



Giving Shape to Ideas

4-Color Digital Press

METEOR DP8700Se+

Expand your scope of applications – with the myriad of compatible paper, synthetics and envelope solutions the Meteor DP8700Se+ can produce. You can offer new opportunities to your customers that translate into higher sales and profitability for your business.



MGI
Digital Technology

A True Competitive Advantage.



The Meteor DP8700Se+ Series is the new generation of professional digital press for productivity, quality, cost-effectiveness, flexibility and reliability in the graphic industry. Expand your scope of applications with the variety of paper and synthetic substrates the Meteor DP8700Se+ can accommodate – up to 350 gsm/130 lb cover/16 pt. With compatible paper types including Bristol, matte, glossy, C1S-C2S, Kromekote, Teslin®, linen, art-textured, and label stocks, now, new opportunities await that translate into higher sales and profitability. You no longer have to simply sell color printing – you can offer sophisticated document types with full variable data and personalization, generating real added value.

The power of Personalization and Variable Data Management

The possibility of personalizing on-demand printing is revolutionizing the printing industry. The powerful external controller allows you to be proactive and cost-effective when managing variable data for short and medium print runs.

Target Your Customers Personally and Individually

Personalized printing enables your customers to communicate to their targets individually, with applications such as personalized advertising, automatic numbering, bar codes, alphanumeric databases and photos, on virtually any paper substrate you choose.

Paper Printing Today is a Rapidly Changing Market that Demands:

Substrate flexibility in quality, diversity and thickness.

Speed – the Meteor DP8700Se+ can produce up to 4,260 A4/ letter pages per hour in 4-color process.

Autocalibration of colors – use the integrated densitometer to ensure color consistency during production runs and reprinting.

Automatic Duplexing – available on all feeding options for paper up to 300 gsm/115 lb cover/13 pt.



Unique Paper Format for Lucrative Applications

The Meteor DP8700Se+ can print sheets up to 330x700 mm (13x27.5") which is truly unique in the digital press industry. So, if your customer wants a short run of gate-folded brochures with 3 A4/ Letter pages on one sheet, they no longer need to print a minimum quantity or pay setup costs for a 50x70 offset press. This exclusive feature opens up new horizons and brings more added value to your customers.



Substrates

Paper

- From 65 to 350 gsm, 23 lb bond up to 130 lb cover or 16 pt
- Coated matte or glossy, uncoated, card stock, textured, carbonless, and standard offset papers

Envelopes

- With or without windows
- DL, CS & C4 / #10, 6x9" and 9x12"

Synthetic Substrates

- Such as Teslin®, Folex®, MDV® etc.



Registration

The new automated Skew and Centering Adjustment (ASCA) system allows for on-the-fly registration. This involves several step motors and optical sensors and works without any operator involvement. The ASCA system is enabled for each printed side, allowing a very high and consistent registration for all automatic simplex and duplex jobs.



Hi-Def Toner

- Dry, silicone free toner
- Smaller particles
- Higher color-consistency
- Eco-friendly formula
- Long life toner
- Ability to swap on-the-fly without interrupting production



High Performance External Controller

Delivering print almost 2.5 times faster its predecessor, the new EFI Fiery FS100 Pro Platform is ideal for complex jobs with VDP, enhanced color management and workflow automation tools.





Wide Variety of Substrates.

Eliminate the need for minimum quantities, and enjoy a wide variety of compatible paper options.



High Quality Output up to 3600 dpi/270 lpi

- Resolution of up to 3600 dpi/270 lpi
- 3 new stochastic screen with anti-moiré feature
- 18 traditional line screens to fit all types of jobs
- Screens in 130, 150, 170, 200 and 270 lpi
- 256 shades per color (8 bit)
- Two different line screens within the same print job.



