



MARK ANDY

XP5000

INTELLIGENT SERVO INTEGRATION

FULLY ELECTRONIC SHAFTLESS DESIGN

UNBEATABLE MULTI-PROCESS FLEXIBILITY



Sophisticated Productivity Intelligent Printing Technology

POWERFUL SERVO FUNCTIONALITY ■ NIMBLE FLEXIBILITY ■ SOPHISTICATED OPERATION

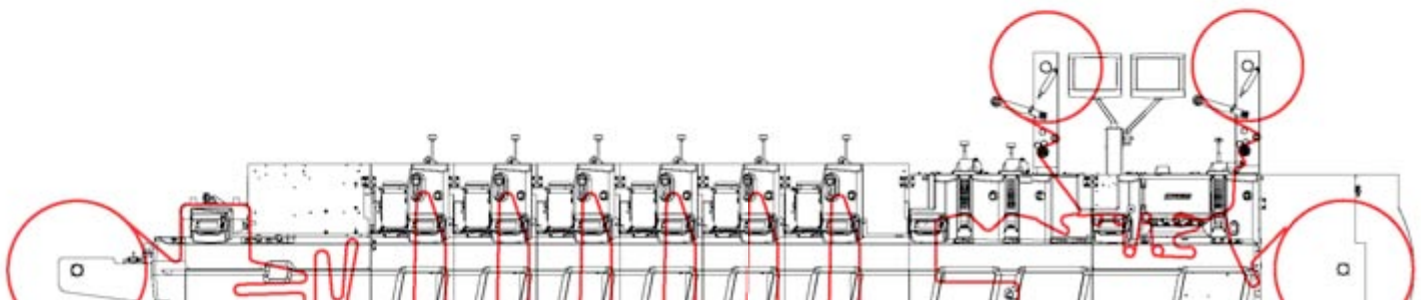
Fully upgradable this press can grow and expand as business needs evolve.

With the most advanced print platform among the Mark Andy line, the XP5000 delivers the highest productivity and most rapid changeovers with an exclusive servo system design. Offering a wide range of printing technologies including UV, water-based flexo, rotary screen, hot foil, cold foil and more, the XP5000 is a true platform design. Each print technology is fully interchangeable between any print station, making it the ideal platform for flexibility and high-speed productivity.

As with any Mark Andy press, custom designs and configurations are available to meet virtually any need. Custom configurations for unique applications are expertly designed by the Mark Andy Custom Design Team who has delivered proven specialty designs for over 60 years to customers around the world.

The XP5000 delivers profitability with the ultimate in narrow web printing and converting.

- Film pressure sensitive – PE, PET, BOPP
- Unsupported film – PP, OPP, BOPP, PE
- Shrink film – OPS, PET, PVC
- Paper pressure sensitive
- Paper
- Aluminum and metallics
- Light board and tag
- Specialty – RFID, printed electronics and more



Outstanding benefits of the Mark Andy XP5000

Fastest Changeovers – Easy and Rapid

Drive your profits with the fastest job set-up and changeover. Print runs depend on them. The XP5000 combines many features to assure every job is high quality, saleable finished goods.

- Unique print head design loads plate rolls FAST!
- Detachable inking system
- Intelligent pre-registration with precise servo plate roll positioning
- Sophisticated job management system on-board stores all critical settings
- The Invisible Helper tackles many job tasks at once



Reduce and Eliminate Material Waste

Substrate, usually the largest cost to any print operation, is minimized with the most advanced servo system available.

- Patented, intelligent and fully automated registration
- Fully shaftless design is deflection-free with reduced vibration at any speed
- Advanced servo controls for seamless web tension

Effortless Operation

- Simple, one-touch access to all press functions
 - Fast job set-up and recall
 - Set and store all job parameters for flawless repeatability
 - Intelligent message center – instant alerts and “HELP” center available at all times
 - Operator panel at every print station
- Instant Remote Diagnostics

Features that truly deliver productivity and profits

Highest-speed Production

- Robust around-the-clock operation – high speed 750 fpm (230m/min)
- Unmatched drying and curing
- Advanced closed loop auto registration and tension control

Ultimate Substrate and Process Flexibility

- Print on many substrates – label stock, film, foil, board and more
- Re-insert preprinted webs – re-run more than once to effectively “increase” the length of your press
- “QC” platform cassettes – reconfigure any print station to fit any print technology
- VariPrint – constant control of extensible substrates

Full UV Integration with UVT PowerSmart

- Control UV functions from the main OIT
- Remote diagnostics
- Recall all UV job settings with press job save and recall function
- Single web path for hot air, UV and UV chill applications

Impeccable Job Quality

- Shaftless servo implementation removes components that create process variation and print defects
- Robust print head design ensures consistency of solid ink density and dot quality
- Closed loop rewinds with taper tension control ensure consistent quality rolls



Mark Andy is the leading machine designer and manufacturer in the printing and converting industry, with more than 7000 installations worldwide. But our interest doesn't stop at the equipment – we form partnerships with our clients that empower them to increase productivity, efficiency, and ROI. Backed by decades of experience, Mark Andy supports you with full in-house engineering, complete custom-design, print management and manufacturing, all from a single source.

XP5000 – the right press for all the right applications

Deliver profits to your business by producing virtually any narrow web application using the XP5000.

Every XP5000 offers the following specifications

FEATURE	ENGLISH STANDARD	METRIC
MAX Speed	750 fpm	230 m/min
Print Width	10", 13", 17", 20"	254, 330, 432, 510mm
MIN Print Repeat	5.5"/7"	140mm/178mm
MAX Print Repeat	24"	610mm
MAX Diecut Repeat	24"	610mm
Unwind Capacity	40"	1016mm
Rewind Capacity	40"	1016mm
Reinsertion	■	■
Custom Web Configurations	■	■

Finishing

Dual Diecut Station
Triple Diecut Station
Conveying
Sheeting
Fan Folder

Options

Delam/Relam
Reversing Print Station
Roll Loader
Web Turnbar

"QC" Platform Cassettes

Cassette Cart



Rotary Screen



Hot Foil



Cold Foil



Inter Station Diecut





World Class Service

All Mark Andy equipment is backed 100% by MAX, the customer service and support arm of Mark Andy Inc. With the largest team of technicians and parts specialists in the narrow web industry, MAX is dedicated to enhancing the customer's productivity, improving print quality and guiding the customer in new applications.

Our certified technicians and specialists provide:

- > Installation
- > Training
- > Preventive Maintenance
- > Parts
- > Retrofits
- > Consumable Products

MAX supports customers with the knowledge and experience that only an OEM service team can provide. For additional information about MAX, including the products and services available, visit www.yourfriendinflexo.com.

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