MATAN Spark™ 1612

The Matan **Spark1612** - a cost-effective and productive digital printer for Decals, Signs and Label applications.

The Short Run Winner

MATAN

Digital Printers

MATAN Spark™ 1612

The Matan Spark1612 is the only industrial decal, label and sign printing system that can print at widths of both 16" and/or 12". The fastest mid-size printer in the market today, the Spark1612 prints a throughput of 60 linear meters per hour, enabling hundreds of prints to be produced in a single shift.

Features:

- Prints up to any 4 colors in 1 pass - CMYK or Spots
- Variety of spot colors, including opaque white, metallic gold and silver etc.
- Environment-Friendly
- 16" or 12" print width options
- Prints on a wide range of substrates & films
- Durable outdoor prints – up to 5 years without lamination
- Resin and wax/resin ribbons for indoor & outdoor applications
- Easy operation, low maintenance
- Replacing colors within minutes
- ICC profile
- Optional variable data software - Matan VariPrint

Winning Applications:

- Industrial Signs
- Indoor signage
- POP
- Banners
- Tags & Barcodes
- Motorcycle decals
- Traffic signs
- Packaging labels
- Variable data
- CD face plates
- Promotional labels
- Private labels
- Safety labels
- License plates

Videa Ltd. • Robi Hartmann • Niv Production

MATAN Spark™ 1612 Technical Specifications*:

Printing Method	Thermal Transfer - One Pass, up to 4 colors CMYK or Spot.	
Resolution	400x400 dpi (Hardware), 200x400 dpi	
Max. Printing Speed	16” 60m/hr (196 feet/hr) 24m²/hr (258 sq. feet/hr) 120 linear m/hr. at 400x200 dpi 48m²/hr	12” 60m/hr (196 feet/hr) 18m²/hr (193 sq. feet/hr) 120 linear m/hr. at 400x200 dpi 36m²/hr
Media Width	406-410 mm	306-310 mm
Effective Print Width	406 mm	
Media Roll O.D.	Ø 200 mm max.	
External Rip Software	Scanvec Amiable®.	
Spark Software	Based on Windows XP	
Hardware Image Processing	On-the-fly	
Workflow	Rips on-the-fly for Tiff: 50 dpi & Tiff Bitmap files 200/400 dpi. EPS or Postcript files can be RIPped on an external standard support RIP software..	
Media/Substrates	Vinyl, perforated (one-way vision), translucent, reflective, backlit, banner, PVC transparent film, clear, paper, tyvek, and more... Media handling: roll-to-roll printing (3” core).	
Output durability	No coating or lamination for output outdoor durability of up to 5 years (depending on the substrate used and environment).	
Printer dimensions	Width 85 cm (33.5”), Length 110 cm (43.5”), Height 60 cm (24”)	
Net Weight	Approx. 100 kg. (220 Lbs.)	
Power consumption	8 Amp. (Max.)	
Electrical Input	200-230 VAC, 50/60 Hz, Single Phase	
Air Supply Requirements	Air Supply: 6 ATM/Bar (Min.). Air Flow Rate: 50 Ltr/Min (Min.)	
Optional Upgrades	12” OR 16” printing width set up (rollers), 15” flat screen monitor, In-feed system (300m) for handling larger media rolls	
Approval	CE	

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

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 fondation 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.

The Short Run Winner

MATAN Digital Printers

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