**INTRODUCING** 

EVOLUTION







**REINTRODUCING** 

EVOLUTION

SERIES





# THE LATEST IN MARK ANDY FLEXO



### Full Servo

Powered by proven
Mark Andy technology
and engineering

750 fpm
Production Speed

Scalable

A solution that evolves as your business grows





### Full Servo

Powered by proven

Mark Andy technology

and engineering

**500 fpm**Production Speed

Value-Driven

A solution that enables converters to thrive in a competitive label market





- PRIME LABELS
- **DURABLE / INDUSTRIAL**
- TAGS & TICKETS
- ROLL-FED LABELS & WRAPS
- **BOTTLE WRAPS**
- FILM (SUPPORTED & UNSUPPORTED)
- LIDDING
- IN-MOLD LABELS
- **SHRINK SLEEVES**





- **PRIME LABELS**
- **TAGS & TICKETS**
- **DURABLE / INDUSTRIAL**
- FOOD & BEVERAGE



markandy.com/evolutionseries

## WE'VE GOT YOU COVERED

With the largest global service team in the industry, you are supported by Mark Andy to succeed. Beyond technical assistance, we offer our partners business development consulting, application expertise, and all the parts and consumables needed from a true Total Solutions Partner.

Mark andy

## PERFORMANCE

SERIES



A PLATFORM WITH ENDLESS OPPORTUNITY

mark andy

### PERFORMANCE SERIES

### Engineered Precision. Ergonomic. Endless Configurations.

As an extension of the award-winning Performance Series platform, the new suite of Mark Andy flexographic equipment offers the performance you want and everything you need.

Designed to drive converter profitability in a highly competitive landscape, the Performance Series redefines workflow productivity through its simple design, tangible waste savings, streamlined automation and fast changeovers, making it the most productive press in its class.

### More than Intuitive: Ease of Use

With ultra-efficient operation in mind, the Performance Series provides the industry's clearest path to automating workflows through operator-focused intuitive engineering.

- Fully-automated setup with job save, pre-registration and re-registration
- Intuitive operator interface and membrane controls at each station
- Servo impression control
- Automatic load-and-lock inking system — combines several steps in one quick motion
- Quick change print station setup and changeover - sets up in less than 30 seconds
- Open access design no obstructive covers or guards
- Fewer operator adjustments



### Increasing Converter Profitability through Maximized Press Efficiencies

A 2-for-1 replacement over conventional flexo, the Performance Series is proven to deliver a more consistent quality and faster turnaround than its competitors. With less substrate waste and under 2 minute ink, plate, die changeover, ultimate pressroom efficiency is more than possible - it's the Performance Series standard.

• Exceptional, repeatable print precision through consistent and independently-controlled inking and material impression

- Common web paths reduced need to re-web press
- Auto registration system maintains registration accuracy through run, including speed changes
- · Low volume inking system provides minimized ink waste

#### Changeover Time



60% FASTER

Material Waste

50%



REDUCTION

### Optimizing Your Performance Series

The Performance Series platform is engineered to drive profitability and respond to the changes in your product portfolio both now and into the future. Mark Andy's dedicated team of engineers is available to help future-proof your machine.

Inline Rail System - Expand

the variety of applications and

Series press can efficiently

serve with easy movement of

advanced decorating options.

industries that your Performance

Shortest and

webpaths

most efficient

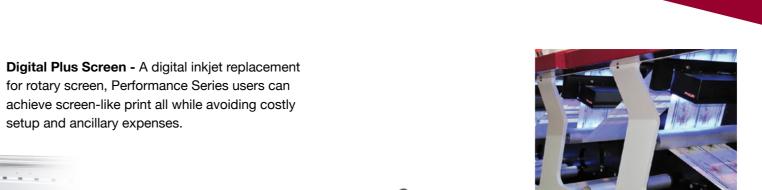
impression

control



Advanced converting with full or semi-rotary die-cutting





Thread-It simplifies

press webbing for operators

ProLED - ProLED delivers a more efficient, flexible, productive and green curing solution over traditional curing. Available to all Performance Series models.



**Modular Recirculation Dryers -** Allows for 50% lower power consumption through recirculating heated air while providing consistent performance regardless of width or number of stations. Available to all

Performance Series E models.

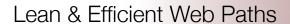


QCDC & QCDC-SR -

This technology removes the bottleneck of long die changeovers and slower matrix stripping speeds. Available to all Performance Series models.

