Batch Style Cutting

Optimization Software for Flat Glass Fabricators

Batch Style Cutting is a schedule-based, glass cutting optimization package that uses a sophisticated layout generation algorithm to deliver high yields in an easy-to-use platform.

HP3's Batch Style Cutting offers flexible control over the batch prior to optimization, giving users the opportunity to accommodate high priority jobs or jobs that may produce poor yields. Cycle times are reduced and yields are increased.

HP3's Batch Style Cutting can be integrated with a number of manufacturer's equipment, making the transition seamless without the need to invest in new cutting equipment.

Cutting Equipment Independent

Seamlessly integrates with any cutting platform, regardless of the manufacturer

Batch Style Cutting can be integrated with any cutting platform, regardless of the manufacturer. The software can be seamlessly added to new or existing equipment, without the need to invest in new equipment.

Flexible Batch Control

High priority orders or orders projected to produce a bad yield can be combined to shorten cycle time and increase yield

Entire or partial batches can be combined before optimization in order to handle high priority orders, or orders that produce bad yields. This allows for shorter cycle times for your orders and further increases cutting yields.

Glass Stock Prioritization

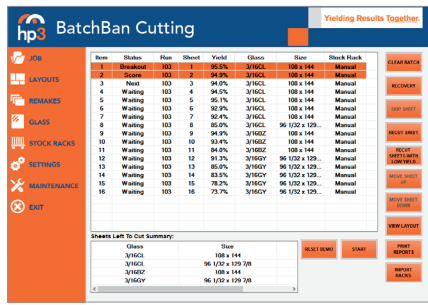*Priority can be placed on specific stock sizes to keep costs down*

By allowing users to prioritize the different stock sizes for each glass type, they are able to favor one stock size more than another. This enables the user to use more of stock sizes that are less expensive on a per-square-foot basis.
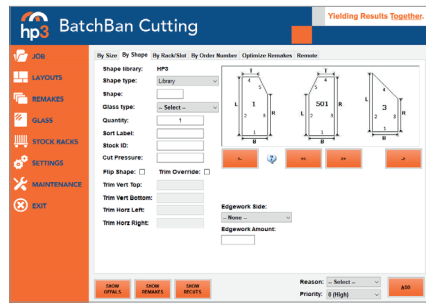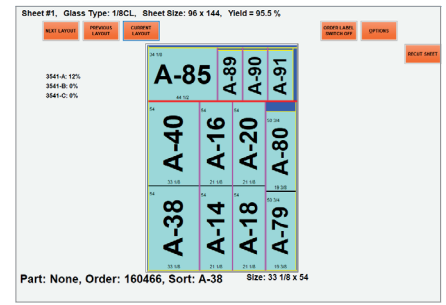
More Features >

hp**3**software.com

Yielding Results <u>Together</u>.

Main Screen

Remakes Screen

Layout Screen

hp3 Batch Style Cutting

Remote Remakes

Remakes can be initiated from anywhere in your facility providing you with real-time tracking and control

Remakes can be entered in real-time from anywhere within your facility via HP3's Order Entry System automatically or added manually prior to optimization. These pieces will be considered during the next optimization cycle, giving the optimizer more pieces to choose from and subsequently resulting in a better yield. Users save not only time tracking remakes, but also money by reducing scrap.

Automated Offal Usage

Identifies, stores, and reclaims offal in a faster, more efficient manner than traditional optimizers

Offal, commonly referred to as scrap or remnant, is identified, stored and tracked just as a normal stock sheet would be utilized. These commonly neglected sheets can be given priority and therefore utilized quickly. The priority on these sheets means offals are less likely to become unusable due to expiration or physical damage, resulting in larger savings.

Extensive Shape Library with Shape Nesting

Flexible shape handling capabilities give fabricators advantage in product offerings

Batch Style Cutting can accommodate most major vendors' shape libraries, as well as DXF shapes. This gives fabricators the advantage to offer customers new products and therefore attract new business.

DXF File Cutting Capability

Simple DXF shapes can be utilized and optimized with HP3's Batch Style cutting package

Low Priority Stock Integration

Stock pieces, commonly referred to as low priority, are integrated and used when possible

Many fabricators carry stock in some products. These are items in which they sell enough to justify a stock, but they are not necessarily high priority. We refer to these stock pieces as low priority, or filler pieces. During optimization, the software can place as many of these low priority pieces as possible on the sheets in order to improve the cutting yield.

Microsoft SQL Database for Greater Data Integrity

Reliable, redundant data storage and retrieval for higher productivity

Microsoft SQL provides reliable and redundant data storage and retrieval which allows for less downtime and higher productivity. If a customer doesn't already have a version of Microsoft SQL, a free version of Microsoft SQL Server Express is included with the installation.

Edgework

Flexible options available for custom edgework

Customers can create their own Edgework Type (names). Once a name and value is created, such as ¼," they can select how many sides need edgework added. For example 2L2S means all the way around – 2 long sides and 2 short sides, whereas 1L2S would mean 1 long and 2 short. All scenarios can be selected from 1L or 1S to 2L2S. You still create the ordered piece in the true dimension needed and the edgework is added to those dimensions automatically.

Reports

A number of standard reports are available. Below are a few of the most common reports–

- Glass Usage (Yield) Report
- Schedule Summary Report
- Rack Report

- Recuts and Remakes Report
- Low Priority Glass Report
- Purchased Glass Report
- Unscheduled Orders Report

Learn more: **hp3software.com**   Call: **724.933.9330**   Email: **info@hp3software.com**

All HP3 Products come with **Exceptional Customer Service**. 24/7 Remote customer support is available to all HP3 customers, resulting in less downtime and higher productivity.