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Meteor DP8700 XL+



The Meteor DP8700 XL+ is the most versatile toner-based digital press. Created for the key markets such as commercial printing, in-plants, plastic card manufacturers, book printers, photo printers, and many others, the Meteor DP8700 XL+ is faster and more precise thanks to a new thinner toner and more higher printing quality. An exclusive MGI feature allows to print up to 1200 mm (47") long.

While it incorporates the key features that made the Meteor+ series the most versatile in the industry, including true multi-substrate capabilities for paper, plastics and envelopes, laser-safe prints, offset comparable output and no click charge, the Meteor DP8700 XL+ features a host of capabilities designed to maximize production and ease of operation.

Complementary products

EnvelopExpress Pro
DF Pro Solo
JETvarnish 3D
iFOIL
PressCard Pro
PunchCard Pro

Related success stories

MGI Meteor for Langham Press
Moeller Printing Expands Printing Capabilities with MeteorDP8700XL
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Print Speed Monochrome and Color

Print Resolution

Formats

Substrates

Maximum Print Area

Input Trays

Digital Printing

Up to 4,260 A4/letter pages per hour
Up to 2,280 A3 pages per hour
Up to 1,620 330 x 600 mm pages per hour

New predefined line screens, including 3 stochastic screens and 18 traditional line screens ranging from 130 to 270 lpi. High printing quality up to 3,600* dpi

* equivalent to 1200 x 1200 dpi x 8 bit

Mini: 100 x 148 mm - 3.9 x 5.8"*
Maxi: 330 x 650 mm - 13 x 25.6" standard**
Maxi 330 x 1,200 mm - 13 x 47" with option**

* from bypass
** max. paper weight 250 gsm

PAPER

Weights between 65 to 400 Gsm / 17 lb bond up to 147 lb cover / 16 pt (or 400µ ±10µ).
Bristol, Matte Coated and Glossy, Vergé®, Chromolux®, art papers, carbonless, etc.

PLASTICS

Thicknesses between 100* to 400µ - 4mil up to 18mil
Print PVC**, Polyester, Polycarbonate, PET, Vinyle, Autotype, Teslin®, Yupo®, Melinex®, Agfa Synaps®, Canvas/Buckram, etc.

ENVELOPES

Envelopes with or without windows, paper weight up to 150 Gsm

* depending upon the material melting point
** supported PVC thickness 200-400 µ

New extended printable width up to 323mm/12.7".
Maximum printable area up to 323x1193mm/12.7x46.9" (with option)

2 trays
1,500 sheet total capacity (500* + 1,000 sheets)
Weights from 65 up to 260 Gsm or 10 pt
All sizes included from 140x182 mm to 330x487* mm (5.5x7.2" to 13x19")
Ability to link trays

* tray 1 max. paper size is A3 / 11x17"

Bypass	<p>250 sheets capacity from 65 up to 300 gsm Includes formats from 100x148 mm to 330x1200 mm (with option) / 3.9x5.8" to 13x47" DL, C5 & C4 envelopes</p>
High Capacity Pneumatic Loader	<p>3,000 sheets maximum capacity Weights from 150 to 400 Gsm or thicknesses from 100 to 400 µ/4mil up to 16mil Accepts all formats ranging from 100x220 mm to 330x1200 mm/3.9x8.7" to 13x47" (with option). The feeder module is thermoregulated for the moisture stabilization of substrates</p>
Offset Registration Table	<p>Precise registration (± 0,2 mm L-R and front-back, page-page ± 0,5 mm) Feeder table with fully motorized and automatic side lay guide. Auto-adjusts for format width and paper skew Ultrasonic double sheet detection system</p>
High Capacity Stacker	<p>Top loading Laser guided stack adjustment Capacity of up to 6,000 sheets @80 Gsm/20 lb bond Optional envelope stacking table</p>
Duplexing Unit	<p>Auto duplex from 2 trays, bypass and offset feeder for substrates up to 300 Gsm/ 136 lb bristol and up to 330x487 mm/13x19"</p>
External Controller	<p>- Latest Fiery FS100 Pro Controller Intel Core i5 2400 3.1 GHz Processor, Hard Disk Drive / DVD Drive / 1 TB HDD, 4 GB RAM / Internal DVD-RW Drive / Ethernet 10/100/1000 BT / Windows 7 Pro, 19" LCD display / Keyboard / Mouse</p> <p>- Languages and file formats supported Adobe PostScript 1, 2 & 3, Adobe PDF, PDF/X-1a, 3 and 4, Encapsulated PostScript (EPS)</p> <p>- Variable Data Printing Fiery FreeForm v1 and v2.1, PPML v3.0, PDF/VT 1 and 2, VPS compatible</p> <p>- JDF/JMF Support JDP v1.2.2 IDP ICS certified, CIP4 certified and third-party workflow solutions</p>
Command WorkStation	<p>Command Workstation 5.5 Print queue management utilities with on-demand reprinting</p> <p>- Professional color management tool : Profile management: CMYK (Euroscale Fogra, SWOP) and RGB (sRGB, Adobe RGB) ICC/ICM (ProfilMaker, ColorMatch) PANTONE certification with "Spot-On" Built-in automatic color calibration External calibration with a X-rite i1 Pro 2 spectrodensitometer provided</p> <p>- Two different line screens within the same print job: One line screen for pictures One different line screen for text/vector graphics</p> <p>- Autotrapping</p>
Variable Data	<p>- 100% compatible with variable data management solutions: NEWLEAF & PReS PrintSoft ,Bartender Seagull Scientific, Adobe InDesign, QuarkXPress, PrintShop Mail, etc.</p> <p>- Using the following languages: PPML 3.0 (PODi certified) FreeForm and FreeForm 2 Creo VPS</p>
Intelligent Substrate Management	<p>- Unlimited customizable library of paper & synthetic substrates - Substrate specific values for optimized printing include inking transfer, engine temperature, Infrared preconditioning temperature - Touch screen interface</p>
Open Architecture - Mac/PC Compatible	<p>- All DTP applications in both CMYK or RGB Quark XPress, Adobe Illustrator, Photoshop, Acrobat, InDesign, Corel Draw, etc. ...</p>

Option(s)	<ul style="list-style-type: none"> - All Office RGB applications Microsoft Word, Excel, Publisher, etc. ... - Extended paper length up to 1,200 mm - Inline finishing solution DF Pro : Cut, crease and perforate - EnvelopExpress Pro, an high capacity envelop feeder
Electrical Power	<p>230 V VAC \pm 10 % ; 50/60 Hz \pm3 % 2 plugs 32A + 3 plugs 16A For a total of 14.5kW/59A</p>
Operating Environment	<ul style="list-style-type: none"> - Required temperatures : 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 60% RH Optimal condition: 40% - Noise level: 69dB(A) at 50Hz
Dimensions & Weight	<ul style="list-style-type: none"> - Dimensions (L x H x W) : 506 x 181 x 158 cm - Weight: 1,087 kg / 2,397 lbs
Regulations and Safety Standards	<p>UL, cUL, FCC-B, DOC, VCCI, CE Marking, C-Tick, CDRH, GOST Environmental Standards : Energy Star, WEEE, RoHS, REACH, Safety Standard: ISO 15 408</p>