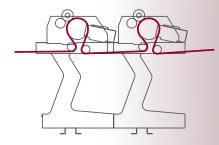
"We replaced two to three pieces of legacy equipment with each Performance Series press. The investment in transferring these jobs over wasn't a choice made lightly, but doing it gave an immediate benefit of efficiency and production."

- Jan Greis, US Tape and Label



Shorter web paths mean less material in press and less material wasted.

### **ProLED with Chilled Impression Roll**

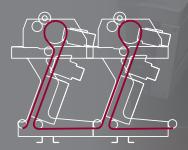


Shortest web path — 53 inch (135 cm) between print heads.





### **Hot Air & ProLED Combination**



Efficient web path for maximizing both hot air and UV chilled or non-chill applications. No re-webbing needed.

### PERFORMANCE SERIES

### **Technical Specifications**

Option/Features	<b>P</b> 7	<b>P</b> 9
Metric measurements	Γ1	гэ
10 inch (250mm) Width	~	
13 inch (330mm) Width	<b>'</b>	~
17 inch (430mm) Width	~	~
20 inch (508mm) Width	·	
22 inch (558mm) Width	·	~
26 inch (660mm) Width		~
Independent Anilox Drive		~
Servo Impression Control		~
Ink Pans (up to 20 inches/508mm)	~	~
Converting (up to 22 inches/558mm)	~	•
Max Speed		
1000 fpm (305 mpm)	<b>✓</b>	~
Substrate Range		
.5 mil - 18 pt (12 - 450 micron)	~	~
Die Repeat up to 26 inch max	~	~
Print Repeat 5.5 in - 24 in	·	~
Unwind and Rewind Capacity 40 inch (1016mm)	~	~



### **Applications**

- Bottle Wraps
- Lidding
- Light Carton
- Roll-fed labels & wraps
- Flexible Packaging
- Durable Industrial
- In-mold Labels
- Film (Supported & Unsupported)
- Prime Labels
- Tags & Tickets
- Shrink Sleeves
- Extended Content Labels

### 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

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## PRECISION-CRAFTED TO ELEVATE YOUR SUCCESS

mark andy



### **Built on Quality, Driven by Excellence**

The Mark Andy Performance S9 isn't just another press – it's the result of 77 years of dedication to quality. Endorse your business with the standard of excellence, and experience reliability that revolutionizes the market.

### **Elevated Capabilities**, **Optimized Output**

Maximize your printing prowess with the Mark Andy Performance S9, boasting standout features:

- Efficient Speed: Run at 1000fpm.
- Die Cutting Precision: Extended up to 26", offering unparalleled cut accuracy. Repeat range up to 36".
- Elite Drying Technology: Unleash the full potential of flexible packaging with our industry-leading drying system, designed for supreme efficiency:

Modular & Individually Controlled:

Flexibility to perfect every print job.

**Custom-Fit Solutions:** 

Highly adaptable for diverse applications.

Space-Saving Footprint: Superior curing for maximum design creativity.

Mark to Mark Flexo Automation:

Boost production without the burnout, quick turnarounds means you can do more with less. More prints equal more profit in every shift. Shrink your carbon footprint with significant waste reduction.

Mark Andy Performance S9 - where quality meets capability to deliver unrivaled results for your business.



For additional information visit markandy.com or, scan QR code.



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#### Flexo Automation

- Automatic color-to-color registration system for lineal and lateral print adjustments
- Automatically maintains print registration throughout the run
- · Automatic density control with changes in speed
- Job save feature for future recall
- Uses a proprietary camera system
- Enables reinsertion of pre-printed material

#### **Customer Benefits**

- Simplifies changeovers for lower skilled press operators
- Productivity through reduced changeover time
- Reduce carbon footprint through waste reductions
- · Less scrap & repair from improved consistency of print
- Gain throughput by reducing make-ready times for repeat jobs

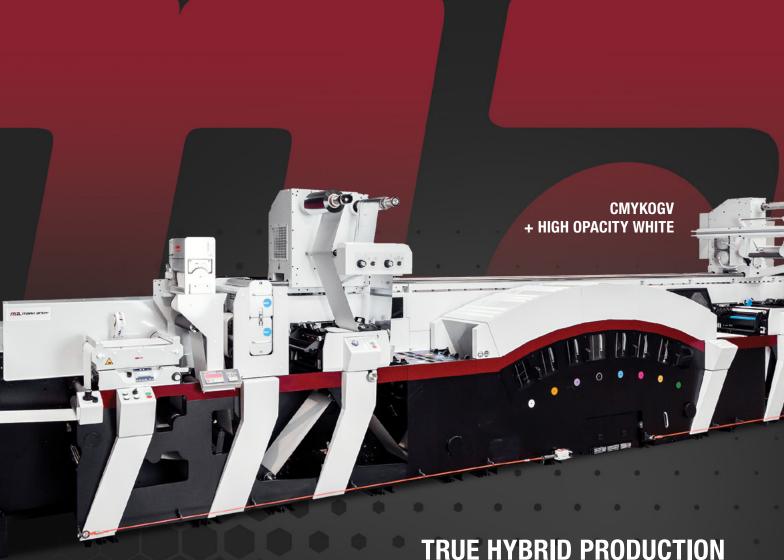
### MARK ANDY AT A GLANCE:

