SPIL

THINKING ABOUT PROFITABILITY

SPIL ADVANCED BATCHING

Smart batching, rack planning and production sequencing for flat glass fabrication

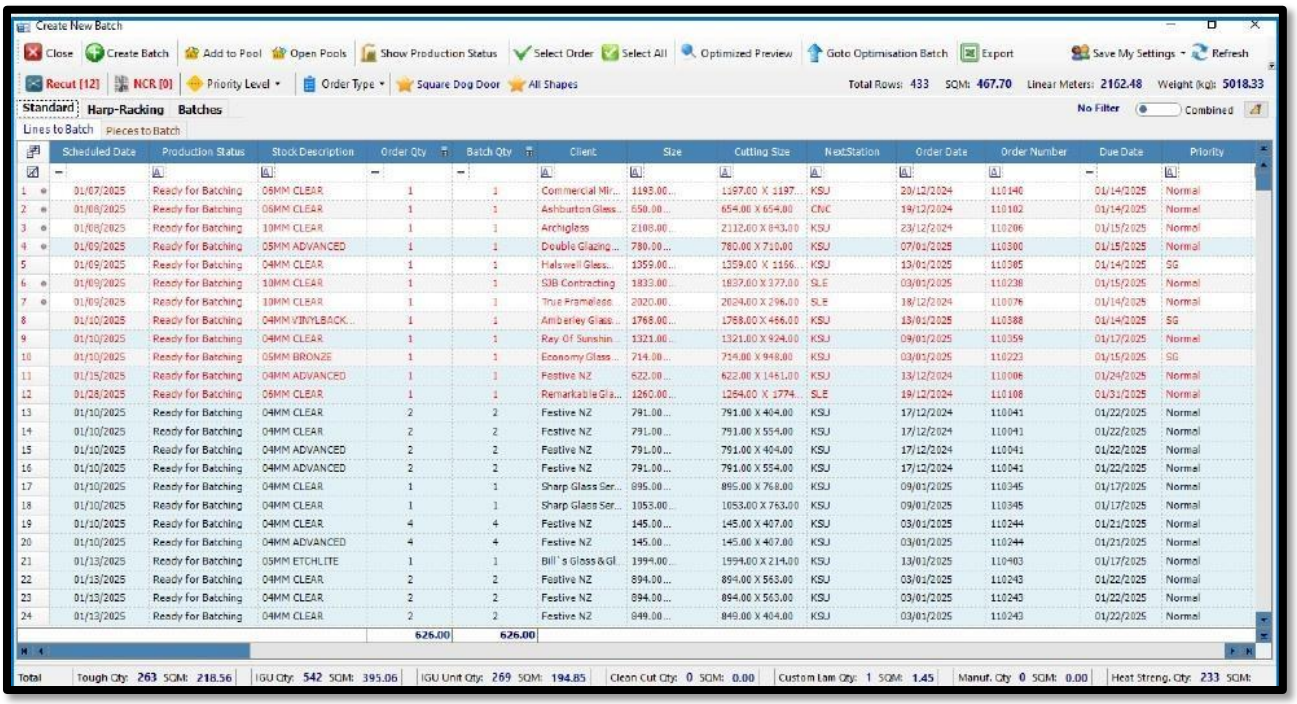
Smarter batching. Better visibility. Stronger production control.

Structured Batching from Planning to Cutting
Plan priorities, manage standard and IGU batches, control production runs and prepare accurate cutting information.

SPIL Advanced Batching provides a dedicated production-planning workspace for converting verified glass orders into controlled, traceable and production-ready batches. The process begins in Planning & Optimisation and continues through batch creation, linked production runs, reporting and the Cutting Console.

- Dedicated Advanced Batching icon within Planning & Optimisation
- Custom filters, process indicators and priority controls
- Separate Standard Batching and Harp-Racking workflows
- Master and linked Secondary Batches for different production runs
- Batch reports, cutting preparation, recuts and Optimisation readiness

