

DIGITAL

SERIES



Hybrid Integration Made Intelligent

m2l mark andy



INTRODUCING DIGITAL SERIES iQ

An Attainable Inkjet Platform with Inline Processing

When digital printing is no longer enough to separate you from competition and jobs require inline finishing to be profitable, a production-level digital hybrid solution that offers flexibility is key.

The smart choice for your business, Digital Series iQ is a fully-integrated inkjet press built on a proven Evolution Series flexo platform. Powered by a robust Domino N610i UV inkjet module, it boasts digital brain power and Mark Andy converting excellence.



Hybrid Integration Specialists

As an industry leader in hybrid printing technology, Mark Andy is the benchmark for digital labeling solutions. The combination of in-house inkjet competence, expertise in web handling, and over 250 hybrid installs gives Digital Series iQ the foundation to stand out as the most intelligent and advantaged system of its kind.



7 Years
Experience
in Inkjet



75 Years
Track Record
in Flexo



250
Installations
Worldwide



Digital Series iQ delivers:

- **Maximum Performance:** Productions speeds up to 230 fpm (70 mpm)
- **Affordability:** An attractive initial capital investment and low cost to print
- **Future-Proof Options:** Evolution Series E5 platform provides scalability as business grows
- **Range:** Ability to print on many materials with up to 7 UV inkjet colors (CMYKOV+W)
- **Efficient Die Cutting:** VDC-SR cuts changeover time by 80% for operators

Partnership in Print:
100 Years of Experience

A successful digital hybrid solution that helps you reach your greatest potential is all about having the right technology with the right partner.

Innovation, continuous growth, and 100% customer satisfaction is a common denominator for both Mark Andy and Domino, paving the way for a partnership that brings converts the best of both worlds: the reliability of Mark Andy’s award-winning flexo with the proven track record of Domino’s leading digital marking technology.



Inside the Engine

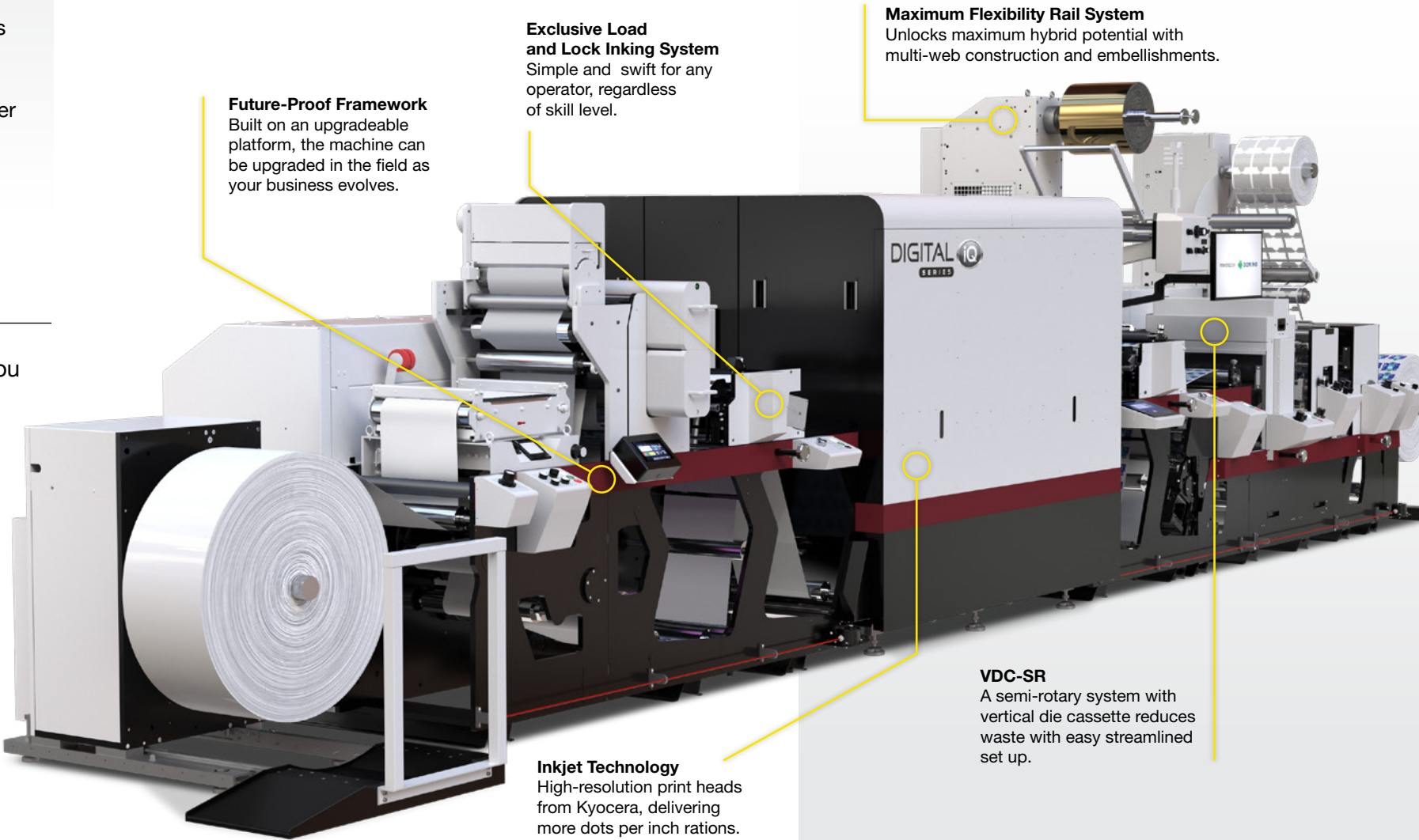
Preserving quality and promoting operator friendly interactions are at the core of the iTech technologies within the UV inkjet module. These features maintain desired performance, optimize maintenance, and save time in the pressroom.

