



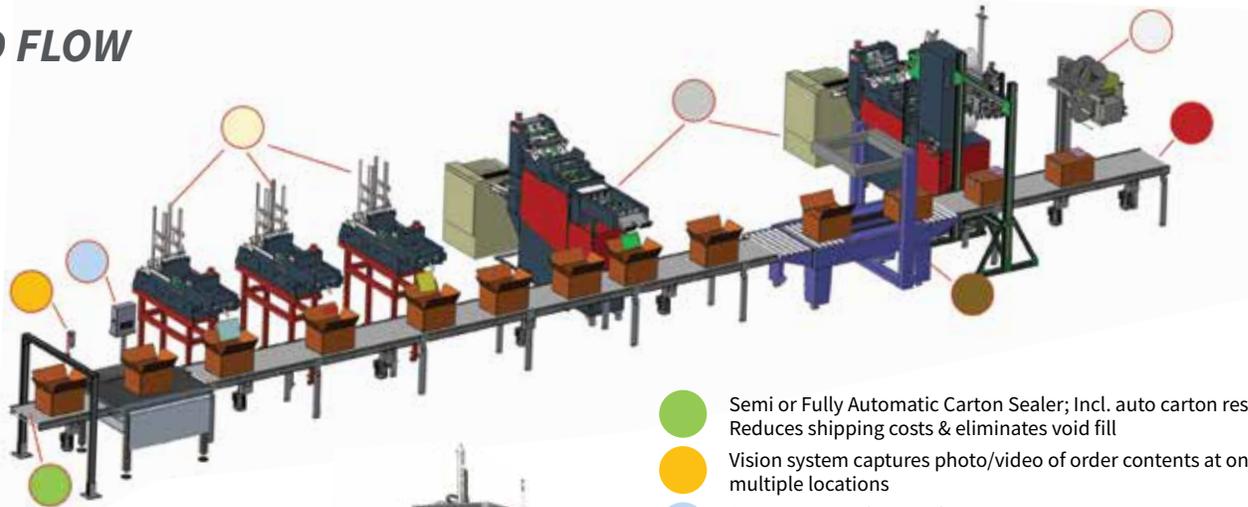
AUTOMATIC AND SEMI-AUTOMATIC PACK STATIONS

We specialize in the last 100 feet of the order fulfillment line to help high volume distribution centres optimize throughput and accuracy while reducing labor costs.

PSI Engineering is the technology leader in the manufacture and integration of automated pack and sortation systems, print-on-demand systems, and print-and-apply systems for even the most complex high-volume warehouse and distribution environments.

We design, build and integrate fully configured pack station and order fulfillment automation solutions. Our systems ensure increased throughput and accuracy, greater reliability and seamless operation, while reducing labor costs. We deliver projects 100% on time, 100% on budget and 100% within scope – guaranteed.

RAPID FLOW



OPTIONAL EQUIPMENT



- Semi or Fully Automatic Carton Sealer; Incl. auto carton resizing. Reduces shipping costs & eliminates void fill
- Vision system captures photo/video of order contents at one or multiple locations
- Check weight of carton for order accuracy and/or shipping requirements
- Auto Selective insert of static literature; with/without barcode verification
- On Demand Personalized Documents; packing slips, MSDS, "Thank you for your order" notes; placed inside or outside box
- Semi to fully automatic Carton Sealing
- Automatically prints and applies shipping label
- Shipping Sorting options

RAPID SORT-N-PAK



Better order accuracy



Lower labor costs



Greater order fulfillment capacity in a smaller footprint

The Rapid Sort-N-Pak is an eCommerce distribution solution designed to dramatically improve the speed of packaging single and multi-item orders using a bagging system.

When combined with PSI's Fulfillment Integration Control Software (FICS), the system identifies the totes and aggregates them with related documents, such as packing slips. This system can also help to encourage repeat purchases by using the LC In-Feeder component to automatically insert sales collateral, catalogs or marketing materials, for example.

Rapid Sort-N-Pak delivers better multi-item order sortation rates, which increases throughput and reduces manual packing stations. The result is enhanced labor efficiency, reduced system bottlenecks, and improved order fulfillment.

