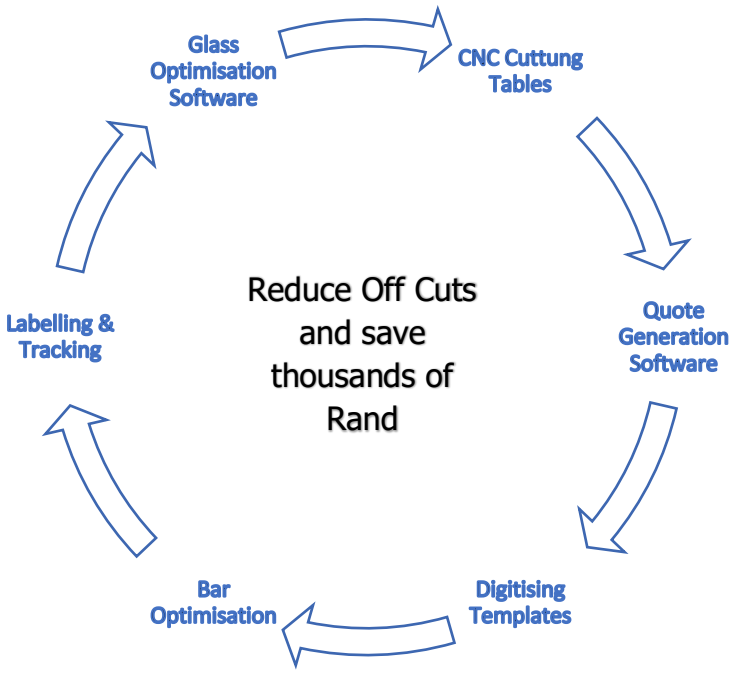
glass specifics

Glass Optimisation Solutions



PROVEN
Save Time

POWERFUL
Save Material

PROFITABLE
Improve Automation

Contact: John – 083 457 7362

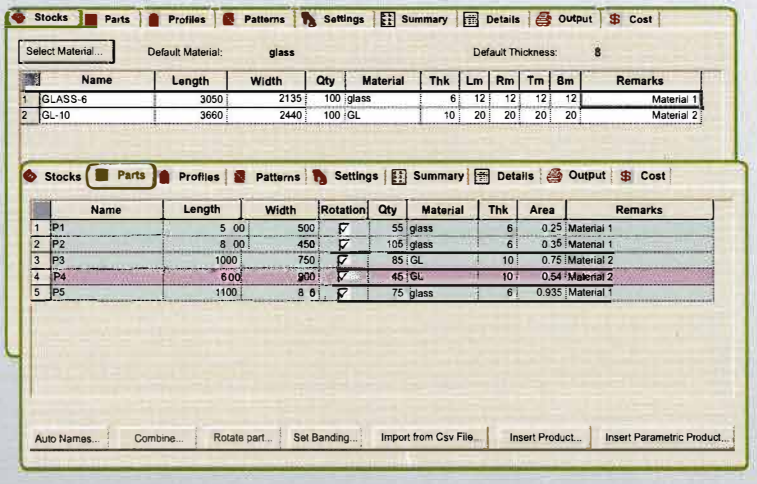
PLUS 2D + GLASS

A comprehensive glass optimization solution

PLUS 2D - Glass is an efficient glass cutting optimization software, ideal for Producers, Processors and Fabricators. It has an intuitive, well designed, modern user interface which is simple yet powerful. Whether you are cutting manually or using a CNC cutting table, PLUS 2D generates optimum cutting patterns at the click of a button.

It accurately estimates material requirements, and provides the answers 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.