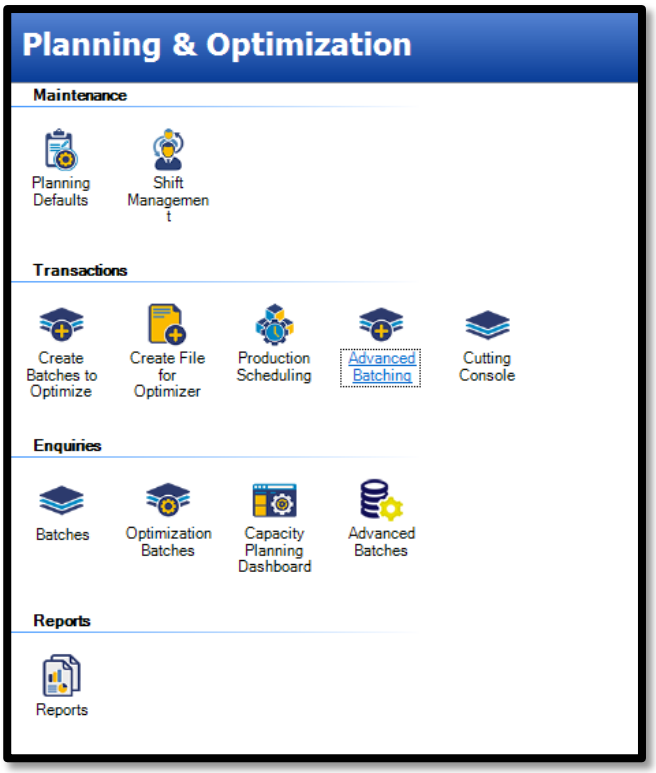
Advanced Batching landing page



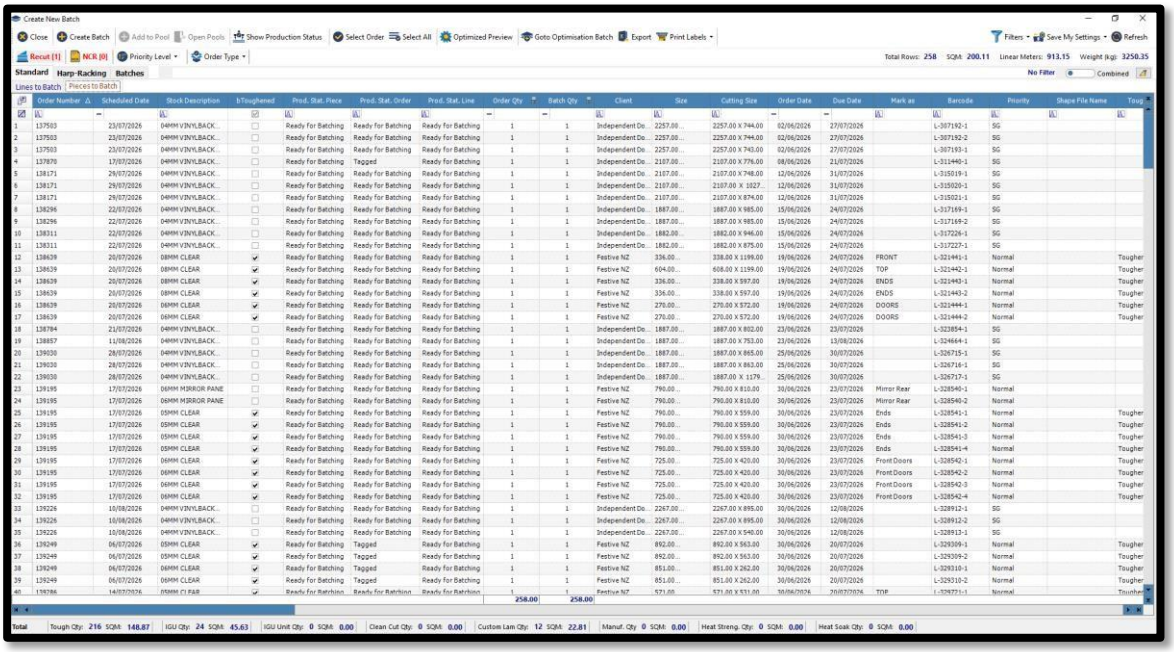
Your Starting Point for Smarter Batch Planning

Advanced Batching is available as a separate transaction within the Planning & Optimisation module, giving planners a clear starting point for the full batching workflow.

