

Mx-Series

Automated Print & Apply Labeling Systems



Flexible, reliable and precise labeling solutions

The **Mx-Series** is an automated print-and-apply labeling system that delivers precise, reliable labeling while minimising human error. Designed for the increasing demands of modern production lines in industries such as food, pharmaceuticals, and logistics, it integrates seamlessly. Highly reliable, it ensures accurate labeling of dynamic data for tracking, compliance, and quality control.

Innovative technology

- ◆ Safety: the integrated auto-stop function increases operator safety.
- ◆ Label-check: a sensor in the vacuum pad checks the correct label position.
- ◆ Traceability: prints GS1 compliant SSCC-barcodes and QR codes.

Applicators
Blow, tamp, or wipe – using our comprehensive range of pneumatic and electric applicators you can easily apply labels on any side of a product.

Consumables
Domino labels and ribbons deliver optimum performance with our printers, ensuring you get consistently good prints, at an optimised running cost.



Printer
Designed for direct thermal and thermal transfer printing at 300dpi resolution the **Mx-Series** printer is available in both left- and right-hand variations.

Pads
We offer a wide range of vacuum pads for contact and contactless labeling plus customised variants for specific needs.

User interface
A user-friendly, multi-language user interface is integrated on the printer; for even more comfort of use TouchPanels are available.

Mx-Series printer

| Technical specification | Tx50i | Tx60i |
|----------------------------------|--|---------------|
| Print width (max) | 108mm (4") | 162mm (6") |
| Print speed (max) | 400mm/s | 250mm/s |
| Print technology | Thermal transfer and direct transfer | |
| Orientation | Left hand or right hand | |
| Print resolution | 12 dots/mm (300dpi) | |
| Ribbon rolled | Ink-out | |
| Ribbon roll diameter | max outer: 90mm / inner 25-26.2mm | |
| Backing paper width (max) | 114mm | 169mm |
| Ribbon & label roll length (max) | 600m | |
| Label roll diameter | max outer: 340mm / inner: 75.5 - 77.3mm | |
| Label gap (min) | 3mm | |
| Low level media sensors | ✓ | |
| Electrical supply | 90-250VAC, 50/60Hz | |
| Communication | 2xRS232, 1xUSB-B, 2xUSB-A, 4xEthernet, TC/IP | |
| I/Os (configurable) | 12 inputs and 12 outputs | |
| PC software suite | QuickDesign & Domino Designer | |
| Network ports | 4GB | |
| Dimensions (HxWxL) | 618x242x466mm | 618x298x466mm |
| Weight (incl. peel roller) | 18.5kg | 20.5kg |
| Working environment | 5-45°C, 20 - 85% RH (non-condensing) | |
| Optional user interface | 10.1" TouchPanel with multi-language support | |

Easy to integrate

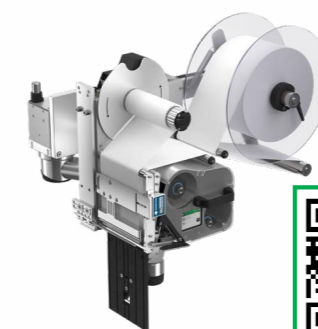
- ◆ A compact footprint and modular build, numerous configuration options and 360° mounting angles enable easy integration of the hardware into production lines.
- ◆ Integration with ERP, WMS, MES systems is seamless.

Easy to use

- ◆ USB ports for updates, configuration, and data backup are integrated.
- ◆ Printheads, ribbon- and label-rolls can be replaced in just a few simple steps.
- ◆ Label size and label position can be adjusted easily.

Electric applicators

Electric applicator arms enable more complex movements and highly precise label positioning compared to pneumatic applicators. With up to 80% reduced energy consumption and up to 90% less compressed air consumption, they support your sustainability goals.



Click here



Click here



| Technical specification | Mx350i-eP | Mx351i-eC |
|----------------------------|--|---|
| Print width | 162mm (6") | 108mm (4") |
| Max print speed | 250mm/s, max 10 labels/min | 400mm/s |
| Max distance to product | 600mm | 200mm |
| Product motion | Stationary | |
| Apply method | Tamp through flexible, electric arm | Wipe through flexible, electric arm |
| Label positions | Up to 4 labels on pallets and half-pallets in front, side and rear positions | Up to 2 labels on top, front, rear, side, or around a corner of a package |
| Label & ribbon roll length | up to 600m | |
| Electrical supply | 90-250VAC, 50/60Hz | |

Pneumatic applicators

Our pneumatic applicators deliver a versatile, easy-to-use solution for automated labeling. Designed for maximum safety, accuracy, and robustness, they meet diverse application needs and ensure reliable, error-free label application.



