

MATAN **Spring**[®] 12



Matan **Spring12**, the ultimate industrial solution for the Labels, Tags & Ticket converting industries, producing high-quality short-run labels, tags and decals, offering unsurpassed flexibility, cost-effectiveness, and reliability

The Short Run Winner
MATAN
Digital Printers

Winning Applications

Garment Tags & Labels

Promotional labels

Private labels

Safety labels

Barcodes & variable data

Traffic signs

Fashion tags

License plates

Wine & beverage labels

Industrial labels

Membrane switch overlays

and many more...



DFS Digital Finishing System (optional)

The DFS laminates, digitally die-cuts, slits, and re-rolls label stock in minutes!

The Digital Finishing System is the perfect match to complement the Matan Spring12 - reducing costs, shortening lead time and eliminating inventories. It can work either in-line or off-line to support other printing platforms. Go from raw materials to finished goods quickly & efficiently.

Features:

- Cutter mode
- Custom trimming for any image shape
- Media collection mode
- Adjustable web tension (7"-16")
- Electro-optical registration system
- Blank labels Cutting



MATAN **Spring**[®]
12



Uniqueness:

The Matan Spring12 is the winning short-run industrial solution for the Tag, Ticket & Label Converter, offering unsurpassed quality, cost-efficiency and flexibility, from one label to thousands.

What You Get:

- 4, 5, or 6 color printing in one pass
- Up to 270 meters per hour, (890 ft/hr.)
- Variety of spot colors, including opaque white, metallic gold and silver
- Ribbon types - Resin, Wax-resin
- Printing width up to 12" (307 mm)
- Prints on a wide range of substrates - BOPP, PE, Polyester, Polycarbonate and many more
- Optional in-line Digital Finishing System
- Low maintenance
- Industrial performance
- Replacing colors within seconds
- Variable data

What You May Forget:

- No Film!
- No Plates!
- No Dies!
- No Make Ready!
- No Clean Up!



Printing Method	Thermal Transfer - Up to six colors in one pass (Spot or Process)
Printing Resolution	1600x400, 1200x400, 800x400, 400x400, 200x400 dpi
Printing Speed**	Up to 270m/hr (885feet/hr), 82m ² /hr
RIP Software	Scanvec Amiable Rip [®] software
Spring Software	Windows XP based
Media handling	Roll-to-Roll
Media Width	Up to 320 mm
Effective Print Width	307mm
Media Roll Size	O.D. up to 500mm (Ø 19.6"), 3" Or 6" core
Take up roll (Collector) size	O.D. up to 350 mm (Ø 13.77"), 3" core
Ribbons length (Consumables)	Up to 500m per roll
Cleaning Devices	Antistatic ionizer and vacuum station (vacuum pump not included)
TCS (Temp. Control System)	Liquid temperature control system, ready to connect to chiller (chiller not included)
Printer Dimensions (Incl. feeder and collector)	Net: Width 100cm, Length 220cm, Height 100 cm
Weight	Net: Approx. 500 kg (1100Lbs.) Gross: Approx. 680 kg.
Power Consumption	24 Amp. (Max.)
Electrical Input	220/230 VAC, 50/60Hz, Single Phase
Air Supply Requirements	Dry air 5.5-6.0 ATM/Bar, Flow rate: 50 Ltr/min
Approval	CE

* Specifications and product appearance are subject to change without prior notice.

** Printing speeds may vary (depending on the chosen resolution and energy level).



About Matan

Matan Digital Printers is a leader in development, manufacturing and marketing of state-of-the-art digital printers & presses for a wide range of industrial applications. Today, Matan is offering a broad range of products, aimed for the signage and screen printing markets, as well as the Labels, Tags & Ticket converting industries.

Since its inception in 1991, Matan has introduced new innovations to the world of digital color printing. Its experienced R&D team is at the cutting edge of digital printing technology and includes world-class specialists in the fields of electronics, mechanics, software engineering and core printing technologies.

Matan's service approach guarantees quick and efficient response from its overseas service representatives who function as an integral part of the company's service system.

Matan's vision is to lead the color digital printing industry with unique solutions for demanding applications.



11 Amal St., Affek Industrial Park, Rosh-Ha'ayin 48092, Israel
 Tel: 972-3-9039939, Fax: 972-3-9039947
 E-mail: Info@matanprinters.com • www.matanprinters.com