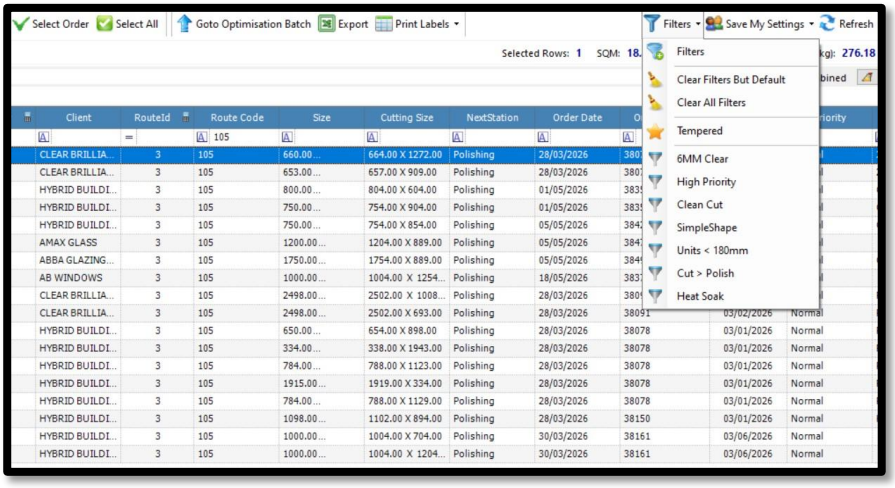
Dedicated Advanced Batching icon

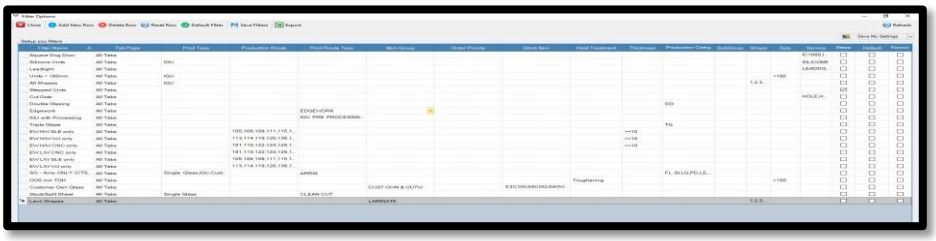


Centralised Batching Workspace

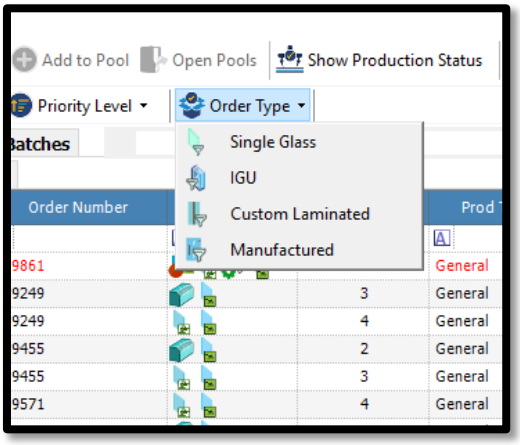


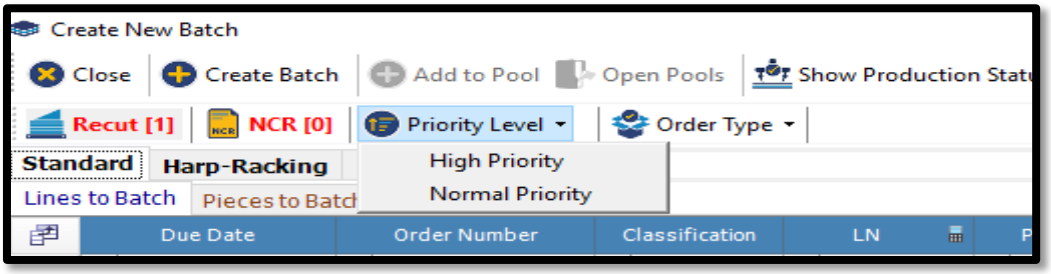
Create and save customised filters