- > 77 Years of Trust & Expertise
- > 10k+ Installations and Growing
- > Spanning 93 Countries
- > Trusted by 5,700 Customers
- > Unmatched 360 Support



For your local representative go to markandy.com/dealerlocator





## TRUE HYBRID PRODUCTION ZERO SACRIFICES

mark andy



### Translate Speed and Configurability into Limitless Opportunity

When it comes to digital, it's about having the right technology with the right partner to help you reach your greatest potential.

The Digital Series HD, designed with Business Responsive Technology®, is the first true production-level digital solution — combining highly configurable in-line converting and processing with high-quality digital printing at production-level speeds. The result is a true system architecture that delivers the best total cost of operation of any digital solution available on the market today.



### More than Productive: **Profitable**

Leveraging the advantages of digital printing with the capabilities of flexo decoration and converting in a single pass proves to be the most profitable total production solution.

Digital Series HD has been proven to yield over \$200,000 USD in weekly revenue for it's users. **98% of Mark Andy digital hybrid customers also report** 

### QCDC-SR Inline Semi Rotary Diecutting

The award-winning Mark Andy QCDC technology removes the bottleneck of long die changeovers and slower matrix stripping speeds. Upon installation, you will see immediate improvements in job change-over and setup times, as well as a significant savings in material waste. Implementation of QCDC provides:

- Customizable: The ability to select Semi-Rotary (QCDC-SR) or full rotary QCDC modules
- Fast die changes: 30 seconds or less
- Ergonomic slide-in die change: No hoist or heavy lifting for the operator
- Longer die life: Limits die damage caused by cumbersome loading and unloading processes
- High-speed matrix stripping: Matches maximum Digital Series HD press speeds
- · More accurate, more consistent die cutting





x2 REVENUE
2 shifts down
to 1 with
digital hybrid



50% TIME SAVINGS Produce jobs in half the time



20% LESS WASTE Reduce substrate plate & ink costs

### A Complete Workflow Mark Andy ProWORX

Mark Andy ProWORX is a 'one box' solution that enables superior and consistent control between the Mark Andy Digital Series HD and the digital file management used by converters. It is the ideal DFE for a large multi-press, multifunction hybrid printing environment or as a dedicated single digital press operation.

### Today's Press

on Tomorrow's Platform

#### A Guaranteed Digital Growth Path

To help you maintain a competitive edge, Digital Series HD is designed to be upgradable, taking advantage of any future technology advancements or new application requirements. The press is available in 5 through 8 color configuration options and can support integrated inline or future-proof inline converting. Your investment in digital is de-risked and protected, like never before.

### Extended Gamut Printing at True Production Speeds

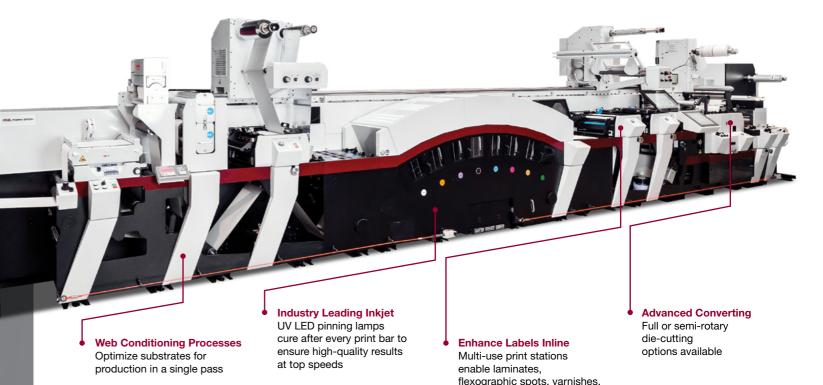
Digital Series HD is available in 5 and 8 color configuration options, unlocking a world of potential through extended gamut capability. Our high chroma ink set consists of CMYK+ high opacity digital white UV ink formulations.

