouts
- Facility for recombinable layouts
- Addition of user definable columns

Customization

- Nirvana will gladly customize PLUS 2D to meet your specific needs. We are adding custom limits to CNC controllers
- CNC equipment manufacturers and OEMs interested in bundling our software along with their machines contact us to work together for developing a superior solution in nesting, optimizing and cutting.

Technical Specifications

- PLUS 2D is CE compliant and supports the following languages:
  - English
  - Spanish
  - French
  - Dutch
  - Italian
  - German
  - Russian
  - Swedish
  - Finnish
  - Danish
  - Swedish
  - Turkish

Recommender System Requirements

- Processor 4 or above
- 128 MB RAM
- Windows 2000/XP/NT/1000/Server or later
- Available in: English, Chinese, French, German, Italian, Spanish, Russian, Dutch, Swedish, Finnish, Danish, Turkish

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