Priority, order-type and process indicators

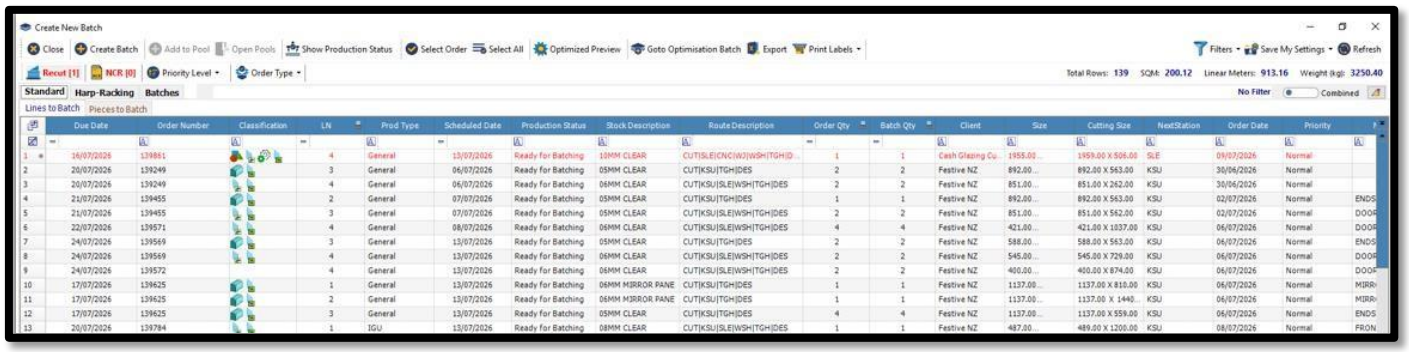




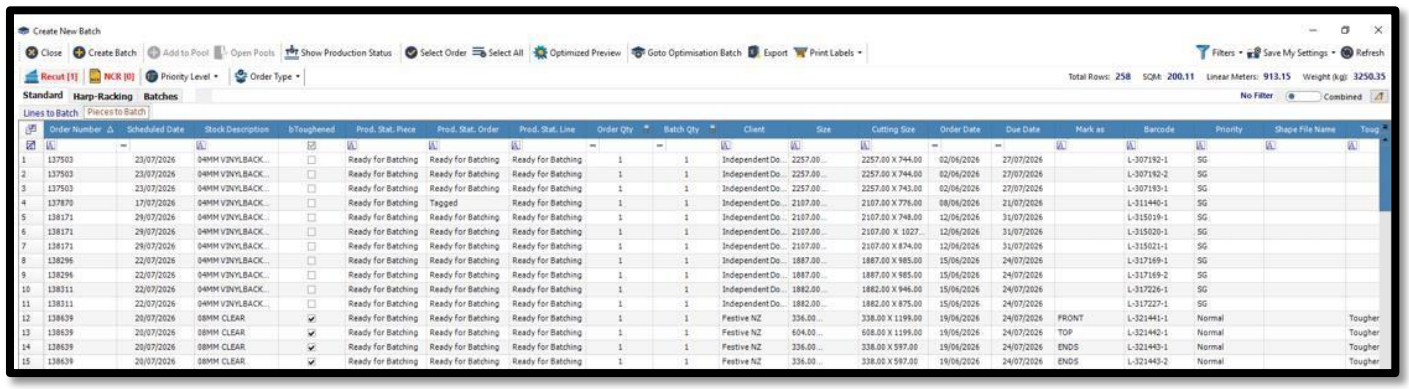
Standard Batching for Single Glass Orders

The Standard tab is designed for verified non-IGU glass orders and gives users both grouped and piece-level control when creating batches.

