



Mx-Series

Automated Print & Apply Labeling Systems



Domino. Do more.

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

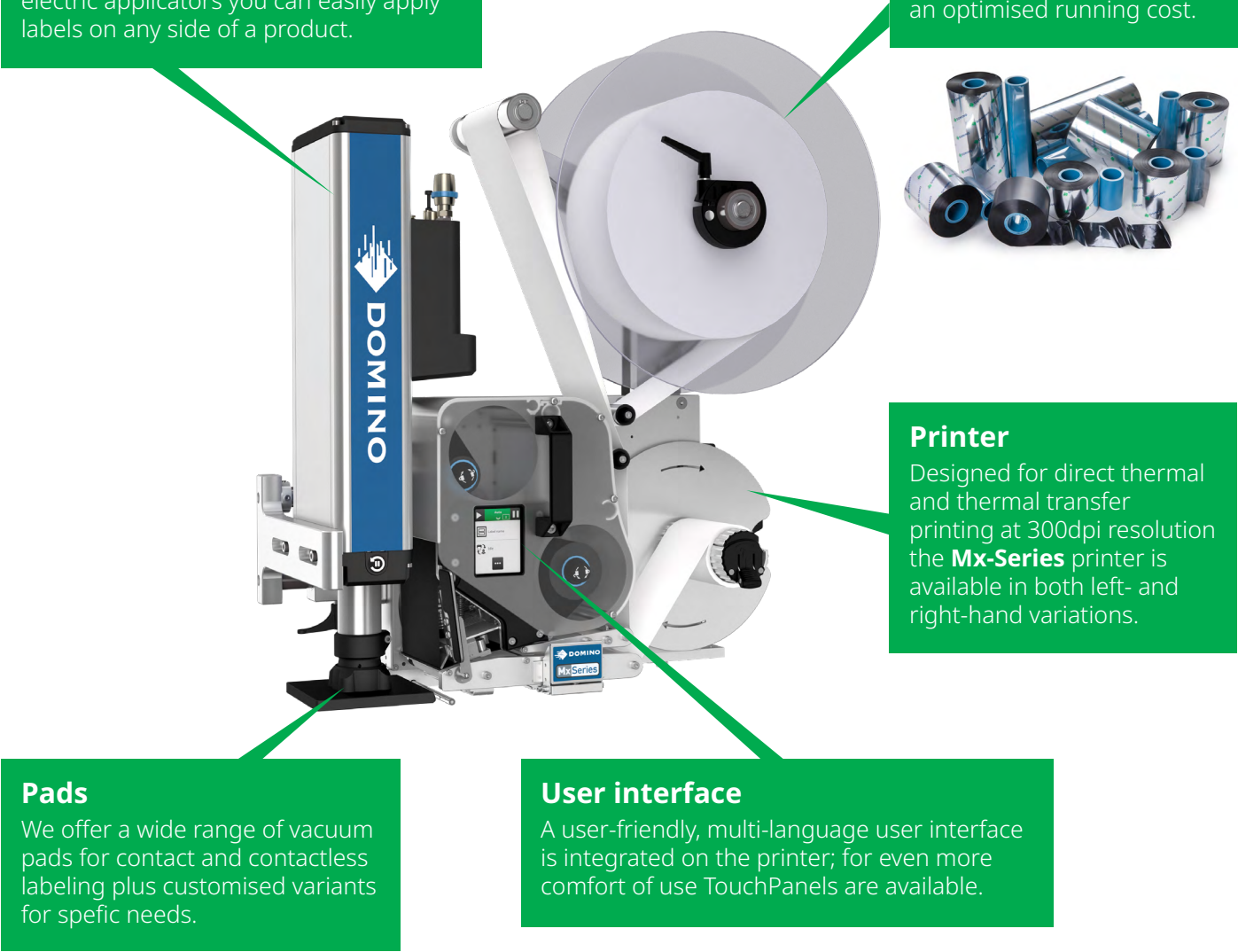
- ◆ Safety: the integrated auto-stop function increases operator safety.
- ◆ Label-check: a sensor in the vacuum pad checks the correct label position.
- ◆ Traceability: prints GS1 compliant SSCC-barcodes and QR codes.

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.



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.



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.



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	50x66mm to 150x210mm	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-lock & continuous vacuum, auto-stop		Label check functionality, auto-lock & 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.



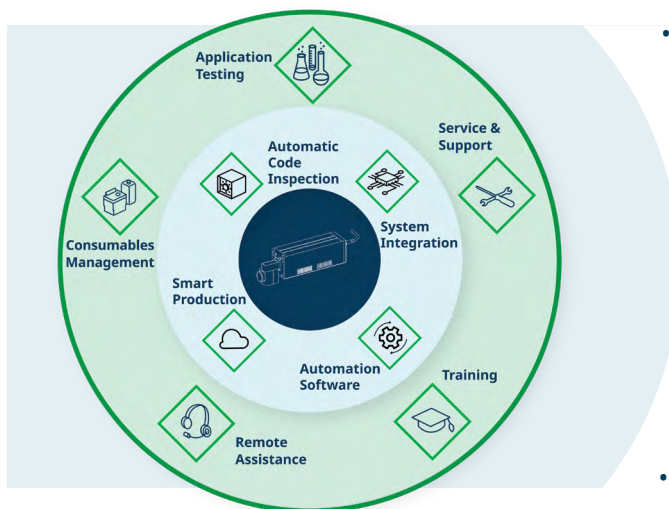
Labels and ribbons

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