Lexmark™

RFID Laser Printing for Manufacturing

You already know that RFID technology has the power to speed and streamline production and shipping. But RFID labeling isn't without its challenges. Processes that require multiple devices for printing and programming tags, labels and documents can be confusing and time consuming for employees. In addition, most of today's RFID printers impose restrictions on how and what you print.

Lexmark's RFID Laser Printing for Manufacturing helps you take your RFID strategy to the next level. Our solution allows you to keep your existing RFID processes, while removing unnecessary steps that cause mix-ups and inaccuracies. By using a single Lexmark multifunction device to print labels and process documents, and program RFID tags, you'll be able to eliminate confusion and increase the impact of RFID technology on your organization.

A single device for better quality and speed

Today's RFID technology usually requires employees to print process documents and labels from one device and program the the RFID tag on another. That additional time and infrastructure take up valuable space and resources in your facilities. Not to mention, manually merging those documents, labels and tags can cause mix-ups, slow-downs and costly errors.

With RFID Laser Printing from Lexmark, you'll be able to consolidate printing and programming onto a single, multifunction device for increased speed and enhanced quality. RFID tags and corresponding process documents are all programmed and printed together in one integrated step for simplicity your employees will love. No more mismatched labels or managing multiple devices; just streamlined processing that inspires confidence and control.

A sight for sore eyes

When it comes to palletizing, packing and shipping operations, employees are often required to take note of multiple forms, labels and other visual indicators on a single item. Reading and processing that information quickly and accurately can be quite the challenge, especially since most RFID printers only support media up to 4" x 6" in size.

That's why our RFID Laser Printing solution supports printing labels and forms up to 8.5" x 14". This wider format enables you to print with larger fonts and accommodates integrated media for forms and labels that can be read at a glance, even from a distance. Larger media also allows you to print information that once spanned across several forms onto a single compound document to give employees a more immediate, complete view and cut down on errors and delays.

Color where it counts

Studies show that color labeling reduces errors, increases visibility and improves information retention. That sounds like a win-win-win. But most RFID printers only offer monochrome printing, and when all labels look the same, the important information they include can start to run together and go unnoticed.

When you choose RFID Laser Printing, you'll be able to introduce your forms and labels to the more vibrant world of color. It goes without saying that using color does more than just make your labels look better. Adding colored text to highlight important information can help distinguish between time sensitive shipments and standard delivery, reduce delays in locating work-in-progress, and help employees decipher tags sooner and with increased precision.

Security and tracking made easy

When it comes to security, manufacturers are vulnerable to both internal and external attacks, and need reliable ways to protect intellectual property, trade secrets and sensitive operational data.
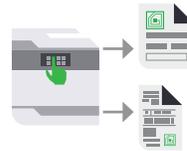
Since RFID technology gives you the ability to track the movement of critical documents, it's easier to see where and how sensitive information is being used. And, with Lexmark's RFID Laser Printing, you'll be able to take that protection even further. Our solution lets you print and encode RFID on standard documents so the tag and page are synchronized, eliminating potential mismatch and improving accuracy of document tracking.

Key features

▸ **Simultaneous printing and programming:** Program and print forms and labels simultaneously with a single datastream to prevent mismatches and errors.

▸ **Color printing:** Print text, barcodes and graphics in full color to make labels easier to read and instantly distinguishable from a distance.

▸ **Multifunction capabilities:** Leverage a single Lexmark MFP to print, copy, fax and scan while also enabling label printing and RFID tag programming on a single device.

▸ **Complex media support:** Print on a wide range of media, including cardstock, plain paper, a wide variety of labels or specialty media l, on sizes from 4" x 6" up to 8.5" x 14".

At work across your enterprise

Different manufacturing processes and work environments have their own set of needs and challenges when it comes to RFID printing. Lexmark's RFID Laser printing adapts to those needs, and works in a number of different use cases across your enterprise. Here are just a few examples:

Packing and shipping: Integrate, print and program all packing and shipping forms on a single device to reduce steps and avoid errors

Work in progress (WIP): Easily track rework and customization steps without manual intervention or line of sight technologies such as barcoding

Pallet labeling: Add RFID tags to pallet labels to speed processing and eliminate delays associated with hand scanning

Yard management: Easily track and locate assets across expansive storage lots without manual searches and audits

Secure document tracking: Monitor document check-in and check-out for increased insight and protection

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