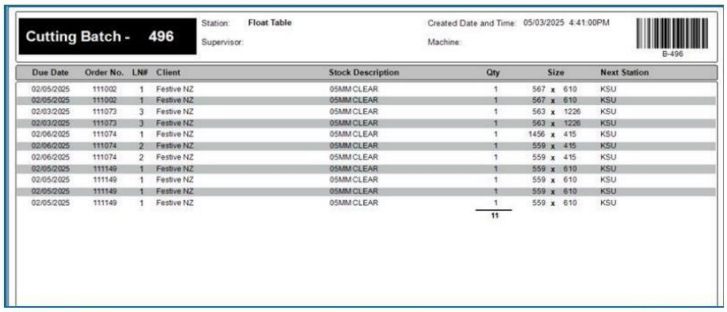
Lines to Batch

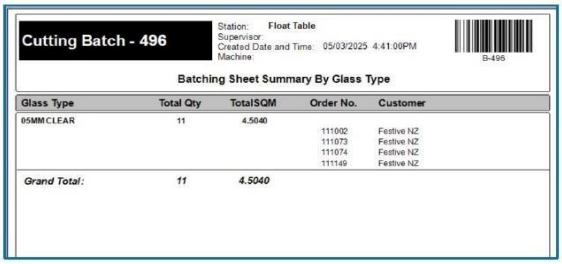


Pieces to Batch



Detail and glass-type





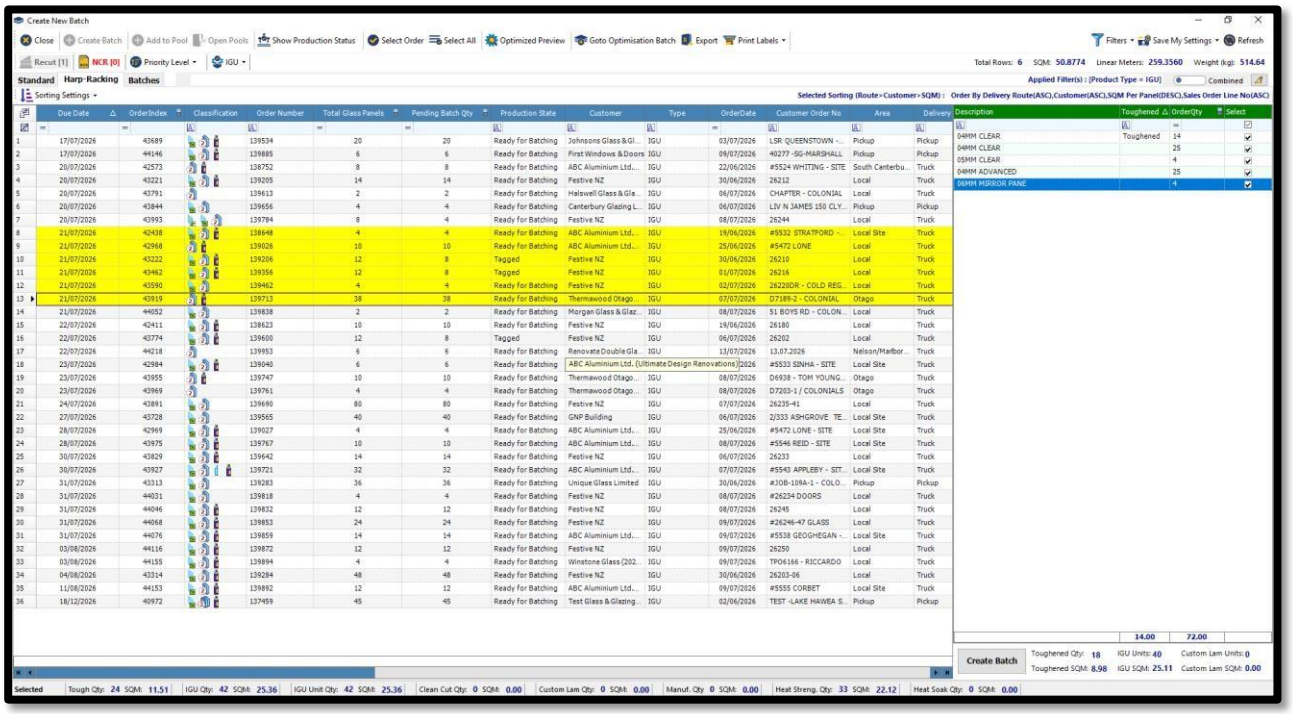
Standard Batching sequence

- Review orders as complete lines or expand them into individual glass pieces.
- Select the required work and create a new batch, or add it to an existing batch.
- Assign a batch reference and colour so the batch is easy to identify.
- Generate detail or glass-type summary reports to support cutting and production preparation.

Harp-Racking for IGU Production

Harp-Racking provides a dedicated batching process for double- and triple-glazed IGU orders, keeping insulated-glass production separate from standard single-glass work.

