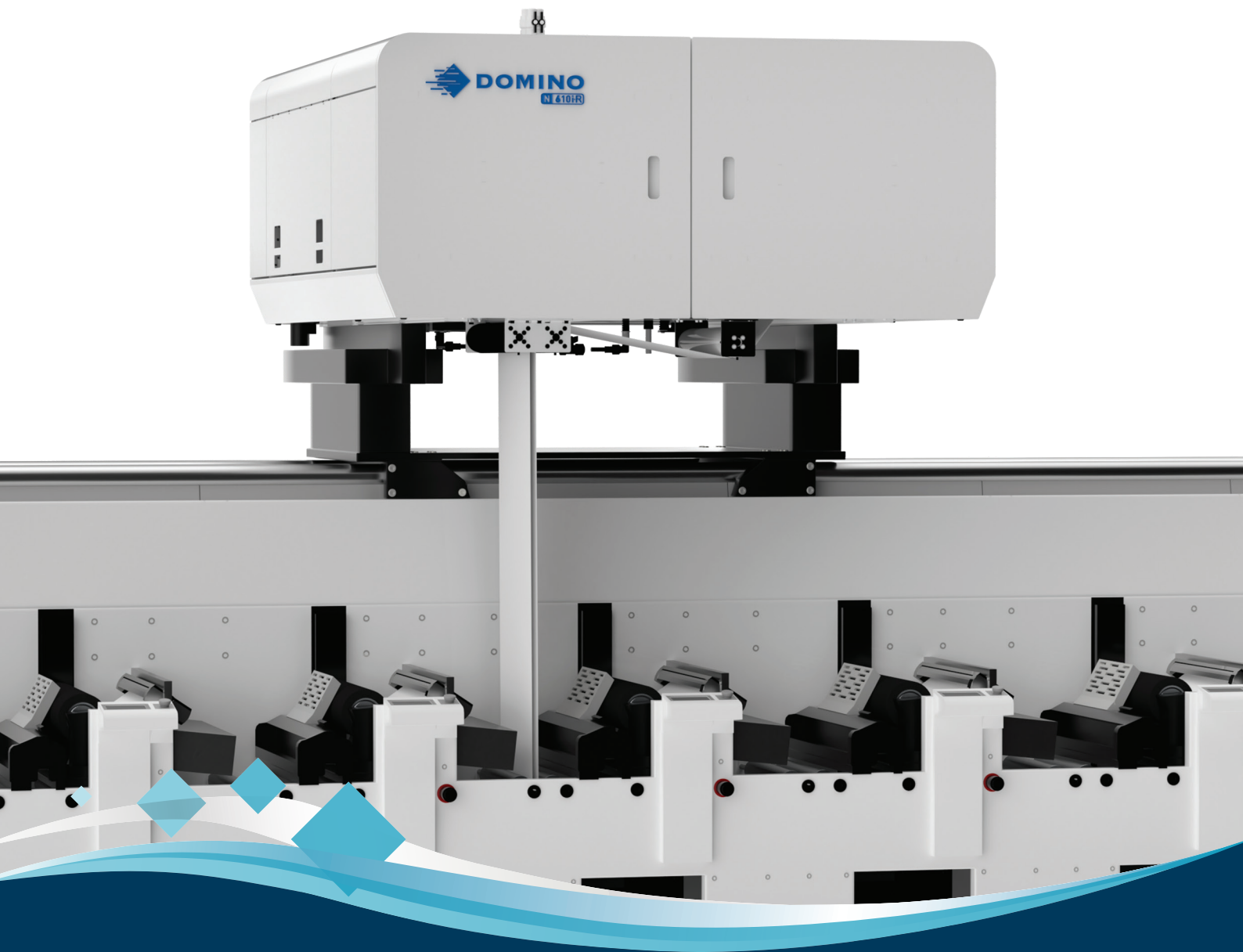




The **N610i-R** digital retrofit module

Transform your existing flexographic press into a versatile digital hybrid solution

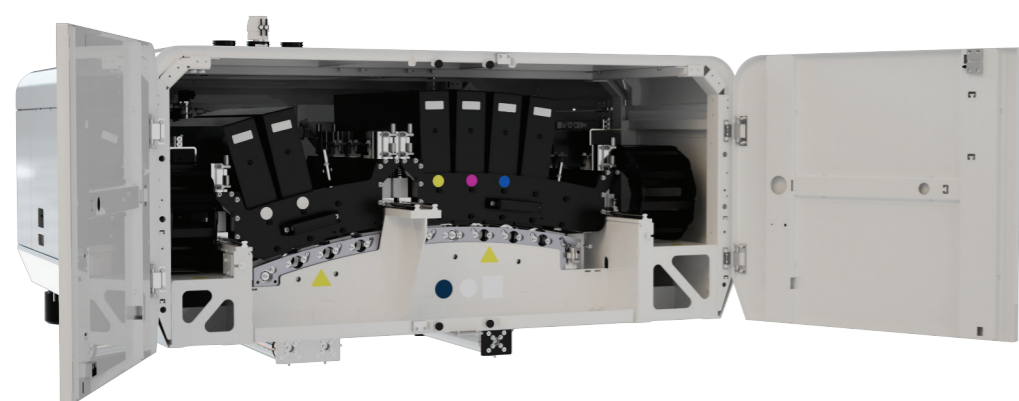


Domino. Do more.

