

LEXMARK INDUSTRIAL OEM MUSTANG PRINTING SYSTEM

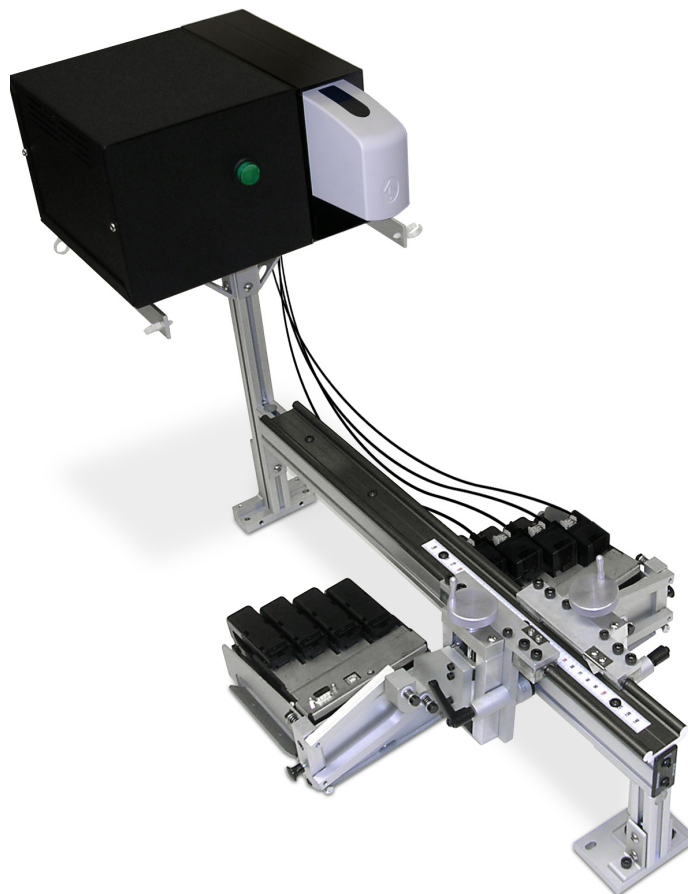
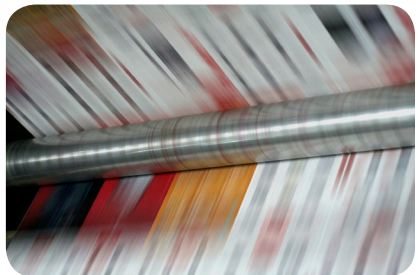
MAILING & ADDRESSING



BOX CODING



WEB PRINTING



FLEXIBLE, HIGH-PERFORMANCE INDUSTRIAL PRINTER

A ready-to-run, high-resolution, variable data digital printing system designed for OEMs to easily integrate Lexmark's high-performance, low maintenance thermal ink jet technology (TIJ) into a range of Mailing & Addressing, Web, and Package Printing industrial applications. Mustang is an OEM solution that is available as a complete solution or on a modular basis.

MODULAR, EASY TO USE & MAINTAIN

The Mustang printing system can print up to an 8" swath and additional Mustang systems can be added for wider print swath requirements. The Mustang printing system is easy to use and maintain. Optional application software provides for a complete, out-of-box solution that can quickly be up and running.

EXPANDABLE PRINT SWATH

A single Mustang printing system can deliver an 8" wide print swath via 4 Print Modules, each with a 2" print swath. The Print Modules are available for either single-use cartridges or bulk ink cartridges.