Harp-Racking selection and batch creation



Create a new batch or add to a Draft batch

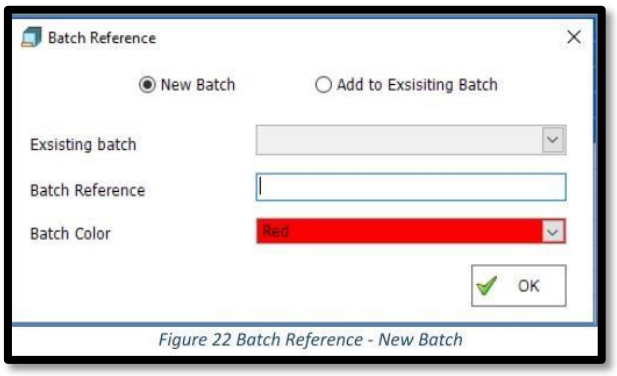
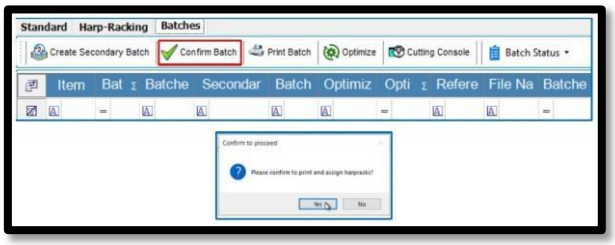


Figure 22 Batch Reference - New Batch

Confirm the Harp Rack batch



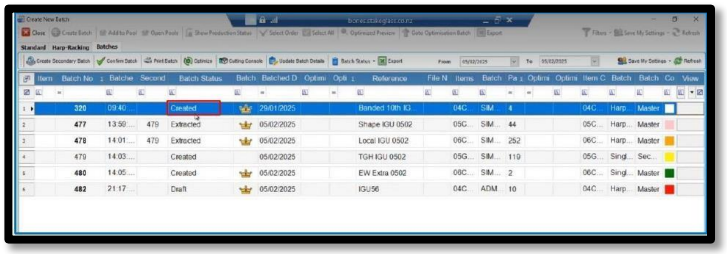
IGU batching controls

Dedicated IGU selection Verified IGU orders are displayed in the Harp-Racking tab, with selected orders clearly highlighted.	**Controlled creation** Create a new Harp-Rack batch or add orders to an existing batch that remains in Draft status.
Confirmation stage Harp-Rack batches must be confirmed before printing, optimisation or secondary-batch processing can continue.	**Production documentation** The Harp Rack Print Utility supports reports, spacer cutting information and label preparation.

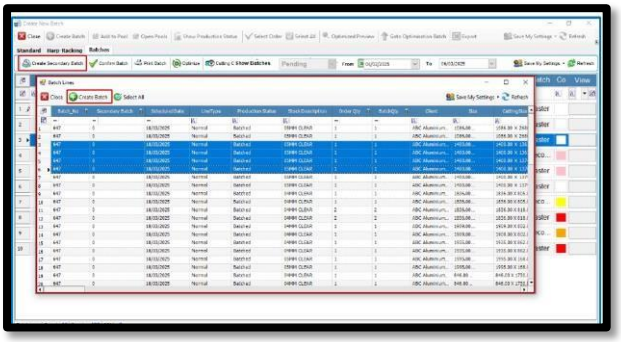
Master and Secondary Batches for Different Production Runs

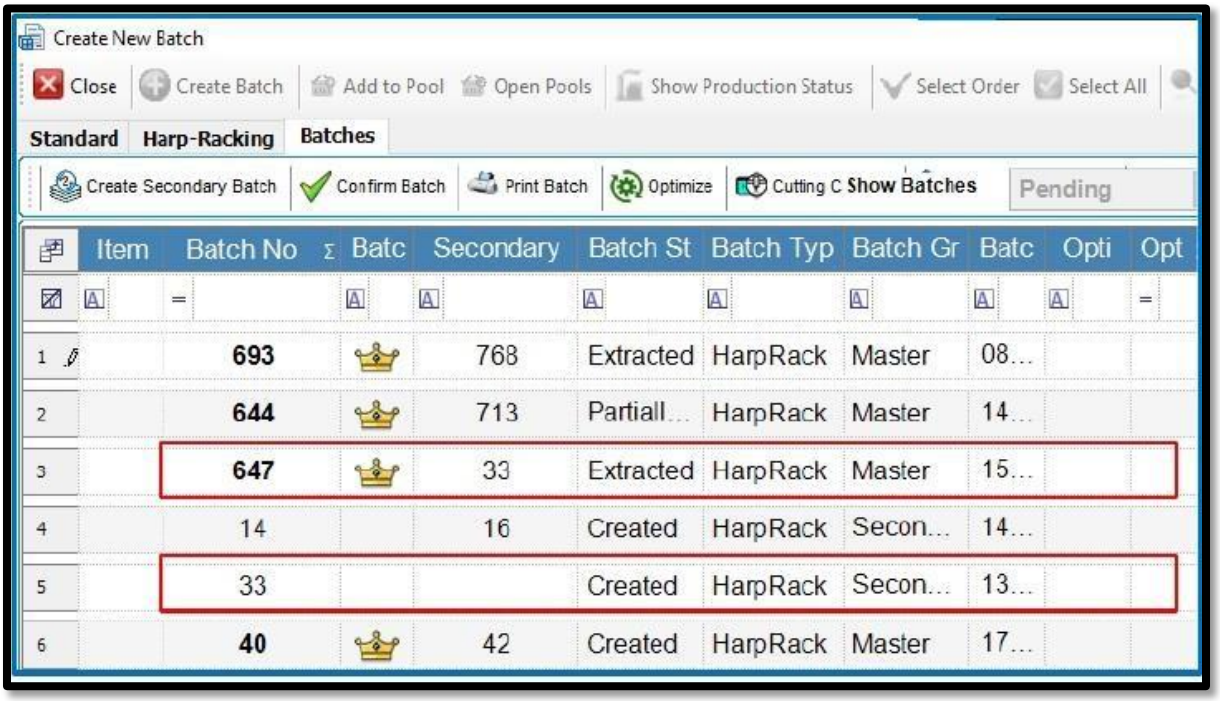
SPIL keeps the main IGU batch relationship intact while allowing selected glass pieces to be extracted into linked Secondary Batches for separate processing routes.