Envelope Production

Formats Include: DL, CS & C4/#10, 6x9" & 9x12" with the optional specific fuser and from tray 5



Glossy & Matte Coated Paper

- Brochures
- Leaflets
- Flyers

Chromolux & Kromekote

- Posters
- Postcards
- Folders

Art Paper

- Letterhead
- Invitations
- Greeting Cards

Adhesives & Translucent Stock

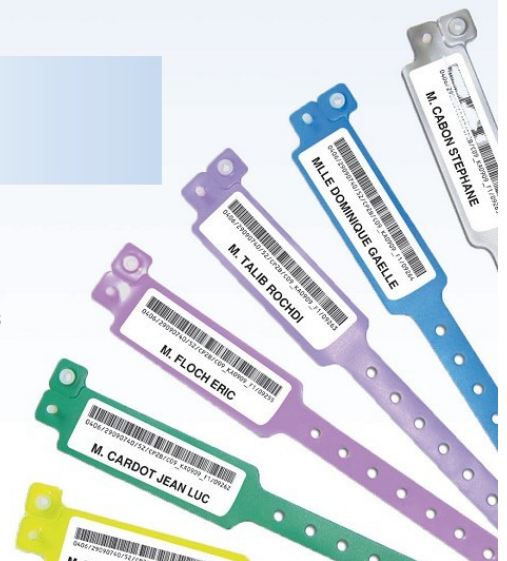
- Labels
- Transparencies
- POP Signage

Bristol

- Notecards
- Business Cards
- Stationary

Synthetics

- Secure/ID
- Tear Resistant
- Specialized Labels
- Waterproof Menus



Specifications

Meteor DP8700Se+

Monochrome and Color Print Speed ⁽¹⁾	<ul style="list-style-type: none"> Up to 4,260 A4/Letter pages per hour Up to 2,280 A3 pages per hour Up to 3,300 envelopes per hour
Electrophotographic System	<ul style="list-style-type: none"> 4 laser beams per color 256 levels per color (8 bit) New long life toner (C,M,Y & K)
New Print Quality and Line Screens up to 3600⁽²⁾ dpi	New predefined line screens, including 5 preset stochastic modes (random dot pattern FM). 20 traditional line screens ranging from 95 to 270 lpi
New Format	Min: 100x150 mm ⁽³⁾ - 3.9x5.9" Max: 330x700 mm ⁽⁴⁾ - 13x27.5"
Maximum Print Area	Up to 323x694 mm - 12.6x27.3"
Supported Substrates	<ul style="list-style-type: none"> Paper: Weights between 65 to 350 gsm/23 lb bond up to 130 lb cover or 13 pt (or 350µ ± 10µ). Bristol, Matte Coated and Bright, C IS/C2S, Chromolux[®], Kromekote, Vergé[®], ArtPapers, textured, carbonless, etc. Synthetics: Specific substrates such as Teslin[®], Folex[®] and MDV[®] Envelopes⁽⁵⁾⁽⁶⁾: Envelopes both with or without window (DL, C5 & C4 / #10, 6"x9" and 9x12")
Input	<ul style="list-style-type: none"> 2 Internal Trays (Trays #1 & 2) 1,500 sheets total capacity (500 + 1,000 sheets) From 65 up to 260 gsm or 10 pt Formats from 140x182 mm/5.5x7.1" up to 330x487⁽⁷⁾ mm/13x19" Tray linking 3 Trays linking high capacity feeder with air feed system Tray #3: <ul style="list-style-type: none"> 1,390 sheet capacity From 65 to 300 gsm or 13 pt Formats from 100x150 mm/3.9x5.9" to 330x487 mm/13x19" Tray #4: <ul style="list-style-type: none"> 1,390 sheet capacity From 65 to 300 gsm or 13 pt Formats from 100x150 mm/3.9x5.9" to 330x487 mm/13x19" Tray #5: <ul style="list-style-type: none"> 1,390 sheet capacity From 65 to 350 gsm or 17 pt Formats from 100x150 mm/3.9x5.9" to 330x700 mm/13x27.5" Envelopes
Registration	Precise registration. Comparable to offset, applies to all printed works (front-back, page-page at ± 0.5 mm)
Output	STANDARD <ul style="list-style-type: none"> High capacity pile stacker. Up to 6,000 sheets at 80 gsm (60 cm/24" high) automatic height adjustment.
Duplexing	Auto duplex up to 300 gsm/115 lb cover or 13 pt. From all 5 trays: Min size: 100x148 mm ⁽³⁾ /3.9x5.8" Max size: 330x487 mm/13x19"