Rivaling traditional rotary screen, Mark Andy's unique digital white provides opacity in excess of 80% and can print at-quality without a tradeoff in speed.



#### **Common Configurations**

5 COLOR	+	ROLL-TO-ROL (Mark Andy Dig	_	sher Optional)
5 COLOR	+	FLEXO	+	DIE
7 COLOR	+	FLEXO	+	QCDC
8 COLOR	+	3 FLEXO	+	QCDC-SR



adhesives, and more



### **Technical Specifications**

Press Speed	240 fpm (73 mpm) at quality with all colors
Printing Process	Up to 8 color extended gamut digital print (CMYKOGV+high opacity white) Custom spots with hybrid print stations
Press & Print Width	17.25 inch (438 mm) Web Width 16.8 inch (426 mm) Digital Print Width 17 inch (432 mm) Flexo Print Width 13.25 inch (336 mm) Web Width 12.5 inch (317 mm) Digital Print Width 13 inch (330 mm) Flexo Print Width
Substrates	Pressure sensitive paper and film, unsupported paper and films, tag stocks, light carton and more
Visible Print Quality	1200 dpi
Flexo Repeat Range	5.5 – 24 inch (140 – 610mm)
Die Repeat	24 inch (610mm) maximum
Workflow	Mark Andy ProWORX DFE powered by Esko® and Global Graphics Digital Front End (DFE)
Drying & Curing	UV for digital print module ProLED, UV, hot air for in-line options
Unwind/Rewind Capacity	40 inch (1016mm)
Software Control	Mark Andy ProVIEW
Tooling Compatibility	All Mark Andy Performance Series tooling and most rotary die tooling
Finishing Options	Roll-to-Roll, Conventional Die, Mark Andy QCDC, or Mark Andy QCDC-SR

### **Hybrid Options**

- Lamination
- Top Coating
- Varnish
- Hot Foil
- Cold Foil
- Rotary Screen
- **Embossing**
- QCDC (Quick Change Die Cut)
- · QCDC-SR (Semi Rotary Die Cutting)
- Shingling Conveyor
- · Slitting Scoring
- Dual Rewinds
- Web Turnbar
- Flexo Printing

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### **Global Headquarters**

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- Prime Pressure Sensitive Labels
- Food and Beverage Labels
- Health and **Beauty Labels**
- Durable and Industrial Labels
- Film 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.

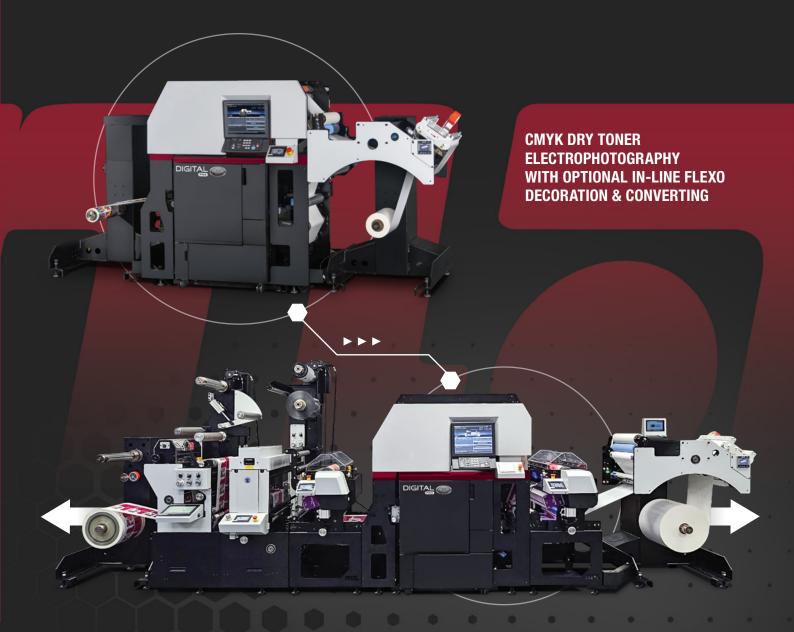
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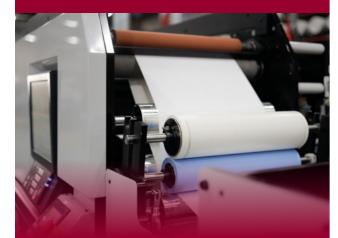


AN EXPANDABLE DIGITAL HYBRID PLATFORM WITH A ROADMAP TO GROWTH





The Digital Pro PLUS delivers a roadmap to growth at an entry level investment.