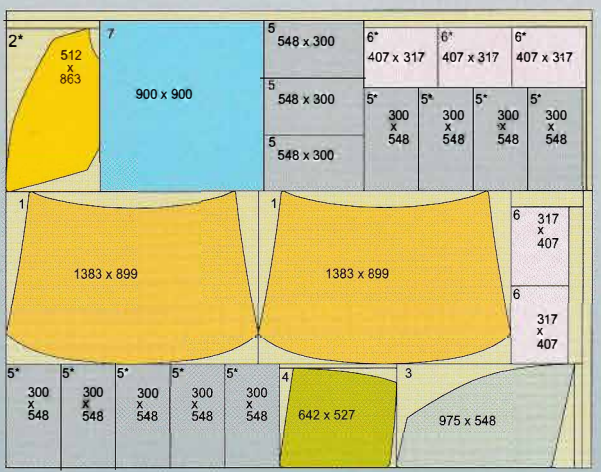


For

- Glass processors
- Glazing, curtain walls, facade builders
- Aluminum, Glass, ACP fabricators
- Auto, safety, insulating glass manufacturers
- Float glass producers
- Aluminum Composite Panel(ACP) Manufacturers
- Vinyl cutting apllication
- Other application in sheet metal, plastic, woodworking and PCB

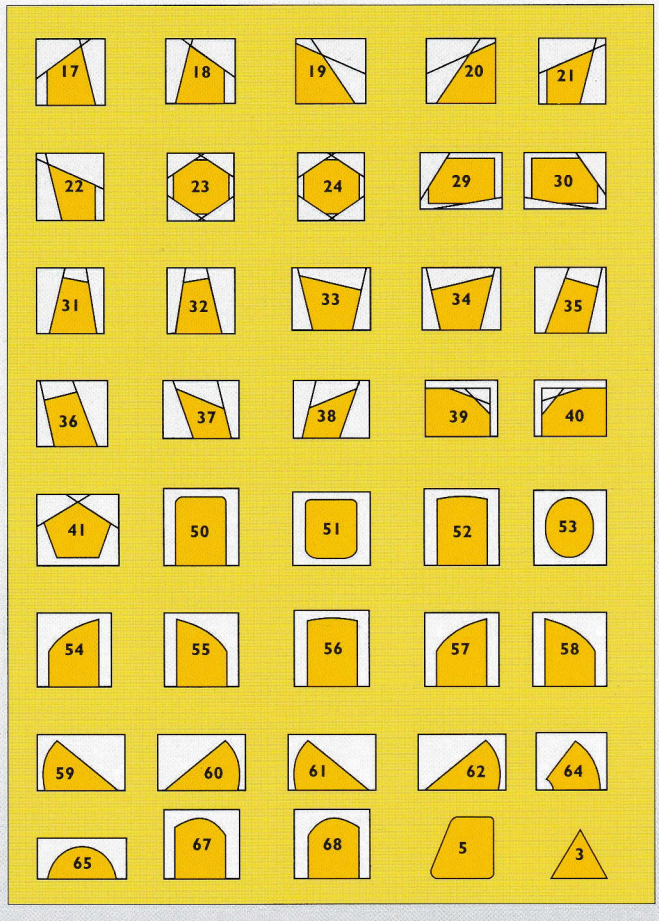
Key Features

- Advanced optimizer, designed to deliver maximum yield
- Speed allows you to check alternative scenarios quickly
- Input any number of stocks and parts
- Options for trim cuts (stock margins), minimum breakout, max sub-plate width
- Grain direction to prevent part rotation when using patterned glass
- Cut complexity selection allows a balance between utilization and breakout time
- Re-nesting, layout rejection, user defined offcut criteria
- Available in many languages
- Integrated inventory and labeling modules
- Import CAD shapes via DXF
- Color coded output in RTF and DXF
- Direct cutting table links



Easy data entry and intuitive User Interface

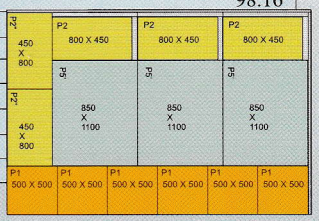
- No learning curve, simple wizard like user interface
- Simply copy and paste from spreadsheets, tables
- Import TEXT files and Comma Separated Value files (CSV)
- Data entry in any units (mm, inches, fractional inches,...)
- Addition of user definable additional columns
- Library of standard parametric shapes
- Import CAD drawings via DXF
- Product library and Parametric product libraries
- Integrated inventory module for efficient stock tracking and offcut control
- Identify offcuts with your selection criteria, and recycle remnants into profits
- Facility to accommodate filler parts



Simple no-nonsense output

Summary of Optimization Results

Summary of Optimization Results	
Grinding Margin	0
Saw Width	0
Number of Layouts	24
Number of Stock Used	292
Total Ultilization	98.16
Total Parts Required	
Total Parts Nested	
Reusable Offcuts	
Total Stock Weight	
Total Part Weight	
Total Offcut Weight	
Total Scrap Weight	