RAPID FLOW



Streamlined order fulfillment



Improved throughput velocity



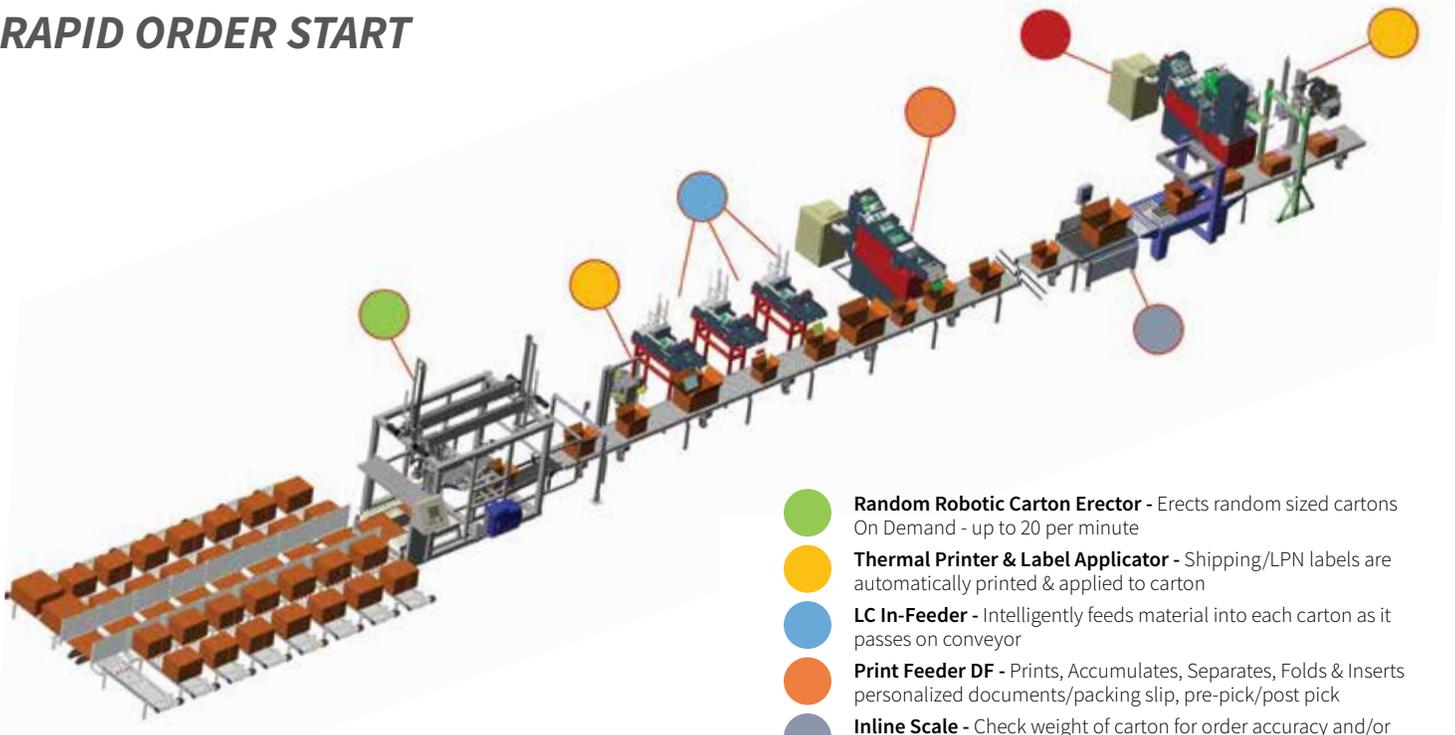
Reduces shipping costs

The Rapid Flow automated pack station line incorporates a carton erecting system with an optional sizing optimizer and comes with semi or fully automatic carton sealing functionality.

The Rapid Flow is a fully configured line with interchangeable equipment that is both scalable and programmable. These features make it ideal for Direct-to-Customer (D2C) shipments, mail order and internet eCommerce order fulfillment.

Pre-printed personalized documents and packing slips can be automatically placed in the box along with marketing materials, catalogs, or other print on demand documents. Shipping labels are automatically printed and applied to the boxes, an inline scale checks weight, and a vision verification system captures every transaction for shipping accuracy.

RAPID ORDER START



- **Random Robotic Carton Erector** - Erects random sized cartons
On Demand - up to 20 per minute
- **Thermal Printer & Label Applicator** - Shipping/LPN labels are automatically printed & applied to carton
- **LC In-Feeder** - Intelligently feeds material into each carton as it passes on conveyor
- **Print Feeder DF** - Prints, Accumulates, Separates, Folds & Inserts personalized documents/packing slip, pre-pick/post pick
- **Inline Scale** - Check weight of carton for order accuracy and/or shipping requirements post pick
- **Autoslip** - Automatically prints and applies shipping label, packing slip, return label, documents, pre-pick/post-pick

RAPID ORDER START



Lower labor costs



Increased picking station throughput



Improved same day delivery

The Rapid Order Start system is a fully configured pre-pick line for integrating automation in order fulfillment processing.

The versatility of our Rapid Order Start system is scalable and rapidly deployable. Its components are interchangeable and programmable using PSI's Fulfillment Integration Control Software (FICS) to meet specific pack station automation needs.

The FICS software is a key feature of the Rapid Order Start system. It works to identify, pre-sort, and aggregate orders for streamlined picking. It also facilitates the insertion of packing slips and marketing materials, greatly reducing shipping bottlenecks.

SEMI AUTOMATIC PACK STATION



Specific to each customer's requirements



Implemented to fit within existing footprint



Superior ongoing service and support

PSI is committed to designing, manufacturing and distributing superior quality automation and order fulfillment products and systems to meet the specific needs of our clients.

The automation process doesn't have to include an entire end-to-end pack station line. It can begin with a single piece of equipment to determine if pack station automation is a viable option, or to replace a small portion of a manual pack line.

Be it an individual component or a combination of machines, PSI's engineers will deliver the products and expertise you need to make the right automation decisions for your business, regardless of the size or complexity of the existing system.



INNOVATORS IN FULFILLMENT AUTOMATION

PSI is a technology leader in order fulfillment. We employ the best electrical, mechanical, controls and industrial engineers to deliver solutions for the most visible portion of your pack station automation – **the last 100 feet.**

We have served the eCommerce, mail order, manufacturing, 3PL, distribution, packaging, and order fulfillment industries for over 30 years.

Our systems combine patented equipment and turnkey software that increases warehouse throughput, reduces labor requirements and will decrease the distribution center foot print.