

# Windowmaker **What's New** Version 5.0 to 5.7



## Windowmaker 5.0

Includes 5.010, 5.020, 5.030, 5.040, 5.041, 5.050, 5.060, 5.061, 5.062

### Installation

Windowmaker version 5.000 (and higher) requires Microsoft .NET Framework version 1.1 to be installed.

## Modifications to Standard Options

### Order Entry

- ▲ Enhanced program to save a Job automatically each time an item is saved from the Job notebook, thereby preventing the 'Job Totals' from being left in an inconsistent state at any point of time.
- ▲ The 'Design Selection' dialogue box has been enhanced to:
  - Add a Dwarf Wall below the selected design on an Item.
  - List all the valid door and non-door designs.
  - Filter and display only valid Door designs.
- ▲ Jobs/Quotes – Items page enhanced to add both door and non-door items either using 'Add Design Item (Not Door)' or 'Add Design Item (Door)' button.
- ▲ Program enhanced to include a new view 'Price Make-up & Detailed Extras' on the Item – Pricing page to display the details of Normal Pricing parts in addition to the pricing totals.
- ▲ Facility to:
  - specify Overall Internal Dimensions as the default Dimension Type for order entry.
  - print the same on the Windowmaker Processes and Crystal Reports outputs.
  - edit and equalise the Overall Internal Dimensions.
- ▲ Facility to convert quotes to jobs from the Jobs/Quotes notebook and from job list (only for Enterprise), whenever a quote is moved to Status 'Ordered'.

### Crystal Reports

- ▲ Purchase Order Reports for Bought-to-Order components enhanced to:
  - sort and group the components on Stock No.,
  - print the Stock No. and Stock Description as group header.
- ▲ Facility to display information pertaining to variants on the following Reports:
  - Quotation (Item Pricing with Discount)
  - Quotation (Item Pricing)
  - Quotation (Quote Pricing)
- ▲ New User Defined Function (UDF) 'WMItemPlan' to print Item Plan graphics on reports.
- ▲ Facility to generate General Reports, earlier available only for Windowmaker Enterprise (and higher), also for Windowmaker Advanced program.
- ▲ Facility to output the Notch Positions along with the B.O.M. information for a 'Stuck on' Georgian bar profile.
- ▲ The end cut required for the bar can be identified by displaying whether the end of the bar is connected to another Georgian bar, Frame Profile, or Bead.
- ▲ The following standard Crystal Reports are available:

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- 'Production Document' report on the 'Item' notebook can be used to display Assembly List information for any single item.
- 'Production Document' report on the 'Job' notebook has been enhanced to generate output in sub-batched sequence with collated B.O.M. lines and option to print separate list for coupled designs.
- 'Purchase Order' report for Stocked Components can be generated when stocks are re-ordered. This report is available only if 'Stock Control' option is present.

### **Set-up**

Enhanced program to choose the track number for the profile parts based on the operations (i.e., track specific operation for pair cutting) to be done. The track of a profile will be determined based on the track specific operations found for the profile.

### **Miscellaneous**

- ▲ Generating an error message on finding incompatible Design Features during the calculation of an item, so that corrective actions can be taken to enable hard coding the features in future.
- ▲ Facility for a profile company to create data that can be supplied to the fabricators.  
NOTE: This facility is available only if Profile company option is present.
- ▲ Facility to refresh the batch details with the latest information using the Refresh tool button.
- ▲ Display of Supplier Logo on the main dialogue box of Windowmaker, Windowseller and Windowmaker Lite programs. The Supplier Logo will depend on the Supplier Option available with each Supplier.

## **Modifications to Purchasable Options**

### **Production, Batching**

- ▲ New interface for Production Batch offering user-friendly features.
- ▲ Facility to create Production Batches and generate Production related Crystal Reports without scheduling option.
- ▲ Frame Production process to facilitate generation of Crystal Reports based outputs.

### **Sub-batching**

- ▲ Facility to efficiently organise the production processes based on the enhanced settings provided on the Sub-batching page of Scheduling. This will facilitate a user to create sub-batches with a sequence using e.g., 'Delivery Date' of jobs.

