

Windowmaker Option

Reusable Glass Offcuts



Overview

The use of Reusable Offcuts, through optimising your production, ensures the most efficient use of profiles to reduce wastage and save time and money.

How it works

Once a Sales Order has been created, and a batch or sub-batch sent for production, Windowmaker will minimise profile wastage and offcut handling by cutting in advance for subsequent sub-batches.

The automatic process means that optimising the use of profile stock, and any offcuts, is simple to do and handled automatically.

Key Features

- ▲ Add and view offcuts associated with saws or stock records
- ▲ Up to 999 offcut records can be stored for subsequent use during optimisation
- ▲ Edit the list of offcuts to allow for those used or produced manually
- ▲ Define per profile the length that is worth saving as an offcut
- ▲ Define the smallest length that can be loaded on a saw
- ▲ Choose to use stored offcuts or standard stock lengths, during optimisation
- ▲ The program can check if offcuts generated in the current sub-batch are reusable in the following sub-batch, and allow the profile to be cut immediately (pre-cut) so that no offcut arises
- ▲ Optimise standard stock lengths after offcuts have been processed
- ▲ Remove processed offcuts from the file

Related Options

- ▲ **Hardware:** Standard Windowmaker Specification. For more details click [here](#)
- ▲ **Software:** Windowmaker Lite, Advanced, Express, SQL or ERP, Windowseller. Please note, Windowmaker Lite is not capable of storing offcuts in the database
- ▲ The options [Bar Optimisation](#) and [Sub-batching](#) are required

The screenshot displays a software window titled 'YOUR COMPANY' showing a list of profiles and offcuts. The table includes columns for 'DESCRIPTION', 'Profile', 'STOCK No.', 'Finish', 'SLOT', 'JOB', 'QTY', 'Length', 'SIZE', and 'SQU TICK'. The list shows various profile lengths and quantities, with some entries marked as 'Offcut' or 'Waste'. Several callout boxes provide detailed information:

- Profile loading instructions:** show saw track orientation.
- All possible pair orientations:** can be handled: Parallel, Mirror.
- Trolley/slot numbers:** are generated by Sub-batching.
- Two levels of Pairing:** are available:
 - Simple:** opposite sides of frame/sash rectangles
 - Sophisticated:** advanced logic which can handle:
 - reverse butt welding
 - multi-line transoms
 - tooling restrictions of working centres, such as for V-notch, handle & drainage operations
- Sophisticated pairing:** can automatically change from pairing to single-cutting according to user-defined parameters reflecting the saving to the business.
- Pre-cutting:** for the following trolley/sub batch can help to eliminate the handling of offcuts during a working day.
- LOAD 1 PAIR OF 1800mm OFFCUTS**
- LOAD 4 PAIRS OF STOCK LENGTHS**
- Distinction between Offcut and waste:** the minimum offcut size can be defined for each individual profile. The minimum load length for saw can be defined independently.
- LOAD 1 SINGLE STOCK LENGTH**

The table at the bottom shows a 'TOTAL' row with values: 47, 60290, 98.33%, 9.