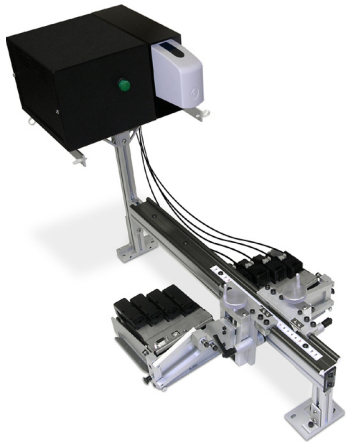
WIDE RANGE OF OPTIONS

Key options include Lexmark's OEM intelligent bulk ink system. When combined with the Mustang bulk ink printing module and Lexmark's industrial bulk ink cartridge, the bulk ink system facilitates high volume, cost efficient printing with limited user intervention. The bulk system is a turnkey upgrade that includes an external ink tank garage, intermediate tanks, as well as all necessary adapters and high-grade tubing.

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MUSTANG PRINTING SYSTEM SPECIFICATIONS

PRINT SWATH

2" Imaging Modules, expandable to 8"
Wider print swaths can be achieved
by combining multiple Mustang
systems

NOZZLES

640 nozzles per individual cartridge
2560 nozzles per 2" Imaging Module
Up to 20,480 nozzles for a 16" system

MAXIMUM PRINTING SPEED & RESOLUTION (@ 24 KHZ)

760 ft./min. in 158 x 600 dpi
540 ft./min. in 221 x 600 dpi
420 ft./min. in 284 x 600 dpi
270 ft./min. in 442 x 600 dpi
200 ft./min. in 600 x 600 dpi

PRINTING ORIENTATION

Horizontal (down) or vertical (Side)
jetting capability

APPLICATIONS

Mailing & Addressing
Variable Data Web Presses
Sheet-Fed Variable Data & Graphics
Envelope Printing
Package & Tray Printing

BULK INK SUPPLY (OPTIONAL)

Used with Lexmark's industrial bulk
cartridges
Ink tank garage & electronics
Intermediate ink tanks
Unique, High-Grade Ink Tubing &
Connectors

INK TYPES & MEDIA

Broad portfolio of TIJ inks available
for a variety of applications and media

PRINTHEAD MAINTENANCE

Moveable print module for easy
manual maintenance

PRINTABLE IMAGES

Text
Barcode
Graphics

OPERATING ENVIRONMENT

16-32C, 8-80% RH

CERTIFICATIONS

UL, CE

DIMENSIONS (HxWxD)

Imaging Module: 3-1/2" x 5-3/8" x
7-3/8"
Interconnect/Power Unit: 6-1/8" x
7-3/8" x 9-3/8"
Bulk Ink Delivery System : 6-1/8" x
3-1/2" x 9-3/8"
Power Requirements
Range Line Voltage: 100-240 VAC
Line Frequency: 50 / 60 Hz

SYSTEM REQUIREMENTS

PC with Windows XP
Encoder (for variable speed
applications)
Photocue/Trigger

INTERFACE

USB 2.0 High Speed (one per imaging
module)



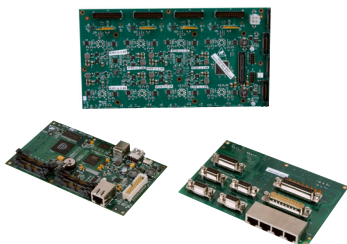
Single use OEM cartridges



OEM bulk ink cartridges &
external tanks



Optional bulk ink supply
assembly



Electronics

LEXMARK OEM TIJ ADVANTAGE

Mustang is designed to work with Lexmark's OEM TIJ. Industrial-class, 1/2" swath single-use and bulk cartridges are available as well as Lexmark's bulk ink system to provide the Lexmark OEM TIJ Advantage:

- Approx. 2X the throw distance vs. leading TIJ competitor allows for 1/4" gap and increased reliability with variable media thicknesses (based upon ink type and media used).
- Approx. 2X the rated speed vs. leading TIJ competitor with jetting frequencies up to 24 kHz
- Approx. 2X nozzle count vs. leading TIJ competitor provide for increased reliability and print quality.
- Dual rows, redundant nozzles for more reliable printing
- Print up to a maximum of 760 ft/min (3.9 m/s) @ 158 x 600 dpi

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