### **Standard Products**

- ▲ Facility to distinguish between Stocked Standard item and manufactured Standard item through the Product Code displayed on the Quotes/Jobs – Items page.
- ▲ Facility to convert a Design item back to a Stocked standard item via scheduling if the Product Code set for the Design item matches that of the Standard product.

### **Bays**

Facility to apply a Bay-Angle greater than 180 degrees to multi-faceted items.

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### **CAD**

- ▲ A combobox displaying all the layers required to use the Cut-through functionality added on WmCircle dialogue box, thereby facilitating the user to only select the relevant layer where the circle needs to be positioned.
- ▲ Facility to associate .DWG file to profile parts for any system, that is subsequently used to display cross-section for cut-throughs in CAD.

### **Glass Purchase**

- ▲ Enhanced 'Link To A+W (Pilkington)' option to include 'P.O. No' in the fixed format file generated for the Glass Purchase Order.
- ▲ Facility to generate and place Glass Purchase Order with Suppliers using 'Albat+Wirsam' (A+W) format through File Transfer Protocol (FTP). This can be done directly from Windowmaker at the click of a button
- ▲ Facilities are dependent on the Link To A+W

### **Export XML, Setup/Costhead**

In the absence of 'Purchase Scheduling' option:

- ▲ A Supplier can be specified in 'Components (Bought-to-order)' type Costhead.
- ▲ Glass XML file for each Supplier can be generated for 'Components (Bought-to-order)' type Costhead.

### **Georgians**

- ▲ Facility to apply 'Stuck on' Georgians on both sides of the Glass Leaves even in Angled Shaped items.
- ▲ Facility to apply 'Stuck on' Georgians on both sides of the Glass Leaves. Mixed thickness Georgian bars can be applied even in the Master mode.

### **Link to Saws**

- ▲ Windowmaker now supports a new paired Saw 'Pro-line AF222'.
- ▲ Enhanced Link to Saw - Schirmer option to provide a choice to either output Transom Join or Location information in line 4 of label in the label (,\$ET) file.

### **Link To Glass Cutting Tables**

- ▲ Windowmaker now supports Tecnometal glass cutting table. This link enables automatic transfer of cutting diagrams to the Tecnometal Table.
- ▲ Windowmaker now supports 'MTL' glass cutting table.

### **Link to Glass Optimiser**

Windowmaker now supports 'Optiway' glass optimiser.

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### **Set-up**

Addition of 'WMUser Table' in the Windowmaker standard database to store the User information.

## Windowmaker SQL

### **Modifications to Standard Options**

#### **Order Entry**

- ▲ A new filtering facility '(Like)' on Suppliers, Customers and Open – Jobs/Quotes dialogue boxes to enable faster and easier searching.
- ▲ Facility to specify the Job Statuses as conditions to maintain the B.O.M. details of Pricing Extras parts in the WMBom table of the WMDATA database.
- ▲ Customisable Set-up extended to Job and Supplier dialogue boxes. The advanced features include Sorting, Filtering, Grouping, Dialogue box Layout Customisation, Multiple Selection, Multiple Deletion, Column Resizing and Repositioning. This offers user-friendly interface and efficient usage of Search facility.
- ▲ Facility to edit information that does not affect Production for a scheduled job with Design items and manufactured Standard items, when the Job Status is between 'In Production' and 'Invoiced'.
- ▲ Automatic item calculations on:
  - creating a new design item.
  - changing an existing design item (if the change affects calculations).
- ▲ Accordingly, item calculation using 'Calculation on Demand' facility has been removed.