Bill Of Materials

Name	Length	Width	Qty	Weight	Tot Qty.	Remarks
3	955	227	1	1.69	23	
8	699	484	2	5.28	46	
18	496	443	2	3.43	46	
19	869	126	1	2.82	23	
Total			6	13.28	138	

Summary of Layouts

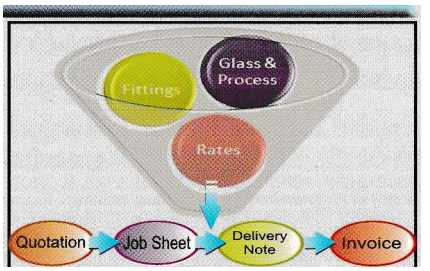
No	Name	Qty	Uti %	Cost	Parts	Offcut Qty-Size
1	3	26	96.84	35155.18	182	0
2	2	35	97.94	46950.81	385	0
3	3	23	98.24	31098.81	138	0
4	2	26	98.90	34877.75	286	0
5	2	17	99.05	22804.68	102	0
6	2	1	98.65	5365.81	60	1-[443x890]

- Detailed customizable reports
- Complete layout drawing
- Material requirements and material balance lists
- Summaries of each layout
- Weights, areas of components, stocks, offcuts & scrap
- Cutting lists, cutting instructions and bill of materials
- Part and offcut labels
- Interface to CAD via DXF export
- Computer Based Tutorial and movies
- Support via online help, movies, phone, fax, internet
- Customizable to interface with ERP / DBMS Application

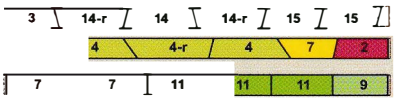
GREAT PRODUCT **HONEST PRICE** **GENUINE SUPPORT**

Other optional modules

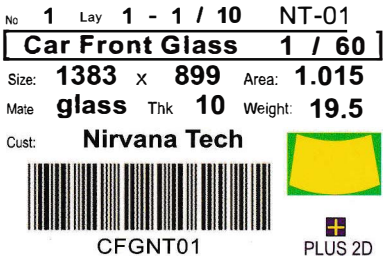
- **PLUS Glass Quote:** 1-Click Quote generation software for Retailers, Traders and Small Processors.
- **PLUS Replicam:** Digitizing software to replicate templates.
- **PLUS 1D:** Bar Nesting software for reducing waste in cutting 1D (lineal) material like pipes, bars, sections, channels, profiles and extrusions.
- **PLUS Label maker:** Bar Code label printing software to print bar coded labels using ordinary printer.
- **CNC interface:** To many different cutting tables.
- **Pattern amendment:** Manually create and edit patterns.
- **Destacking optimization:** To minimize number of open stacks.
- **Other Options:** Filler parts, maximum different parts in layout.



PLUS Glass Quote



PLUS 1D



PLUS Label Maker

Company Profile:

Glass Specifics is a company dedicated to the Flat and Automotive Glass Industries. We have been serving these industries with leading edge technology, machinery, equipment and consumable items since 1998.

Testimonials

A great program, does exactly what we need.
Robert Berger, Window Tech., USA

PLUS 2D is easy to deploy and use. It has resulted in substantial savings for our company.
Information System Coordinator, Frigoglas

I really appreciate the time you took to answer my questions. I find this attitude both rare and refreshing in a world that seems to be built on the concept of sell and run.
Tony Feuer, Mazatlan, Mexico.

Customization

We will gladly customize PLUS 2D to meet your specific needs. We are adding custom links to CNC controllers.

CNC equipment manufacturers and OEM's interested in bundling our software along with their machines can get in touch with us for developing a custom interface to cutting tables, saws and routers.

Recommended System Requirements

1.8 GHz Processor with Minimum 4 GB RAM with Win 7, Win 8 or Win 10.

Available in BULGARIAN, CHINESE, ENGLISH, FRENCH, GERMAN, ITALIAN, KOREAN, PORTUGUESE, RUSSIAN, SLOVENIA, SPANISH, TURKISH