Supported Processes

Interfacing Capabilities for Flat Glass Fabricators

"HP3's technical support is tremendous. The ability for their team to connect to our system and fix the issue keeps the downtime to a minimum."

—Dana Hawkins, Ventana USA

Barcode Scanning

In most facilities, it is crucial for production to know where every piece of glass is at any given time. HP3 offers barcode scanning which provides fabricators with the ability to track every unit of glass throughout the facility. Whether the barcode is printed on a label or laser marked on the glass, HP3 can help you track it.

Edge Seaming Integration

HP3 Edge Seaming Integration software is most commonly used in conjunction with tempering software and laser marking software. Once a furnace bed load is optimized, HP3's Edge Seaming Integration software provides operators with a piece-by-piece display of the sequence in which glass should be loaded on the furnace bed. A layout of the piece to be edge seamed, along with dimensions, rack, slot and sequence number are displayed. Once a piece has been seamed, the operator engages a footswitch or pushbutton to display the next piece information.

IG Line Integration

HP3's Order Entry System stores a large volume of detailed information regarding each piece of glass, spacer, pane type, grid data, gas type, etc. that make up an IG unit. To bridge this information for downstream IG processing, HP3 takes this information and generates ASCII text transfer files. These files can be adjusted based on the IG Line provider's data requirements and made available. HP3 effortlessly communicates the information necessary for seamless processing, start to finish.

More Features >

hp3 Supported Processes

Laser Marking Integration

In most cases, tempered glass for architectural applications is required to have a permanent identification label that includes the manufacturer and the safety glazing standard with which it complies. Some companies sandblast this information while others use a laser marking system to place the permanent label. Although this code identification may be a static mark, HP3's Laser Marking Integration software can be used to pass data variables to the laser marking system, such as glass dimensions, barcode, or any unique identifier requested by the customer. The software displays the orientation and the location to be marked for operators. The marking process can be integrated into a continuous line with sequential breakout pattern or completed rack(s) based.

Order Entry System

Our web-based Order Entry System (OES) allows users to manage all production data including orders, racks, schedules, remakes, glass stock, low priority items, purchased items, reports, customers, shifts, settings, and users. This simple, straight-forward system is used to import data from an existing customer order entry system or manually enter data, necessary for other HP3 Software products such as BatchBan Cutting, BatchBan Laminating and BatchBan Tempering.

Production Monitoring

HP3's Production Monitoring software is used as a visual tool for plant floor managers, supervisors and operators, providing a real-time snapshot of important production data. Information such as real-time square footage cut is displayed, giving operators an idea of how they are performing against their shift goal. Goals can be set and tailored to each individual shift. This visual tool not only keeps operators on schedule but also brings a touch of competitiveness onto the production floor, driving each shift to outperform the others and exceed their goals.

Real-Time Feedback

In many cases, customers have their own inventory system or ERP system already in place. These systems often require information to be passed from HP3 Software back to their software. For these customers, it is common for HP3 to generate Transaction Files to keep inventory and/or tracking systems up-to-date in real-time.

Real-Time Transaction Files can contain anything from details of the glass, including type, dimensions, ID, yield percentage, and more, to individual order details, including dimensions, rack/slot assignment, etc. These files can be generated from any process in the facility done by HP3.

As long as the data exists in the database, it can be passed through a transaction file.