#### **Crystal Reports**

- ▲ New User Defined Function (UDF) 'WMItemCillPlan' to print Item Cill Plan graphics on reports.
- ▲ Addition of a new parameter 'bShowRoofProfileID' to the UDF WMItemRoofPlanGraphics providing an option to print the Roof Plan drawing generated by CAD with or without Position Codes, on a Crystal Report.
- ▲ Facility to view reports created using the Crystal Reports software as a customised page on the Job, Item, Stock and Customers notebook.
- ▲ The following standard Crystal Reports are available:
  - 'Quotation' reports that can be used to display Nett Price of each Item, Discount and Total Quote Price values along with other details.
  - 'Order Acknowledgement' report that can be used for acknowledging the orders that are confirmed by a customer.
  - 'Purchase Order' report for Bought-to-Order type can be generated when a job is scheduled. This report is available only if 'Production Scheduling' option is present.
- ▲ Facility to print separate list on Production Report for Coupled Design (i.e., Design in which frame is divided when coupler is applied).
- ▲ UDFs required to enable printing 'Separate List for Coupled Design' on Production Report are modified:
  - WMItemPicture UDF will now be enhanced for Frame drawing.
  - Option UDFs to get the options applicable for a particular frame.

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- ▲ Several enhancements to the Windowmaker User Defined Function Library (UFL):
  - 'WMInstallerNo' UDF added to display the FENSA registration number on any report.
  - 'WMItemFrameCount' UDF added to display the number of frames for a particular item.
  - 'WMItemDoorCount' UDF added to display the number of doors for a particular item.
  - 'WMItemWindowCount' UDF added to display the number of windows for a particular item.
  - 'WMJobSettlementDiscount' UDF added to display the settlement discount for a particular job.
  - 'WMJobSettlementDays' UDF added to display the number of settlement days for a particular job.
- ▲ Facility to print:
  - Multiple graphics in a single report.
  - Graphics in more than one section in a report.
  - Graphics in sub-reports.
- ▲ Several Tax related User-defined Functions (UDFs) have been added to the Windowmaker User-defined Function Library (UFL) to facilitate creating Customer Documents via Crystal Reports.

### **User Defined Function(UDF)**

### **Description**

#### **Job Level**

WMJobTaxRate (OrderType, Job, TaxType)	Normal tax rates applicable to the job
WMJobTaxBRate (OrderType, Job)	Second level tax rate applicable to the job
WMJobTaxNo (OrderType, Job, TaxType)	Normal tax codes applicable to the job
WMJobTaxBNo (OrderType, Job)	Second level tax codes applicable to the job
WMJobTaxable (OrderType, Job, TaxType)	Amount taxable for normal tax
WMJobTaxableB (OrderType, Job)	Amount taxable for second level tax
WMJobNontaxable (OrderType, Job)	Non – taxable amount

#### **BOM Level**

WMBomDiscount()	Discount% applicable to a particular BOM record.
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- ▲ Enhanced layout of Stock Reports for better presentation.

### **Data Migration**

Enhanced program to include 'Retry', 'Skip', 'Skip All' and 'Abort' buttons on 'Data Migration' error dialogue box so as to facilitate uninterrupted data migration.

## **Modifications to Purchasable Options**

### **Stock Control**

Facility to differentiate de-allocation transactions generated due to Stock issues from the ones generated when changes are done to the Schedule of a job.

### **Conservatory**

- ▲ Facility to view a conservatory item from Inside or Outside depending upon the selection in 'Surveyed from' on the Item - Situation page
- ▲ Better clarity for wall graphics displayed in CAD.
- ▲ Facility to view the following three reports directly in Preview Mode:
  - Cill Cutting Plan
  - Brickwork Plan
  - '6 Views' Report

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- ▲ Removed extra details of Brick walls, Cills and Glazing layers from the top view of '6 Views' Report for a clearer output.

### **Tracking**

Facility to generate tracking records when a Job is moved to the status corresponding to 'In Production' through the Update Status process.

NOTE: Available only if the 'Tracking' option is present.

### **Purchasing**

- ▲ Facility to generate stock transactions by updating the status of the Purchase Order for stocked components from the View – Purchase dialogue box
- ▲ Facility to view the details of 'Bought-to-Order' components for which order is placed.

NOTE: This facility will only be available with Purchasing option.

