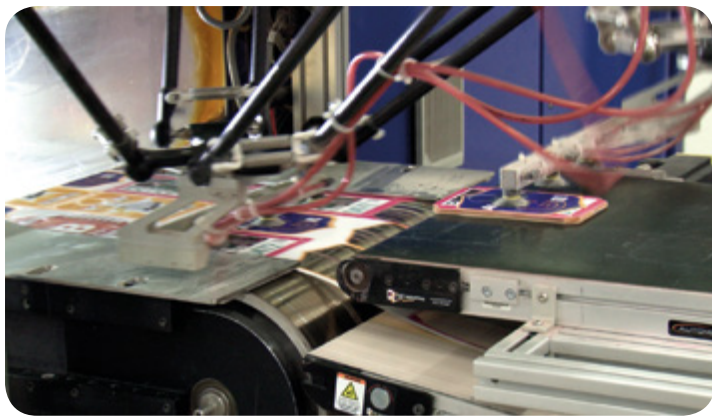


Xerox® Robotic Print Solution – Reduce Labour Costs with Automation

Streamline your production print, conversion and delivery operations with a flexible manufacturing solution.



Manufacturing processes for printed products can be complex. Your jobs may consist of signs, folding cartons, game pieces, greeting cards or other applications that will require cutting, joining, finishing or assembling. You already know that Xerox can help you print the colour images and variable content you need for your jobs. But you may not know that we can also create a customised manufacturing solution to fit your production requirements. Intelligent and flexible, the Xerox® Robotic Print Solution uses robotic technology to help you streamline your print, converting and delivery operations so you can boost your production – and your bottom line.

The Xerox Robotic Print Solution is designed to adjust to your needs rather than requiring development of an entire solution from the ground up. It can be delivered as an end-to-end system including variable laser cutting, it can be integrated with existing equipment such as a die cutter, or it can perform a subset of the tasks you need for your operation. The bottom line: it can help you do more great work, decrease your post-press processing time – and make your print manufacturing operation more flexible.

Key Benefits of the Xerox Robotic Print Solution

- **Programmable** – robotics technology can be customised to fit your needs, whether you're doing in-line finishing or converting of signage, packaging or other applications
- **Efficient** – can be integrated with your existing equipment or used separately for off-line production tasks
- **Fast and accurate** – robots operate at high speed with great precision and multiple robots can work on the same or different tasks
- **Productive and profitable** – handle more jobs with greater confidence, accuracy and speed and grow your bottom line

Handle critical printed product work processes with speed and precision.

Printing

With the Xerox® Robotic Print Solution, printing can be done either in-line or off-line and the output can then be fed into an automated converting line. Pre-press operations can be incorporated to compose jobs for the easiest downstream handling – so the final product is ready for delivery without additional touch labour. Operations may include processing of variable data or sequencing of parts or blanks. Your system can also include real-time status reporting on your jobs and press.

Converting

Based on the setup, either mixed or uniform sizes and shapes of items can be on the same sheet. Some of the printed output can be routed to one type of subsequent processing and other output to a different type of processing.

Depending on the application, printed sheets might be laminated, die-cut, folded, assembled or glued. Other converting actions could include folding a sheet into an envelope or erecting a box. Robots moving at high speed can be programmed to meet specific customer requirements for placing or feeding sheets. Robotic technology can also be used to insert or apply additional components such as an RFID tag.

Delivery Preparation

Delivery preparation usually consists of accumulating the finished output and then banding, shrink-wrapping, boxing or packaging it so that finished goods are ready for shipment. It is also possible to transfer work-in-process to another manufacturing step such as a folder/gluer.

Automation Success

Sophisticated, high-speed robotic solutions can provide the flexibility and speed needed to meet production requirements.



With a variable laser cutting option, sheets don't have to be identical. You can produce different sizes and shapes in varying order to meet your needs.

One Xerox® customer produces retail store signage that changes weekly. Since there is a varying mixture of signs for each store, multiple signs are imposed and printed on each sheet in the order in which they will be placed on the shelves. The sheets are laser cut and then a robot picks up the signs and places them into precisely formed stacks. The robot enables faster production and complete variability of sign sizes and shapes. It delivers exactly what the customer's marketing and sales departments request, in order to stand out in a highly competitive retail business environment. The flexibility of the solution has enabled them to beat their payback goals and improve profitability by increasing sales volume.

What's your manufacturing challenge?

If you want to increase your output, decrease your overall manufacturing time, maximise the efficiency of your manufacturing print operation or lower your unit costs, come talk to us!

www.xerox.com