i-Tech ActiFlow protects nozzle performance by eliminating air bubbles through an ink circulation system that keeps the print chemistry continuously moving around the head even when printing has stopped.

i-Tech CleanCap automatically cleans printheads, eliminating daily manual wiping and prolonging the life of your machine.

i-Tech UltraMix™ ensures continuous white ink circulation to guarantee the pigment remains in suspension all the time.

i-Tech TrapLess reduces the risk of ink conglomeration, preventing nozzle failure.



Future-Proof Framework
Built on an upgradeable platform, the machine can be upgraded in the field as your business evolves.

Exclusive Load and Lock Inking System
Simple and swift for any operator, regardless of skill level.

Maximum Flexibility Rail System
Unlocks maximum hybrid potential with multi-web construction and embellishments.

VDC-SR
A semi-rotary system with vertical die cassette reduces waste with easy streamlined set up.

Inkjet Technology
High-resolution print heads from Kyocera, delivering more dots per inch rations.

Technical Specifications

Printing Process	CMYK +W UV Inkjet Powered by Domino (OV Upgrade Available)
Resolution	600 x 600 dpi
White Ink Opacity	72% Opacity
Speed	High-Quality Mode: Up to 164 fpm (50 mpm) High-Speed Mode: Up to 230 fpm (70 mpm)
Workflow	Esko DFE Mark Andy ScreenPro
Web Width	13 inch (330 mm) Max 8 inch (203 mm) Min
Substrate Range	Pressure sensitive paper and film, unsupported paper & films, light carton and more
Flexo Repeat Range	5.5 - 24 inch (140-610mm)
Die Repeat Range	24 inch (610 mm) maximum repeat in full rotary or semi-rotary mode
Drying & Curing	UV
Environment	Optimal temperature range: 68-72°F (20-22°C) Ink Storage: 68-77°F (20-25°C) Humidity level range: 40-60% Dust controlled environment
Roll Capacity	Unwind and rewind: 40" diameter (1000 mm) Maximum roll weight: 1000lbs (454 kg)

Hybrid Options

- Cold Foil
- Corona Treatment
- Die Cutting
- Dual Rewinds
- Embossing
- Inline Slitting
- Lamination
- Print Stations
- Rail System
- Shim Kit
- Shingling Conveyor
- Shrink Kit
- Slitting Scoring
- Top Coating & Varnish
- UV LED
- Vertical Slot Semi-Rotary
- Vision System
- Waste Wind Up
- Web Cleaning
- Web Turnbar

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Applications

- Durable and Industrial Labels
- Film Labels
- Food and Beverage Labels
- Health and Beauty Labels
- Prime Pressure Sensitive Labels
- Specialty
- And More

With a mission to serve as your **Total Solutions Partner**, our global team is committed to delivering high quality, innovative solutions and support to help you drive profitability. Mark Andy responds to business needs by offering a broad range of equipment, education, support and supplies to printers and converters around the world.

Partnering with Mark Andy means access to leading global brands with **Mark Andy** narrow and mid-web printing presses, **Rotoflex** finishing solutions, and a complete line of **Mark Andy Print Products** consumables and pressroom supplies. All Mark Andy products are supported by the largest customer service team in the industry, committed to delivering spare parts, technical service, PM programs, retrofits and rebuilds, as well as dedicated hands-on training through **Mark Andy University**.