

# DIGITAL



S E R I E S



CMYKOV +WW UV INKJET  
POWERED BY DOMINO

HYBRID INTEGRATION  
**MADE INTELLIGENT**

**ma** *mark andy*



INTRODUCING  
**DIGITAL** **iQ**  
 SERIES

An Attainable Inkjet Platform  
 with Inline Processing



**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.



7 Years  
 Experience  
 in Inkjet



75 Years  
 Track Record  
 in Flexo



300  
 Installations  
 Worldwide

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 **300 hybrid installs** gives Digital Series iQ the foundation to stand out as the most intelligent and advantaged system of its kind.

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.

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). Color management on the Mark Andy DFE is wizard driven to G7 standard. Industry standard GRACoL, Fogra, SWOP or ISO profiles can be used as a target on each substrate.
- **Efficient Die Cutting:** Vertical Die Cassette-Semi Rotary (VDC-SR) cuts changeover time by 80% for operators.



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 print heads, eliminating daily manual wiping and prolonging the life of your machine.

**i-Tech StitchLink** provides seamless printing across the entire printbar. Automated print head alignment & image stitching is achieved through micro-moto controller technology. StitchLink offers easy and accurate set-up, and there is no manual stitching of print heads.

**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.

**Inkjet Technology**  
 High-resolution print heads from Kyocera, ensure superior quality while maintaining ease of use.

**Vertical Die Cassette - Semi Rotary (VDC-SR)**  
 A semi-rotary system with vertical die cassette reduces waste with easy streamlined set up.

(Scan to see it in action)





## Technical Specifications

<b>Printing Process</b>	Up to 7 color extended gamut digital print (CMYKOV+high opacity white double white) Custom spots with hybrid print stations
<b>Resolution</b>	600 x 600 dpi
<b>White Ink Opacity</b>	73% Opacity
<b>Speed</b>	High-Quality Mode: Up to 164 fpm (50 mpm) High-Speed Mode: Up to 230 fpm (70 mpm)
<b>Workflow</b>	Esko DFE ScreenPro
<b>Web Width</b>	13.25 inch (336.5 mm) Max Web Width 8 inch (203 mm) Min Web Width 13.11 inch (317.5 mm) Digital Print Width 13 inch (330.2 mm) Flexo Print Width
<b>Substrate Range</b>	Pressure sensitive paper and film, unsupported paper & films, light carton and more
<b>Flexo Repeat Range</b>	5.5-24 inch (140-610mm)
<b>Die Repeat Range</b>	26 Inch (660mm) max repeat for full rotary 24 Inch (610 mm) max repeat for semi-rotary
<b>Drying &amp; Curing</b>	UV
<b>Environment</b>	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
<b>Roll Capacity</b>	Unwind and rewind: 40" diameter (1000mm)

## 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
- sMArt link
- Top Coating & Varnish
- UV LED (Flexo Only)
- VDP
- Vertical Slot Semi-Rotary
- Vision System
- Waste Wind Up
- Web Cleaning
- Web Turnbar



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## Applications

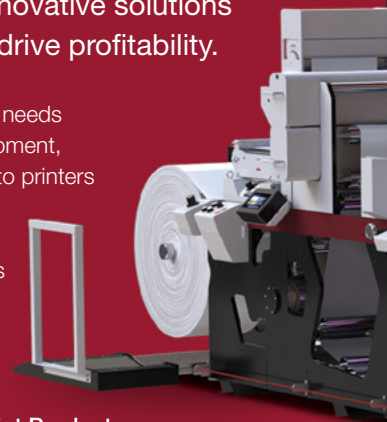
- Durable and Industrial Labels
- Film Labels
- Food and Beverage Labels
- Health and Beauty Labels
- Prime Pressure Sensitive Labels
- Specialty
- And More

## Our Promise

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 **My.MarkAndy.com**.



For your local representative go to **[markandy.com/dealerlocator](http://markandy.com/dealerlocator)**