Batch statuses and Master Batch icon



Extract selected pieces into a Secondary Batch





Linked Master and Secondary Batch relationship

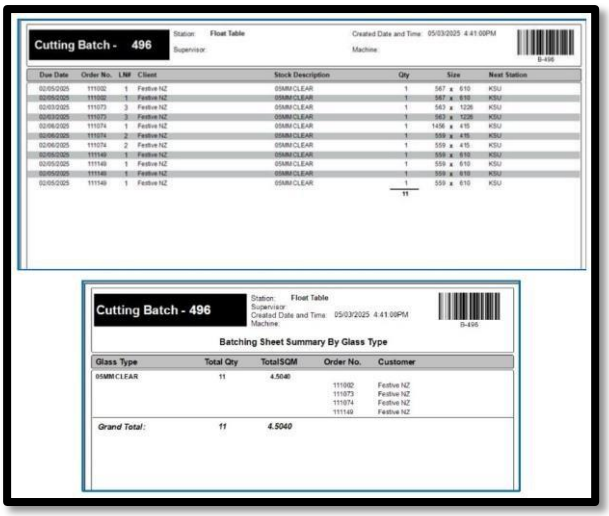
Linked Batch Management for Flexible Production

- The Master Batch remains the main production batch and is identified by the crown icon.
- Selected pieces can be extracted into one or more linked Secondary Batches.
- Secondary Batches support different production runs, such as pieces that require separate services or processing stages.
- After extraction, the Master Batch shows the linked secondary number and an Extracted status, while the Secondary Batch is shown as Created.
- The link between all related batches remains visible, helping planners track work until it returns to the main IGU production flow.

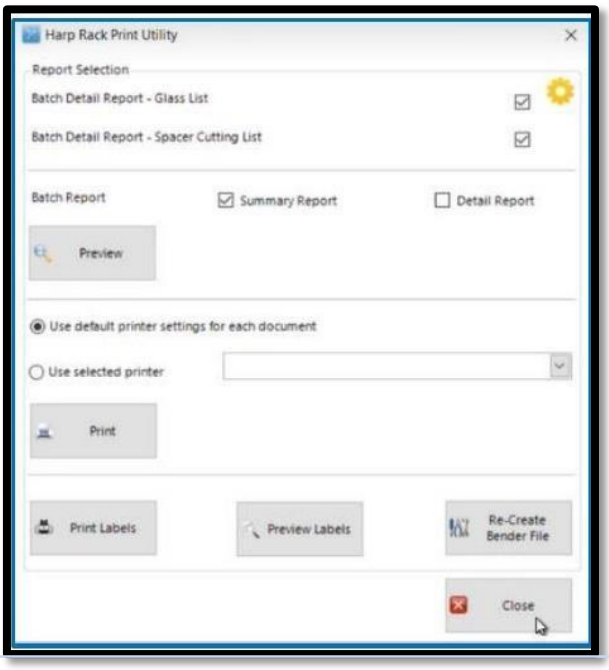
Cutting Reports and Cutting Console

After batching is complete, SPIL provides the reports and cutting information required to move the selected work into optimisation and factory execution.

