

# Windowmaker Option

## Sub-batching



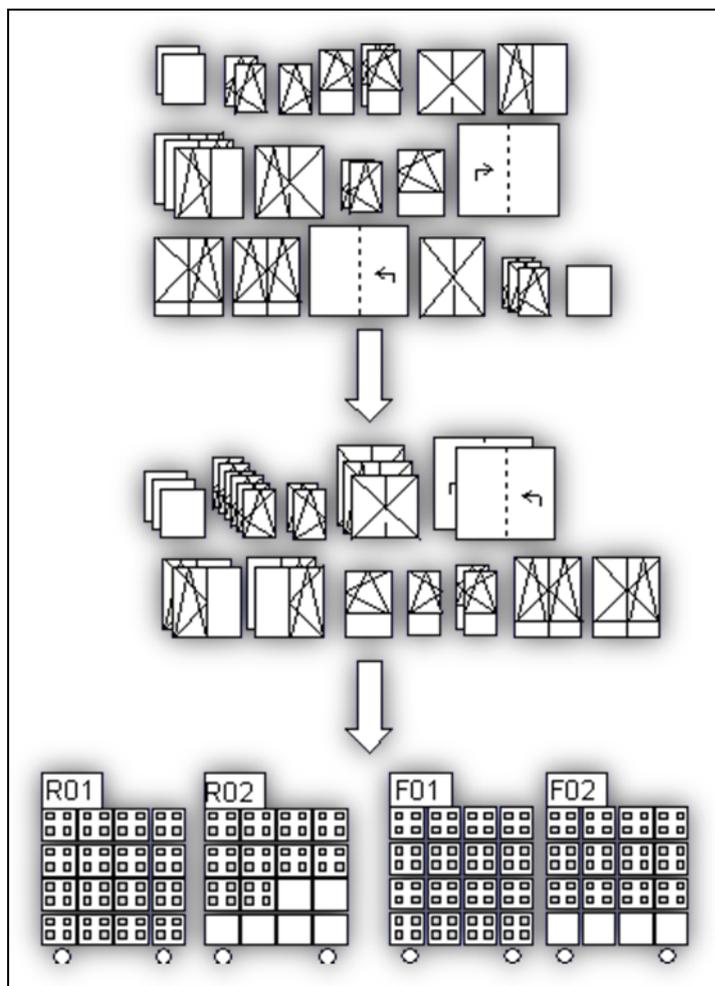
### Overview

A facility to split production batches into manageable *sub-batches*, to allow almost any batch size to be easily processed.

### Benefits

#### The Fabricator

- ▲ Saves planning time by handling large batches with ease
- ▲ Increases efficiency by balancing production flow with maximum material yield
- ▲ Saves time by sorting a batch by window types or Sales Orders
- ▲ Saves planning time by being able to define the exact size of sub-batch
- ▲ Improves operational efficiency by sorting sub-batches to suit production methods
- ▲ Minimises set-up time and maximises throughput, by sorting sub-batches into similar groups
- ▲ Saves valuable time and avoids mistakes by identifying trolleys for each sales line accurately
- ▲ Minimises off-cut handling by pre-cutting for subsequent batches
- ▲ Minimises equipment handling and change over time for tools.(e.g. welder block)
- ▲ Potentially increases maximum production capacity by streamlining the workflow through the factory
- ▲ Gains the ability to sub-batch glass units and indicate to the Glass Supplier the ideal sequence (from the Fabricator's perspective) for the glass to be arranged on the trolley
- ▲ Can verify the production plan for a batch before actually starting the production



### Features

- ▲ You can:
  - △ Define the exact size and the sorting criteria of a sub-batch
  - △ Define the maximum number of windows or doors in each sub-batch
  - △ Control sorting by anything that can be tested in the rules (e.g. design, O/F type, no. of mullions and transoms, size, etc.)
  - △ Allocate separate trolleys for Frames side, Sash side, Frame/Sash Transoms and Mullions, and French Mullions
  - △ Define sub-batches based on the number of profiles per slot, slots per trolley and trolleys per sub-batch
  - △ Divide the sub-batches to suit racking capacities of trolleys
  - △ Generate a 'Production Plan' Crystal Report to print the details of a sub-batched production batch
  - △ Output the following details using the 'Production Plan' report
    - △ Sub-batch
    - △ Trolley

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- △ Slot allocation
- △ Sequence of the frames
- △ Total number of slots required per Trolley Type per sub-batch
- ▲ Specify sub-batching and trolley parameters for different sites. This requires the 'Multiple Locations' option

**Note:** The report can be generated from the Reports menu or by using the tool button on the 'Production Batch' notebook

Production Plan		Your Company		6 Nov 99	
Batch No.: SAMPLE					
Sort Key: 1		Frame		Vent	
JOB001/003	Residoor L	*F 1/01	1	*V 1/01	2
JOB002/003	Residoor F.R	F 1/02	1	V 1/03	2
JOB001/001	Casement F	F 1/03	1		
JOB002/001	Casement T/F	F 1/04	1	V 1/05	1
JOB001/002	Casement T/T	F 1/05	1	V 1/06	2
JOB002/002	Casement L.T/F	F 1/06	1	V 1/08	2
JOB002/002	Casement L.T/F	F 1/07	1	V 1/10	2

- ▲ The program can:
  - △ Allocate sales line components to slots in different trolleys
  - △ Display the trolley and slot numbers for each sales line in the Production Plan
  - △ Pre-cut profile pieces for a subsequent sub-batch or trolley, wherever possible. This also requires the [Bar Optimisation](#) and [Re-usable Offcuts](#) options
- ▲ You can sub-batch Glass and generate [Usage](#) reports with Trolley/Slot information in format reports
- ▲ You can generate Production Documents that print Trolley/Slot information when run on a Sub-batched Production batch

### Related Options

- ▲ You need [Windowmaker Express](#) or higher