[Click here](#)



[Click here](#)



[Click here](#)

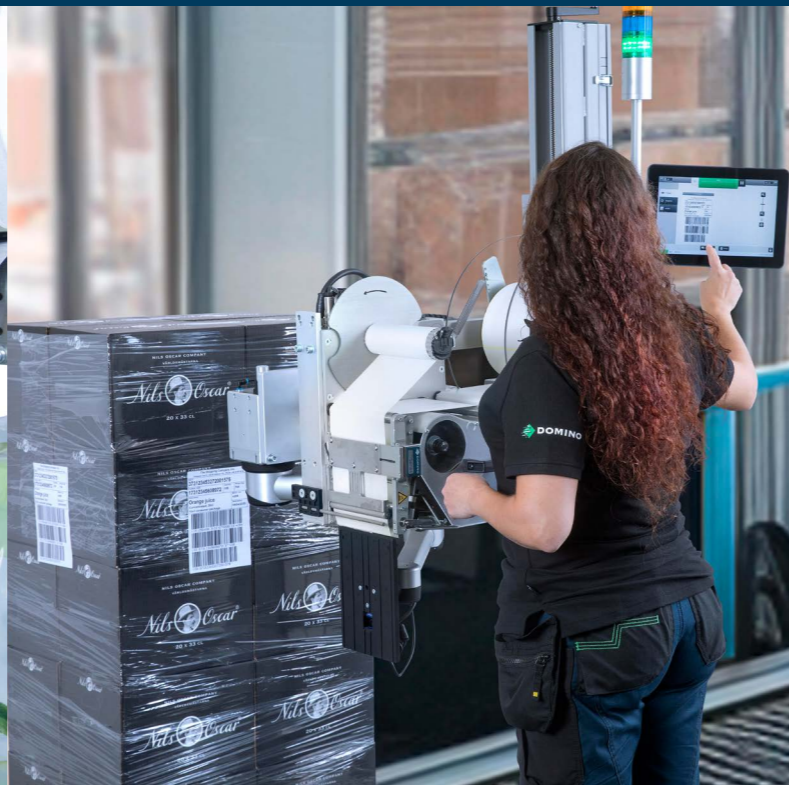


[Click here](#)



| Technical specification | Mx350i-T | Mx350i-S & -SP | Mx350i-B | Mx350i-DW |
|----------------------------|--|---|--|--------------------------------------|
| Print width | 108mm (4") and 162mm (6") variants | | 108mm (4") and 162mm (6") variants | |
| Max print speed | 400mm/s (4"), 250mm/s (6") | | 400mm/s (4"), 250mm/s (6") | |
| Max distance to product | 560mm | 360mm | 100mm | 0mm |
| Product motion | Moving or stationary | Moving | Moving or stationary | Moving |
| Apply method | Tamp (contact) or blow/tamp (contact-less) | Tamp swing (-S), and tamp swing perpendicular (-SP) | Blow (contactless) | Direct wipe |
| Standard pad sizes* | Tamp: 50x66mm to 150x210mm Blow: 50x30mm to 100x50mm | 50 x 66mm to 150 x 210mm | 50x30mm to 100x50mm | n/a |
| Label positions | 1 label on top, bottom, or side of a package | Up to 2 labels on top, front, rear, side, or around a corner of a package | 1 label on side, or top of a package | 1 label on side, or top of a package |
| Label & ribbon roll length | up to 600m | | up to 600m | |
| Electrical supply | 90-250VAC, 50/60Hz | | 90-250VAC, 50/60Hz | |
| Advanced features | Label check functionality, auto-block & continuous vacuum, auto-stop | | Label check functionality, auto-block & continuous vacuum, auto-stop | |

* customised options available



Pallet labeling

For maximised flexibility the **Mx350i-eP** features an electric three-jointed arm, enabling efficient labeling on up to three sides of each pallet. A camera for MRC scanning is integrated in the applicator.

Safe by design, the **Mx350i-eP** needs no housing, and offers safe operator access facing away from the conveyor. An optional cabinet for dust and splash protection is available.



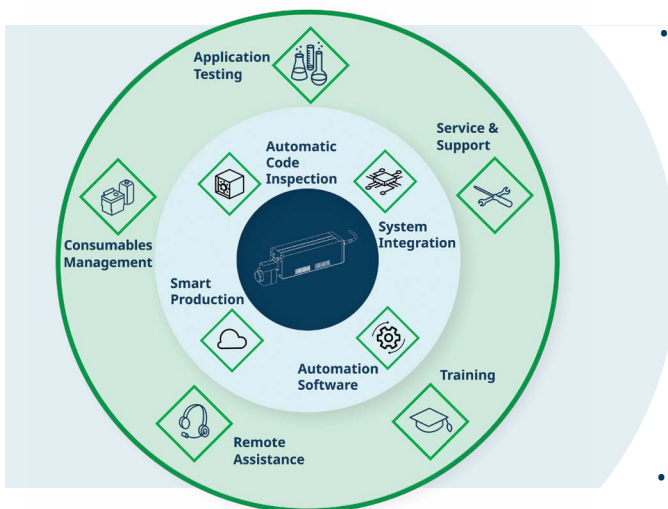
Labels and ribbons

Domino consumables are engineered for optimal performance with our printers, offering an extensive range of ribbons for standard and specialised needs to ensure you get the very best from your labeling equipment. Our labels and ribbons deliver consistently high-quality prints at optimised running costs. With Domino's **SafeSupply** service, consumables are automatically replenished through scheduled deliveries for complete peace of mind.

Click here



Relax. And code with confidence.



- Quality **coding equipment**
- **Vision systems** for automatic code inspection
- Modular **automation software**
- **Cloud connected** devices & analytics
- **Certified installation and integration** services
- Full onsite parts and labour **extended warranty**
- Extensive **field service & support** network
- **24x7 helpdesks** with augmented reality*
- Material science **application testing**
- **Consumables management** services
- **Operator training** for safe & optimised sites

All with complete cost predictability & flexible payment options

* Subject to regional availability



TALK TO AN EXPERT

Website: www.domino-printing.com