



KONICA MINOLTA

METEOR Unlimited Colors

✧ First all-in-one digital inline toner printing and hot-foiling solution to create unlimited metallic colours

METEOR Unlimited Colors is a digital solution for service print provider, who are looking for a way to differentiate their services. By combining inline printing with hot foiling, you can now create prints in a virtually unlimited number of metallic colours. This effect can be achieved by blending the CMYK toner and taking advantage of the reflective qualities of foil. The METEOR Unlimited Colors gives you outstanding productivity, a remarkable toner-over-foil blend, and the ability to create brilliant and highly profitable metallic effects in a single pass. Take advantage of this perfect combination of CMYK printing & high-end finishing, and use it to offer added value and differentiation.



YOUR ADVANTAGES WITH THE METEOR UNLIMITED COLORS

FIRST-PASS FOILING

- Embellishment of print jobs with the original foil colour with a combination of toner and foil adhesion
- Highlight of areas like logos, shapes, text and lines
- Gold or silver foil to increase the value of print jobs

SECOND-PASS TONER

- First-pass foiling can be overprinted with CMYK toner to create an unlimited range of metallic colours
- Brilliant light-reflecting qualities of gold and silver foil



HIGH-CAPACITY STACKER

- High volume laser guided stacker
- Stacks up to 6,000 sheets to a height of 60 cm

FOR IRRESISTIBLE AND EYE-CATCHING PRINT APPLICATIONS

- Decorative jobs
- Small and luxury packaging
- Marketing collateral
- Greeting cards/ gift cards
- Book covers
- Business cards
- Publishing



100% DIGITAL PRINTING AND FINISHING SOLUTION

- No silk
- No film
- No make-ready
- No set up
- Digital mask to define the foiling area
- The heat and pressure process of the toner is used to bond the foil to the paper



Technical specifications

METEOR DP8700SE+ 4-COLOR PRINTING

Colour print speed	Up to 71 ⁽¹⁾ A4 sheets per minute
Print quality and line screens	Print resolution up to 3,600 dpi and line screens ranging from 130 to 270 lpi
Printable formats	Min. 100 x 148 mm – 3.9 x 5.8" Max. 330 x 700 mm – 13 x 25.6 ⁽²⁾
Supported substrate thicknesses	Paper from 65 to 400 g/m ² Synthetic: specific substrates such as Teslin® and Folex® Envelope from 100 to 400 µm with/without window
Paper input	2 Internal Trays (trays #1, #2) 1,500 sheets total capacity (500 + 1,000 sheets) 3 trays (#3, #4, #5) linking high capacity feeder with air feed system 3,930 sheet total capacity 2 x 1.390 + 1.150 ⁽²⁾ . Max. size is 330 x 700 mm from tray #5, otherwise 330 x 487 mm
Registration	Precise registration with ASCA (Automated Skew and Centering Adjustment) system. Comparable to offset, applies to all printed works (front-back, page-page at ± 0.5 mm)
Paper output	High pile motorized stacker for hosting up to 60 cm of paper height
Electrical specifications	Feeder: 1x (230V / 1P + N + E - 16 A) Printer: 1x (230V / 1P + N + E - 32 A) Computer & Rip: 3x 1x (230V / 1P + N + E - 16 A)
Operating environment	Required temperatures: 18° to 30°C Optimum between: 20° to 22°C Operating Humidity: 30% to 50% RH Optimal condition: 40%
Dimensions & weight	L x W x H: 5,56 x 1,31 x 1,93 meters 1,690 kg (Meteor DP8700Se+ & iFoil-T)
External Fiery EFI Fiery IC-308 controller	100% compatible with market standard software solutions like Adobe InDesign

(1) Without calibration and stabilization

(2) Using tray #5

IFOIL-T HOT FOILING STATION

Supported thicknesses with foil without toner overprinting	Min. 80 g/m ² equals to 80 µm prior to printing and possible lamination Max. 350 g/m ² equals to 350 µm prior to printing and possible lamination
Supported thicknesses with foil and toner overprinting	Min. 150 g/m ² equals to 150 µm prior to printing and possible lamination Max. 350 g/m ² equals to 350 µm prior to printing and possible lamination
Printing speed	Up to 50 ⁽¹⁾ A4 sheets per minute
Paper formats	Min. 110 x 220 mm Max. 330 x 700 mm ⁽²⁾
Substrats	The hot foil process is compatible with most of the substrates supported by the METEOR Digital Press (non-coated or coated paper, envelopes, PVC, Teslin, etc.)
Hot foils	Utilizes standard hot foils available on the market. Integrated foil consumption system. Popular foil colours are supported such as, gold, silver, blue, red, green & black.
Rolls	Hot foil are delivered on rolls. Standard roll is 320 mm width and 400 meter long, using an one inch core. Possibility to use smaller widths such as 100 mm and add them up on the same axis for laying up to 2 simultaneous colours. Standard 1" core, 3" core as an option.
Foil manager software suite	METEOR Manager is a powerful supervision software platform. Within a single tool, it gives access to the operator to the entire parameter to manage and setup the production from 4-color printing through hot foil finishing. All the parameters can be also stored for further reprinting which saves you time and improves your efficiency.
Electrical specifications	iFOIL-T: 2x (230V / 1P + N + E - 32A) 1x (230V / 1P + N + E - 16 A) Stacker: 1x (230V / 1P + N + E - 16 A)
Operating environment	Required temperatures: 18° to 30°C Optimum between: 20° to 22°C Operating Humidity: 30% to 50% RH Optimal condition: 40%
Dimensions & weight	L x W x H: 5,56 x 1,31 x 1,93 meters 1,690 kg (Meteor DP8700Se+ & iFoil-T)

(1) Print speed may vary according to the substrate and print parameter used

(2) Please contact Konica Minolta to check your substrates/toner/foils compatibility

(3) Duplex technical limitation. Please contact us.

- All specifications refer to A4-size paper of 80 g/m² quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4).
The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
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