Discover the future of digital printing with the Digital Pro PLUS - a dynamic, efficient, and expandable solution designed with your needs in mind. Our cutting-edge Pro Series platform incorporates a hybrid modular chassis, delivering production excellence consistently.

### Key Features

- Hybrid modular expandable chassis with inline finishing
- Entry-level investment into digital printing
- Quick warm-up time
- Excellent and consistent quality
- High-quality screen
- Minimum font size: 4 pt reverse type and 2 pt positive type as a standard
- Durable toner
- Variable Data Printing (VDP) enabled
- All consumables available through MAPP
- Compact design
- Optional roll lift available

### Designed for Growth and Efficiency

This hybrid platform effortlessly combines modern technology with a legacy of 77 years of industry-leading web handling experience. The Digital Pro PLUS delivers a low cost to print at high print speeds while maintaining excellent quality.

The **Digital Pro PLUS** leverages the **Pro Series platform** to deliver a modular, hybrid chassis that adapts and scales in harmony with your business growth.



### New Modern Platform

- **Developed** on the the new fully servo-driven CE certified Pro Series platform
- Easy for Operators, regardless of skill level
- Connected supported with Mark Andy sMArt link for real time production monitoring & analytics
- Quick setup & changeover
- Streamline the way you impose print jobs with ProWorx

### Comprehensive Support and Consumables

Mark Andy's industry leading service and support network is readily available to our customers. All Digital Pro PLUS consumables and spare parts are available through MAPP, providing our customers with a streamlined avenue for all their operational needs.



### Exceptional Quality and Durability

Our advanced printing technology enables a minimum font size of 4 pt reverse type and 2 pt positive type as a standard. The durable toner, backed by light-fastness tests, ensures optimal print quality, while Variable Data Printing (VDP) empowers businesses to leverage personalized and dynamic print campaigns.

#### **Product Value Add Labels**

Expand with multi-use flexo stations after digital module to allow decorating with PMS spot colors, varnishes, laminates and adhesives, cold foil, and more.

### Future-proof Configurability

This machine is scalable and can be upgraded as your business **evolves**.

#### **Servo Rewind**

With 30" roll capacity (20" with dual upper/lower simultaneously)

Available self-wound lamination

 Digital bypass available (one color blanks/spot jobs)

30 inch (762mm)
 servo-driven unwind
 web cleaner and optional
 corona treating



#### Semi-Rotary Converting

**4"-24" repeat range** with waste windup, slitting, scoring available, and option to use full rotary existing tooling

### High Resolution Digital Print

Proven CMYK dry toner technology provides 1200 dpi print with reliable results

### Flexo Stations with UV or UV LED curing options.

**Pre-registration** sets near perfect after first label

**Auto-registration** maintains registration at all speeds



### **Technical Specifications**

Print Engine	AL230
Web Width	13 inch (330mm)
Print Width	12.6 inch (320mm)
Print Resolution	1200 / 8 bit, 3600 DPI equivalent
Printing Process	CMYK Dry Toner Electrophotography, Capable of Flexo
Speeds	77 fpm (24mpm)
Die Repeat	4-24 inch (102-610mm)
Print Repeat	7-48 inch (178-1195mm) digital banner mode, 5.5-24 inch (140-610mm)
Substrates	PS, PP, PET, supported films
Roll Capacity	30 inch (762mm) single rewind, 20 inch dual rewind
Curing	GEW E2C UV and UV LED options
Power Requirements	380-480V 3 Phase (amperage dependent upon configuration), 200-240 single phase 24 amp
Pneumatic Requirements	100 PSI at 2 CFM
Environment	40-60% relative humidity
Converting & Finishing Options:	<ul> <li>Conventional die station</li> <li>Flexographic print station before and after digital module</li> <li>Sheeter stacker conveyor</li> <li>Digital module bypass</li> <li>Cold foil</li> <li>Lamination</li> <li>Slitting &amp; scoring</li> <li>Semi-rotary die station with a repeat range of 4"-24"</li> </ul>

### Tool Kit & Accessories

The key to successfully optimizing your pressroom is to utilize important accessories to ensure the fastest setup and changeover times so that optimum Productivity can be achieved. Ask about building the right Tool Kit for your pressroom!











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### Versatile Applications

The DPro PLUS is perfect for various applications, including prime pressure-sensitive labels, durable & industrial labels, paper labels, craft goods, food & beverage, variable data, health & beauty, and more.

Partner with Mark Andy and the DPro PLUS to unlock your business's full potential and forge a path towards continued growth and success.



### Our Promise

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