

N610i-R – Digital Retrofit Module

The **N610i-R** is the newest addition to the Domino digital press portfolio, allowing retrofit integration of Domino's **N610i** digital inkjet technology onto your existing flexo platform. This retrofittable platform enables you to turn any modern flexo press into a full hybrid printing press.

Expanding the capability of your existing asset allows for efficiency improvements and waste savings with the utilisation of the **N610i** industry-leading digital inkjet platform.

When integrated into a flexo press, the **N610i-R** allows you to expand your range of applications while still meeting the benefits of quick turnaround and non-stop production for multiple SKU jobs.



Hybrid printing advantages with the N610i-R

- ◆ Single-pass production solution leverages the advantages of digital inkjet printing, and the flexibility of a traditional flexo press.
- ◆ Combining digital printing with traditional flexo and converting elements opens the door to new opportunities and the ability to win more business.
- ◆ Hybrid presses allow converters to transition more work to digital, reducing plate usage and other high costs associated with flexo production.
- ◆ Hybrid presses can provide labour savings compared to process workflows that utilise multiple steps.
- ◆ Hybrid presses also can eliminate, or greatly reduce work-in-process inventories.



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Domino manufactured UV90 and UV95 ink sets

- ◆ Designed to provide superior adhesion with unparalleled resistance to hot and cold temperatures, sunlight, and abrasion to maintain the highest quality through the life of the final product.
- ◆ Dual-bar white provides the highest opacity (at 72%) screen-like, high-impact appearance, but with the operational flexibility of a digital process.
- ◆ UV95 ink set, under the right conditions, is suitable for many non-direct food packaging applications and is compliant with EuPIA Good Manufacturing Practices (GMP).



Technical specification N610i-R

Technology	• Piezo drop on demand ink jet
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	• T200mm (7.9") to 340mm (13.4")
Media type	• Polyethylene, polypropylene and paper self-adhesive label stock • Selected unsupported materials (films)
Inks	• UV90 & UV95 are available in UV curable cyan, magenta, yellow, and black
Services	• Three phase power - one 380-420V drop • Compressed air - one drop @ 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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