Flat glass
Insulating glass
Bended glass
Safety glass

PRECUT
Glass Industry

Enterprise Resource Planning
System for Flat Glass Pr0cessing

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GLASS INDUSTRY

CUTTING
towards bigger returns

Precut Glass Industry is an enterprise resource planning system developed to meet the needs of the flat glass processing industry. The system is designed to support the operations management of flat glass, insulating glass, laminated and temepred glass as well as bended glass processing companies.

Precut Glass Industry
- **management of customer and product information**
- **tender calculation**
- **order processing**
- **invoicing and financial management interfaces**
- **design of shaped pieces**
- **free and sequential cutting optimization**
- **machine interfaces**
- **production planning and monitoring**
- **dispatch activities**
- **stock management**
- **reporting**

This industry-specific system has been designed to meet the individual needs of Your company and provide a clear competitive advantage. Work previously carried out manually or using several different systems can now be automated and integrated into

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Basic Program	Includes all fundamental features such as basic registers, the menu structure and user-specific settings. The Basic Program can be flexibly expanded to accommodate any specific features You require.

Tender Calculation and Order Processing

Order	Enables input of order information, manages product registers and price-lists and produces tender printouts. The system recognises different glass structures and the work stages involved in them.
Transform	Automatically imports order information from the source file and inputs it to the database by means of a file converter.

Billing and Sales Ledger

Invoice	Includes functions related to price calculation and billing of flat glass products and general products. Products other than glass can also be handled and priced using the general product register.
E-Invoicing	Enables electronical invoicing.
Ledger Link	Links Precut Glass Industry with an external financial management system.
Ledger	An application integrated with Precut Invoicing.

Purchasing

Purchase Order	Place purchase orders and quotation requests. Structural features and pricing models for glass products are available.
Purchase Invoice	Create and manage purchase invoices.
Purchase Ledger Link	Integrate purchase data with your economic systems.

Detailed Planning: Cutting Optimization, Shapes

Optimization	Increases production efficiency and reduces material losses.
Sequenced Optimization	Enables determination of the positioning of different glass types on the glass racks prior to performing cutting optimization using different sorting rules. The sequenced cutting optimization is then run on the basis of these settings, i.e. the glass rack plan.
Harp Rack Optimization	Sequential harp rack optimization. Cutting optimization takes into account the positioning of different glass types on the harp racks in accordance with the production sequence.
Editor	Enables editing of cutting patterns created by the optimization program or creation of brand new patterns.
Parametric Shapes	Contains a set of standard cutting shapes, the parameters of which can be adjusted to create Your own shapes.

Free Shapes	This CAD drawing application enables You to draw complex cutting shapes by using lines and arcs.
Shape Links	Export or import information between different CAD systems using DFX files.
Stock Size Dimension Search	An optimal blank dimensions search feature.

Machine Tool Control

CNC	Interfaces with NC -controlled production machines and larger integarated systems: • glass cutting, breaking, storage, sorting • spacer bending, insulating glass lines • cnc, edging, drilling, antenna glass processing Control codes exist to support several different machine brands and further interfaces can also be created.

Master Production Planning

Order List	Creates production line and glass cutting jobs from order book data
Production Control	Plans and monitors the stages of production, capacity of production lines and completion of orders.
Packing and Delivery	Creates printouts of deliveries and packing lists and manages delivery racks
Waybill	Automatically generate waybills from packing and shipping information.
Stock Control	Manages glass stocks.
Label	Creates printouts of different labels for glass products.

Structural Properties of Glass

Insulating Glass	Includes special functions required for insulating glass production and pricing such as definition of the structure of insulating glass units and production control printouts.
Stepped Glass	Define and process stepped insulating glass structures, including also shaped glasses.
Laminated Glass	Includes special functions required for the definition and pricing of laminated glass structures.
Bended Glass	Enables determination of bended glass dimension information and calculation for cylinder bending and possible straight joints.

Precut Glass Industry – an integral part of a competitive production chain

- increased efficiency
- trouble-free production planning
- reduced material waste
- improved company profitability
- enhanced company image

System expands in line with Your company's needs

Due to its modular structure and broad-ranging parameter management possibilities, Precut Glass Industry can be adapted to correspond to Your individual needs. **The program's network compatibility enables the number of software users to be flexibly increased.**

The system's usability and adaptability to personal requirements are further facilitated by the editability of its user-specific user interfaces. The system contains **numerous set functions and reports based on the best practices of the industry.**

Customer-specifically defined reports help ensure that Your company remains focused on the right operational issues.

User Training, Product Support and Maintenance Services in a single package

The installation schedule, including each phase of system start-up, is planned in advance with the customer. All planning and specifications of the project, including adaptation of the software to customer-specific requirements, will be carried out by an expert familiar with the special needs of your field. In addition to the software, the whole package solution also includes User Training, Product Support Services and Maintenance Services.

Finortec Oy is a Finnish software company established in 1993. The company develops and markets enterprise resource planning and production control systems for the flat glass industry and material use optimization software for the panelboard and profile cutting industries. The company is an independent software supplier. Finortec Oy has a total of more than 300 customers in Finland, Scandinavia and the Baltic Countries.

For further information on Finortec Oy and our products please visit our website.

FINORTEC

Finortec Oy, Niuvantie 6c
FI-70200 Kuopio, Finland
Tel. +358 50 528 7090
info@finortec.fi

www.finortec.fi

Your distributor: