Windowmaker 2022 R1 Release Document



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Upgrading from older versions

When upgrading, please also refer to the following documents for changes since your current version:

If your current version is	What's New	Release Notes					
Windowmaker 2021 (v10.x)	https://windowmaker.com/en/pdf/windowmaker-2022-r10.x-release-						
	document.pdf						
Windowmaker 2021 (v9.x)	https://windowmaker.com/en/pdf/wir	ndowmaker-2021-r9.x-release-					
	document.pdf						
Windowmaker 2020 (v8.x)	https://windowmaker.com/en/pdf/windowmaker-2020-r8.x-release-						
	document.pdf						
Windowmaker 2018 (v7.x)	www.windowmaker.com/EN/PDF/Wi	www.windowmaker.com/EN/PDF/Wi					
	<u>ndowmaker%202018%20(v7.x)%20Wh</u>	<u>ndowmaker%202018%20(v7.x)%20Rel</u>					
	at's%20New.pdf	ease%20Notes.pdf					
Windowmaker 2012 (v6.x)	www.windowmaker.com/EN/PDF/Wi	www.windowmaker.com/EN/PDF/Wi					
	<u>ndowmaker%202012%20(v6.x)%20Wh</u>	<u>ndowmaker%202012%20(v6.x)%20Rel</u>					
	<u>at's%20New.pdf</u>	<u>ease%20Notes.pdf</u>					

You may also refer:

Windowmaker	Technical	https://windowmaker.com/en/pdf/windowmaker-technical-
Requirements		<u>requirements.pdf</u>



Windowmaker 2022 R1

What's New

This section lists the important features/updates introduced in this release.

General Enhancements

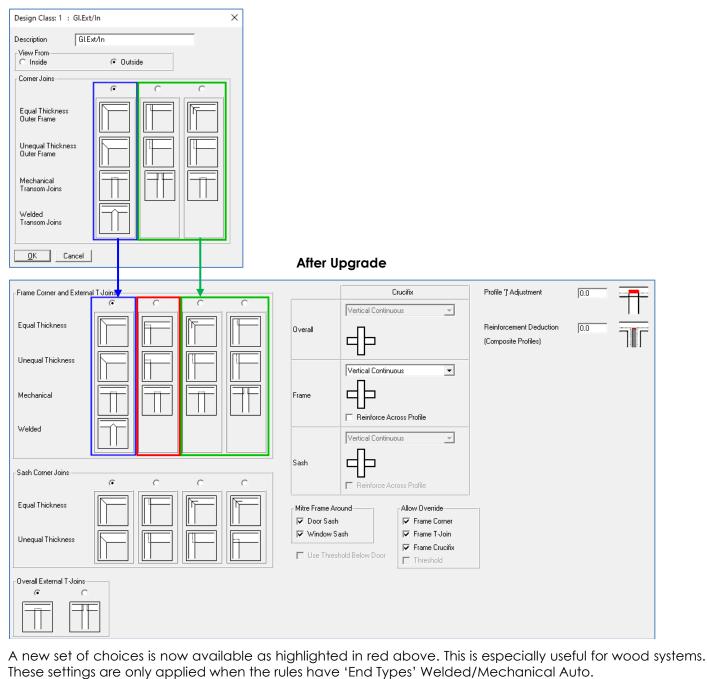
Designs

The program now allows to store up to 3000 designs. Earlier this was limited to 2000.

Auto Frame Joins

Design Class \rightarrow Corner Joins settings are now moved to System Joins page. This makes join configuration easier as all related settings are now in one place.

Before Upgrade



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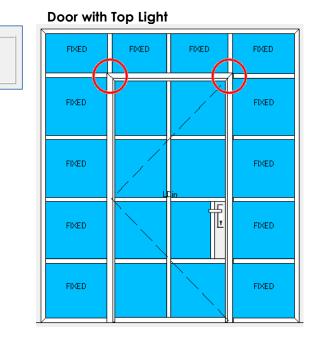


The Frame joins around Sashes can now default to Mitred joins if System \rightarrow Joins: 'Mitre Frame Around' settings are selected.

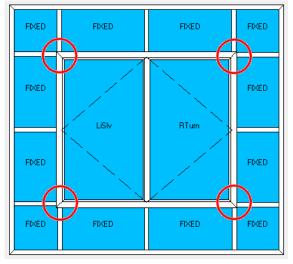
Note: Only applicable for Steel systems

Mitre Frame Around-

✓ Door Sash
✓ Window Sash

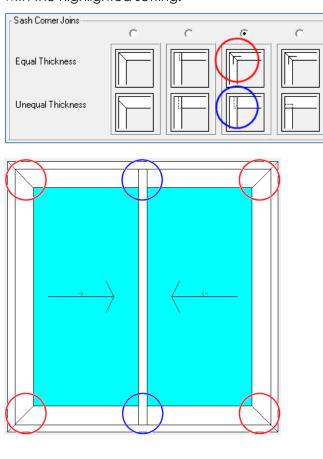


Window within Partition



Auto Sash Corner Joins

Windowmaker now allows defining default Sash Corner Joins. These settings are only applied when the rules have 'End Types' Welded/Mechanical Auto. E.g. joins for designs with slim slider interlocks can be achieved with the highlighted setting.





Overriding Frame Joins

System \rightarrow Joins: 'Allow Overriding Joins at Order Entry' is now split into Frame Corner, Frame T-Join and Frame Crucifix. When selected, the program allows to override the respective joins during order entry. This gives greater flexibility to achieve the desired joins in designs.

Note: Only applicable for Steel and Aluminium systems

Allow Override
🔽 Frame Corner
🔽 Frame T-Join
🔽 Frame Crucifix
🗖 Threshold

Asymmetric Frame Transom/Mullion

Windowmaker now handles the following more efficiently and correctly:

- Asymmetric Frame Transom/Mullion
- Profiles with a different inside and outside finish

For this, write Rules with 'Flip' selected for transom/mullion at the required positions.

		×	
tion/Part (Default) 💽 Level	2 : Frame		
▼ 8 : Thin Frame T/M ▼ Future Feature : 53	18: T-IN/IN 💌 🕳 🛛	Flip	
FIXED	FIXED		
Top.L	FIXED		
FIXED	FIXED	F	lipped
	Glazing Bars End Type Don't S: Thin Frame T/M Future Feature : 53 FtXED FtXED TopL To	Glazing Bars End Types 2.Mechanical · Auto Don't Affect Adjustments	tion/Part (Default) Level 2: Frame Glazing Bars End Types 2.Mechanical Auto Don't Alfect Adjustments Straine T/M Bit T-IN/IN Fixed Fixed F



Frame Mullion without Flip

J00029 /001 J00029 /0001 F|B2 2 J00029 /0001 J00029 /001 F|B2 2 Q ശ FF4703TL-01M 000 843 h FF4703TL-01M 843 h uuu 000220001000 FV13108-00* 310s-00*# J00029 /001 J00029 /0001 F|C2 2 J00029 /001 J00029 /0001 F|C2 2 FF4703TL-01M 843 h 000 FF4703TL-01M 843 h 000000220001000 Z20001 310s-00[,] F٦ *T 3108-00*#

Frame Mullion Flipped

Options Category

The program now allows to define a Category for Options.

Note: This is for future developments

Header Answers	/indow O/F
ID	74
Description	Window O/F
	Window O/F
Туре	Text
Category	Profile System
Prompt	Situation K Designs
Costhead	Profile System Hardware
	Filling Other
Answers	Delivery

Enhancements to Options

Advanced Data Management Tools

Export/Import Products (.CSV) is now renamed as Export/Import Products (Spreadsheet).

- All the selected Product Types are exported to a single file WMProducts.XLSX
- Each Product Type is exported to a separate page
- All Part Filter criteria Options and Answers include Long Descriptions
- Parts can now be made Inactive through the spreadsheet

Working on a single file makes data updates and maintenance much easier and more efficient. Option and Answer descriptions are especially helpful to map the Options used as criteria on Composite Profiles and Unit Parts.

👿 Pr	ofile Sys	tem Dat	a - V(1)					
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Parts	Part Ma	atrices	Subsyster	ms				3
								Export Products (Spreadsheet)

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Catalog He	Catalog	Product	Produ	Inactive	ls Compos	Product N	Descriptio	Long Description	Tag	Costhead	Costi
4ad72e38-	Profile System Data	101	6	0	FALSE	A65PF1*#	65mm Cm	PVC-U PROFILE A65PF1		1	
4ad72e38-	Profile System Data	102	6	0	FALSE	S65PF2*#	118mm 3T	PVC-U PROFILE S65PF2		1	
4ad72e38-	Profile System Data	103	6	0	FALSE	C45PF1*#	45mm Wi	PVC-U PROFILE C45PF1		1	
4ad72e38-	Profile System Data	104	6	0	FALSE	C56PF2*#	56mm Do	PVC-U PROFILE C56PF2		1	
And 72029	Broofiles Stationer Dealers	105		- 0	CALCO	Wesnet*#	110	NVC H NOCELLE WAShet		1	
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Bar Optimisation

Windowmaker now also considers cost of head position change during optimisation.

It can be defined on the Optimisation tab of the Saw Settings. This will be considered along with the other costs for optimisation. When the cost of the Head Position Change is comparatively high, pieces of the same size are grouped together.

- Costs-	
2 Single Bars vs. 1 Pair	0.00
Head Angle Change	0.00
Head Position Change	10.0
Standard vs. Variable Bar Length Trigger	0.00
Bar Loading	0.00
Offcut Removal	0.00

Note: Values used are just for illustration purposes

Without Head Position Change Cost

Inward Ou	ter Frame		P-424-6	59W	
J250135	/0005	10	4	35.2500	\/
J250135	/0005	10	2	47.2500	\/
		1	Waste	0.3438	
J250135	/0005	10	4	35.2500	17
J250135	/0005	10	2	47.2500	\/
		1	Waste	0.3438	
J250135	/0005	10	3	47.2500	\/
J250135	/0005	10	1	47.2500	\/
		(Offcut	47.2344	
J250135	/0005	10	1	35.2500	\/
J250135	/0005	10	1	35.2500	\/
J250135	/0005	10	2	47.2500	\/
		(Offcut	71.2188	
Total			20	825.0000	

With Head Position Change Cost

Inward Ou	iter Frame		P-424-65	9W	
J250135	/0005	10	4	47.2500	\/
			Offcut	47.2344	
J250135	/0005	10	3	47.2500	\/
J250135	/0005	10	1	47.2500	\/
			Offcut	47.2344	
J250135	/0005	10	2	47.2500	\/
			Offcut	141.7188	
J250135	/0005	10	5	35.2500	\/
			Offcut	59.9531	
J250135	/0005	10	5	35.2500	\/
			Offcut	59.9531	
Total			20	825.0000	

Link to Welder

Windowmaker can now link to Ferro 6-head welder.



Breaking Changes

General Enhancements

Application Settings – Manufacturing

Preferences \rightarrow Production: Weld Allowance and related settings are now moved to Application Settings \rightarrow Manufacturing: General.

'Frame Production' is now renamed 'Reports'.

W Application Settings					×
Sales Survey Purchasing Manufacturing	* * *	─Weld Allowance 45 degrees Other I▼ Include Weld on Printed L	3.0 2.0 engths	Welder Format Metric C Imperial	
General Schedule Reports Tracking Delivery	~		T-Join positions in 1/2 mm Maximum Mitre Length Timber Cut Allowance		
Installation	~	Non Sub-batched Slot Numbe	ering		
Products	~	C First Slot No. for a Sales I			
Administration	~	O Unique Slot No. to each Slot	lot Frame		
		Profile Labels			
W Application Settings					×
Sales	~	Process			
Survey	~	Cutting List	WM_Cutting List	Settings Microsoft Print to PDI	F
Purchasing	~	Profile Labels	WM_Profile Labels (Sheet)	Settings Microsoft Print to PDI	F
Manufacturing	^	Production Document	WM_Production Document	 Settings Microsoft Print to PDI 	F
General Schedule Reports		Other	WM_Frame Labels	Settings Microsoft Print to PDI	F
Tracking		Frame Labels (WRP)		Settings pdfFactory Pro (5.x)	
Delivery	~	Sash Labels (WRP)		Settings pdfFactory Pro (5.x)	
Installation	~				

Database Schema Changes

Below Views have been added to the Windowmaker database:

- dbo.BAT-WM_GTracking(623)_QualityCheckFailure(806)
- dbo.WMUserArea

Below View has been modified in the Windowmaker database:

• dbo.BAT-WM_NBottleneck Consumption(376)



Issues Fixed

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Manufacturing – Optimisation - 21333

Optimisation results for parts with zero cost was incorrect. This is now rectified.

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Sales – Order Entry – Line Configuration - 16628

The problem with the vertical scroll bar not being visible on the 'Lines' page of the Sales Line notebook when more than 100 sales lines are present, is now resolved.

Sales – Order Entry - 19494

Moving Quote from 'On Stop' to 'Quote Lost' status moved quote in 'Sales Quote - Live' view instead of 'Sales Quote - Complete' View. This is now corrected.

Reports – 20962

The problem with Reports 'Preview' not redirecting the report output to the 'Microsoft Print To PDF' printer even if installed is now resolved.

Sales Client - 18753

The problem with the Express Sales Client being unable to create a database using the Sales Data sent by the fabricator is now resolved.

Products- Panels – 20977

The problem with the change of Panel sizes after upgrade is now fixed.