### **Scheduling**

- ▲ Program enhanced such that:
  - If the Production Batch of a scheduled design or manufactured standard item is changed, all succeeding non-design items, until the next design or manufactured standard item is encountered or the last item is reached, will also be moved to the new Production Batch. This also applies to all preceding non-design items if they are not preceded by any design or manufactured standard item.
  - The above also applies when the Source of a standard item is changed from 'Batch' to 'Free Stock' or 'Planned Stock' and vice versa.
  - If the Delivery of a scheduled design or manufactured/stocked standard item is changed, all succeeding non-design items, until the next design or manufactured/stocked standard item is encountered or the last item is reached, will also be moved to the new Delivery. This also applies to all preceding non-design items if they are not preceded by any design or manufactured/stocked standard item
- ▲ Facility to view the status of item quantities in a job without allowing them to be edited.

### **Delivery Scheduling**

- ▲ Automatic creation of Delivery for a job at the time of scheduling, if Required is 'As soon as possible' on the Schedule Now dialogue box.
- ▲ Enabling 'Schedule' button even if the Required Date or the Installation Date is not entered on the Jobs - Schedule page.
- ▲ Automatic creation of deliveries at the time of scheduling a job, to help in, for example:
  - Creating and assigning delivery when scheduling a job for the first time.
  - When a different delivery needs to be created and assigned every time a new job is scheduled.

### **Special Customer Terms**

Facility to Add/Open/Delete the special terms for a particular customer from the Special Terms page of that customer.

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## **Glazing-Leaded**

'Diamond' pattern can be set-up for Format Code 'Leaded'. This will be displayed on item graphics during order entry and on processing reports.

## **CAD**

- ▲ Facility to view the following three reports directly in Preview Mode:
  - Cill Cutting Plan
  - Brickwork Plan
  - '6 Views' Report
- ▲ Removed extra details of Brick walls, Cills and Glazing layers from the top view of '6 Views' Report for a clearer output.

## **Set-up**

- ▲ Facility enhanced in Windowmaker to allow the Supervisor:
  - to create a Login on SQL/MSDE Server with a given Username and Password and a corresponding Database User with the same name in the database,
  - to delete Database Users.

NOTE: This will only be available for Supervisor in Windowmaker Enterprise MSDE and Enterprise Client/Server.

- ▲ Facility to allow a User having a corresponding Login on SQL/MSDE Server to change the password on SQL/MSDE Server from Windowmaker.

## Windowseller

### **Tablet PC**

- ▲ Windowseller supports the enhanced 'Tablet PC Input Panel' functionality provided by the Tablet PC operating system.
- ▲ Facility to use the rear end of a digital pen to erase annotations entered on the Installation Notes dialogue box.
- ▲ For the latest Eraser setting, the program automatically takes the previous settings set-up in the current session.
- ▲ Option to use either a digital pen or drag and drop facility to apply the Features and Pane Types using the Gesture recognition tool button.
- ▲ Windowseller has been enhanced for Tablet PC.
- ▲ Windowseller for Tablet PC is an ideal solution for Surveyors who can use Tablet PC, while on the move or even on a ladder.
- ▲ Tablet PCs are 'just the right' choice for running Windowseller since:
  - Laptops do not have the Digital Pen facility.
  - Pocket PC resolution is too small for many requirements.
- ▲ Tablet PC allows easy usage by:
  - Automatically interpreting Pen inputs when run in a Digital Pen enabled environment.
  - Adjusting its user interface in response to screen orientation changes.

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- Adapting user interface elements for both left and right handed users.
- ▲ Windowseller on a Tablet PC will facilitate entering the customers' requirements using a Digital Pen.
  - The 'Pen Input Panel' dialogue box facilitates easy recognition of handwritten texts.
- ▲ Features like Transoms, Mullions, Couplers, Georgians or Pane Types can be applied using the digital pen. This can be done by drawing simple gestures e.g., horizontal or vertical straight line, '>' or 'V' with the digital pen.
  - The simple gestures facilitate involving the customer in designing products with rapid, intuitive Order entry.
- ▲ Images can be annotated on the 'Ink Annotation' page of the 'Installation Notes' dialogue box.
  - Annotation facilitates Resellers and Sales representatives to minimise errors while communicating information to the Installers.

Windowseller also supports 'Portrait' mode on a tablet PC. The Tablet PC, by way of its design is more suited and more likely to be used in the Portrait mode. This will further facilitate Sales representatives and Surveyors to run Windowseller on a Tablet PC at the Customer site.