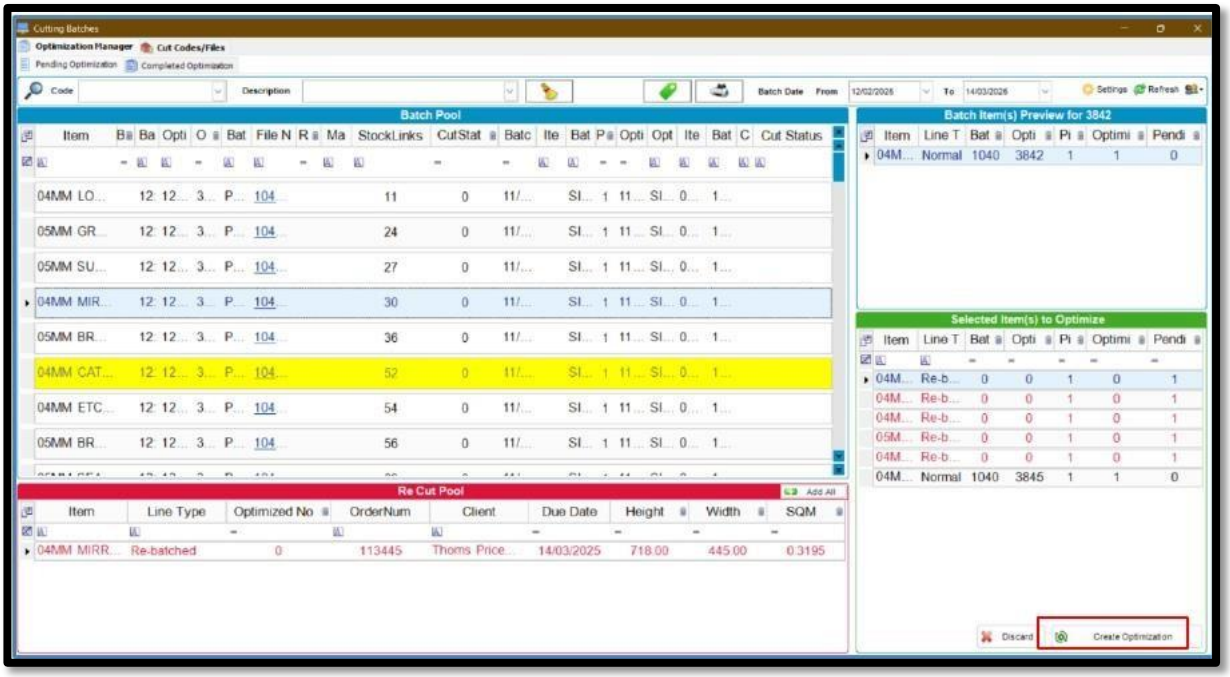
Standard Batch detail report



Harp Rack Print Utility



Batch Pool, Recut Pool and Optimisation Pool



From Batching to Cutting

- Generate batch detail, summary, spacer and Harp-Rack documentation for production teams.
- Open the Cutting Console directly from the Batches tab or Planning & Optimisation.
- Select a batch, preview its items and move the required work into the Optimisation Pool.
- Add matching recuts individually or in groups before creating the final Optimisation.

Testimonials

Brandon and Peter- Directors
WA GlassKote, Perth – Western Australia

Today, we are Perth's largest manufacturer of glass splashbacks and have now expanded into large format porcelain tiles without the need for further software investment. We recommend contacting SPIL Software and discussing ways to increase your profits.

Steve Reynolds – IT Manager
Chevron Glass Pty Ltd, Adelaide – South Australia

The dedicated SPIL Glass team worked closely with Chevron Glass staff and continue to do so, offering efficient program development and communication with key Chevron staff. A good working relationship has been established and continues to develop.

Christian Auer - Head of IT
Rottler und Rüdiger und Partner GmbH – Germany

Our main company is Rottler und Rüdiger und Partner GmbH, a manufacturer of special machinery for IGUs' and MPK Modelle profile Konfektion GMBH is our subsidiary supplier of final material components for IGU manufacturers and for that we use enhanced features of SPIL Opti to produce those profiles.

Contact & Support

We’re here to help. Reach out to our team for sales, support, or general enquiries across Australia and the USA.

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