

PERFORMANCE
SERIES



Technically Superior. Outstanding Productivity.

MA MARK ANDY



A Platform with Endless Possibilities

A result of passionate engineering and innovation, our award-winning, best-in-class Performance Series P7 is the most advanced offering in the Performance Series line. The P7 is the high-end, efficient solution for the most complex print applications. Designed to drive profitability in a highly competitive and rapidly evolving industry, the Performance Series platform redefines workflow productivity through its simple design, efficient waste savings and extremely fast changeovers.

The fastest selling platform press in narrow web history was developed with Business Responsive Technology to address your needs and impact your bottom line. Converters around the world have found that they are achieving optimum efficiency and productivity with their investment which has sometimes proven to be a two-for-one replacement over traditional models.

Business Responsive Technology

Redefining Label and Package Printing Production

Technology at Mark Andy starts with our vision — to be responsive to converter needs by developing solutions that are superior in quality, highly productive and increase profitability.

Continuous innovation that offers unparalleled long-term benefits — it's what we call Business Responsive Technology.

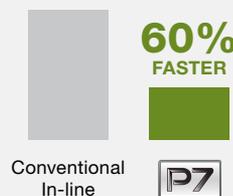


QCDC (Quick Change Die Cut) Proven to Drive Extreme Efficiency

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

- Fast die changes — 30 seconds or less
- Ergonomic benefits for the operator — no hoists or heavy lifting
- Longer die life — limits die damage caused by cumbersome loading and unloading processes
- Realization of high-speed matrix stripping — matches maximum Performance Series press speeds
- More accurate, more consistent die cutting

Changeover Time



Material Waste



Technology that Delivers Peak Performance

It takes an exceptional press to take on the most challenging of jobs. With intuitive, dual servo controls and a fully-automated registration system, the Performance Series P7 provides opportunities like never before.

Intelligent Design

- Dynamic dual servo control with optimized programming
- Independent motion control and independent web tension broadens range of applications and machine capabilities
- Fully automated registration system manages highest quality, most consistent registration
- Integrated self and remote diagnostics

Proven Agility

- Wide substrate range — capable of printing sophisticated label and film package decoration
- Common web paths — no need to re-web the press
- FlexFrame — creates additional options at each station
- Accommodates UV, UV/chill drum, ProLED and hot air designs
- Strong, simple rail system for countless configurations and applications

Ultra-efficient Operation

- Intuitive operator system and membrane controls at each station
- Automatic load-and-lock inking system — combines several steps in one quick motion
- Swift print station setup and changeover — sets up in less than 30 seconds
- Open access design — no obstructive covers or guards
- Runs on less than 6 oz (191 g) of ink
- Fewer operator adjustments
- Fully-automated pre-registration and re-registration available

Exceptional Print Precision

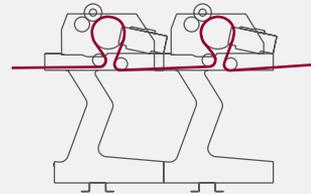
- Full 360 degree registration adjustment
- Controlled ink density
- High quality dots — consistent plate roll impression
- Simple, repeatable settings maintain quality job to job



Lean & Efficient Web Paths

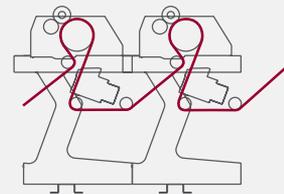
Shorter web paths mean less material in press and less material wasted

UV with Chilled Impression Roll



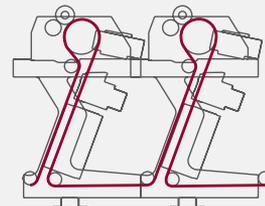
Shortest web path —
53 inch (135 cm) between print heads.

UV without Chilled Impression Roll



Extremely short web path —
70 inch (178 cm) between print heads.

Hot Air & UV Combination



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

Specifications & Configurations

The modular, dual servo Performance Series P7 platform can be configured to support a broad range of applications. Proven to deliver a more consistent quality and faster turnaround than its competitors, the P7 allows you to take on complex constructions, offer a multitude of value-added enhancements and expand into film and shrink markets.

P7	Imperial	Metric
Web Width	10/13/17/20 inch	250/330/430/510 mm
Max Speed	750 fpm	230m/min
Substrate Range	.5 mil – 18 pt	12 – 450 micron
<i>Machine configuration is based upon desired substrate capability</i>		
Print Repeat Range	5.5 – 24 inch	140 – 610 mm
Die Repeat	24 inch max	610 mm max
Unwind Capacity	40 inch	1016 mm
Rewind Capacity	40 inch	1016 mm

Features

Drive System	Independently servo-driven web transport and tooling
Optional Features	Auto-registration Pre-registration Re-registration Insetting VariPrint
Print Station	Exclusive open design with load-and-lock technology
Die Cutting	In-line rotary die cutting (up to 3 stations) QCDC (Quick Change Die Cut)
Drying & Curing	High-efficiency hot air drying Single UV or Dual UV (chill drum optional) Combination hot air and UV ProLED UV LED Electron Beam (EB)
Backside Printing	Web-reversing options available

Options

Hot Foil
Cold Foil
Embossing
Dual Web Paths
Dual Rewinds
Rotary Screen
RFID Insertion
Film Configurations
Lamination
Rail System

For individualized configurations, our Custom Design Team can develop a variety of printing and converting solutions to meet many specialized applications. Ask your representative about all available options.

Applications

- Bottle Wraps
- Film
- Unsupported Film
- Film Labels
- Prime Labels
- In-mold Labels
- Light Cartons
- Industrial/Heavy Duty Labels
- Roll-fed Labels & Wraps
- Shrink Sleeves
- Specialty
- Tags & Tickets
- Wine & Spirit Labels
- Extended Content Labels

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**.

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