External Controller	<ul style="list-style-type: none"> Intel Core i5 2400 3.1 GHz Processor 1 TB HDD/4 GB RAM/Internal DVD-RW Drive Ethernet 10/100/1000 BT/Windows 7 Pro 22" LCD display/Keyboard/Mouse
System Windows 7 FES 64-bit	<ul style="list-style-type: none"> Languages and file formats supported: Adobe PostScript 1, 2 & 3, Adobe PDF, PDF/X-1 a, 3 and 4, Encapsulated PostScript (EPS) Variable Data Printing: Fiery FreeForm v1 and v2.1, PPML v3.0 PDF/VT1 and 2, VPS compatible • JDF/JMF Support • JDP v1.2.2 IDP ICS certified, CIP4 certified and third-party workflow solutions.
Command Workstation 5.5	<ul style="list-style-type: none"> • Print queue management utilities with on-demand reprinting. Auto trapping. • Professional color management tool: <ul style="list-style-type: none"> • Profile management: CMYK (Euroscales Fogra, SWOP) and RGB (sRGB, Adobe RGB) • ICC/ICM (ProfilMaker, ColorMatch) • PANTONE[®] certification with "Spot-Net" • Built-in automatic color calibration • Integrated automatic calibration and external calibration with i1 Pro2 spectrophotometer • Two different line screens within the same print job: <ul style="list-style-type: none"> • One line screen for pictures • One different line screen for text/vector graphics
Personalization and Variable Data Printing	<ul style="list-style-type: none"> • 100% compatible with variable data management solutions; New Leaf & PReS PrintSoft, Bartender Seagull Scientific, Adobe InDesign, PrintShop Mail • Compatibility with VDP languages: PPML 2.2 (PODI certified), FreeForm and FreeForm 2, Creo VPS
Open Architecture - Mac/PC Compatible	<ul style="list-style-type: none"> • All DTP applications in CMYK and RGB • Adobe InDesign, Illustrator, Photoshop, Acrobat, Quark XPress, Corel Draw, etc. • All Office RGB applications: Microsoft Word, PowerPoint, Excel, etc.
Intelligent Substrate Management	<ul style="list-style-type: none"> • Unlimited customizable library of paper & synthetic substrates. Touch screen interface. • Substrate value settings including: Inking transfer, engine temperature, preconditioning temperature, V.B.R.S (Vibration and Banding Reduction System) on heavy stock.
Electrical Power	230 V VAC ± 10 % ; 50/60 Hz ± 3 % 9.5 kW maximum, 42 A
Operating Environment	<ul style="list-style-type: none"> • Required temperature: 15° to 30°C (59°F to 86°F) Optimum between 18° to 23°C (64° to 73°F). Maximum variation of 10°C (50°F) per hour • Operating Humidity: 30% to 50% RH. Optimal condition: 40 %
Regulations and Safety Standards	UL, cUL, FCC-B, DOC, VCCI, CE Marking, C-Tick, CDRH, GOST Environmental Standards: Energy Star, WEEE, RoHS Safety Standard: ISO 15 408
Physical Specifications	Dimensions (L x H x W): 350 x 192 x 143 cm/138 x 76 x 56" Weight: 838 kg/1,847 lbs

The above specifications are referring to 80 gsm paper unless otherwise noted. Print speed will vary according to substrate length. Minimum & maximum substrate thickness will apply.

- (1) Without calibration and stabilization
 (2) Equivalent to 1,200 x 1,200 dpi x 8 bit
 (3) From trays #3 to #5
 (4) Using tray #5
 (5) An additional and specific fuser is required for envelope production printing
 (6) From trays #4 & #5
 (7) Max.A3 / 11 x 17" format for tray 1

Partnership.

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives.

Contact us to realize opportunities in:

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 Document Management
 Automated Workflow Solutions
 Business Process Automation
 Security and Compliance
 Mobility
 eDiscovery Services

IT Services

Application Services
 Cloud Services
 IT Security
 Managed IT Services
 IT Consulting & Projects

Technology

Office Multifunction Business Solutions
 Commercial and Production Printers
 3D Printers
 Wide Format Printers
 Laptops, Desktops and Computer Hardware
 Servers and Networking Equipment
 Managed Print Services (MPS)
 Managed Enterprise Services



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KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC.
 100 Williams Drive, Ramsey, New Jersey 07446

CountOnKonicaMinolta.com



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