Expand the capability of your existing flexographic press

Add digital printing capability, and extend the life of your existing flexographic press, by transforming it into a cutting-edge digital hybrid printing system with the industry-leading Domino **N610i-R** engine in a compact, retrofittable solution.

Designed for versatility, precision, and efficiency, the **N610i-R** seamlessly integrates with your existing analogue equipment. The combination of digital and flexo technology will help you to open up new opportunities delivering excellent print quality and production flexibility, while taking advantage of quick turnaround and non-stop production for multiple SKU jobs.



Overview

Reliable performance

Based on the proven **N610i** print engine, the **N610i-R** pairs high reliability with consistent, high-quality print results for high-performance operation tailored to your production needs.

3-in-1 flexible hybrid solution

Place the **N610i-R** on top of your existing flexo line to maximise your productivity utilising full hybrid printing, digital only printing or flexo only printing.

Future-proof your business

Stay ahead of the competition with a compact, flexible solution without the need for additional space and adapt to evolving market demands.



Key features

High-resolution digital printing

- ◆ **600dpi native resolution:** Achieve stunning image quality with high-definition detail.
- ◆ **Colour printing capability:** Available in CMYK and WW + CMYK.

Seamless integration

- ◆ **Compatible with leading flexo presses:** Effortlessly retrofit onto your existing press, maintaining your current workflow while enhancing capabilities.
- ◆ **Modular design:** Flexible configurations to suit a variety of production needs and space constraints.

Domino-manufactured UV92 & UV95 ink sets

- ◆ **Excellent adhesion:** Designed to provide excellent ink adhesion with high resistance to hot and cold temperatures, sunlight, and abrasion – maintaining excellent print quality through the life of the final product.
- ◆ **High opacity white:** Dual-bar white provides high-quality print of up to 72% opacity, producing a screen-like, high-impact appearance with the operational flexibility of a digital process.*
- ◆ **Non-direct food packaging compliant:** Under the right conditions and where an absolute barrier is present, the TPO-free UV95 ink set is suitable for many non-direct food packaging applications and is compliant with EuPIA Good Manufacturing Practices (GMP).

Enhanced productivity

- ◆ **High-speed printing:** Capable of speeds up to 50 metres per minute, for quick turnaround times.
- ◆ **Variable data printing:** Easily incorporates personalised and variable data elements without compromising speed.
- ◆ **Production flexibility:** Increase the productivity on an under utilised flexo press and leverage the advantages of digital inkjet printing without the need for additional space.

Cost efficiency

- ◆ **Reduce costs & waste:** Hybrid presses allow converters to transition more work to digital, reducing plate usage and other high costs associated with flexo production. The reduction in setup waste can help deliver significant cost savings.

* Media dependent

Applications

Labels: High-quality, durable labels for food, beverage, pharmaceuticals, and more.

Packaging: Customisable and dynamic packaging solutions for a variety of products.

Specialty printing: Unique applications, including security printing, brand protection, and promotional materials.

Make your labels stand out from the crowd

- ◆ **Add value:** Offer premium product branding with enhanced shelf appeal.
- ◆ **Competitive advantage:** Win additional business with texture printing capabilities.
- ◆ **Creative designs:** Add textured designs to part or all of the label.
- ◆ **Cost-effective:** Can be used as a replacement for screen printing and offers an alternative to premium, textured substrates.
- ◆ **Personalisation:** Combine with variable data printing for customised product offerings.



Domino Digital Solutions Programme

The Domino Digital Solutions Programme provides market leading training and consultancy services, helping you to identify how to unlock new growth potential whilst maximising the efficiency and output of your **N610i-R** digital printing module. With Domino you can be assured that we are with you 'every step of the way' and our Digital Solutions Programme is designed to provide you with tailor-made services that deliver significant value to your business. Contact your local Domino representative to discuss how the Domino Digital Solutions Programme can help you grow your business.

"The Domino Digital Solutions Programme training enabled us to meet the increasing demands from our customers for printing labels and sleeves with variable data. I am very satisfied with the improved performance achieved."

David Brugalla CEO, Conver Autoadhesivos, Spain

You're in safe hands

We've designed our support packages around our customers' needs. **TotalCare** provides our customers with an extended warranty and preventative maintenance package at a fixed price. Our packages are built to provide our customers with choice and flexibility as their business grows. Whatever your support needs, you can rest assured that you're in safe hands with Domino and our **TotalCare** programme.



Technical specification

N610i-R

Technology	Piezo drop-on-demand inkjet
Printing speed	Up to 50m/min (164ft/min) high-quality mode Up to 70m/min (230ft/min) rapid mode
Image resolution	600dpi native, including 4 greyscales (nominal 1340dpi)
Image format	333mm (13.11") maximum print width
Web width	200mm (7.9") to 340mm (13.4")
Media type	Polyethylene, polypropylene, and self-adhesive paper label stock Selected unsupported materials (films)
Inks	UV92 & UV95 are non-CMR inks and are available in UV-curable cyan, magenta, yellow, black, and white
Services	Three-phase power – one drop 380–420V Compressed air – one drop at 6–8 bar (90–115psi), clean and dry
Environment	Optimal temperature range 20–22°C (68–72°F) Maximum temperature range 20–25°C (68–77°F) Ink storage 20–25°C (68–77°F) Optimum humidity range 40–60% Dust-controlled environment preferred



TALK TO AN EXPERT

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