

# MGI

digital graphic technology

*"We Revolutionize Digital Thinking"*

## ***METEOR DP60 PAPER***<sup>®</sup>

*The Technological Convergence  
Of Digital & Offset Printing*

**New**



*Multi-Substrate 4-Color Digital Press For Paper & Envelopes*

# METEOR DP60 PAPER®

# True Vers

## 1 Substrates

- Minimum sheet size: 140 x 182 mm / 5.5" x 7"
- Maximum sheet size: 330 x 487 mm / 13" x 19"
- Maximum print size: 320 mm x 480 mm  
12.6" x 18.9"

**Paper : 70gsm to 300gsm / 20lb bond to 110lb cover/165lb index**  
**Envelopes (window/non-window) : C4, C5, C6, DL**

## 2 Flexibility and Productivity

- Up to 3,900 A4/letter sheets/hour
- Up to 1,600 330 mm x 487 mm  
13"x 19" sheets/hour
- Monthly duty cycle 600,000 A4/letter
- Automatic duplexing : up to 260 gsm/  
20lb bond/94lb cover

## 3 Exceptional Print Quality

- Up to 2,400DPI/200LPI
- ICC profile management
- Oil-free toners ensure maximum print quality
- Change toners on the fly
- Vibration Reduction System (VRS)**, a proprietary MGI feature that virtually eliminates vibrations on certain types of substrates, ensuring highest quality prints

## 4 RIP

- External RIP / Fiery System 8
- Print queue management utilities
- Variable data printing, **PPML & VPS**
- ColorWise Pro Tools** for complete CMYK & RGB profile management
- "Spot On"** integrated PANTONE® swatches
- Advanced colorimetry calibration software (Eye-One®)
- Integrated densitometer for automatic calibration
- 4 line screens available**
- Option to upgrade RIP



# 360° Walk

## A True Competitive Advantage ...

The **METEOR DP60 PAPER®** is the new generation of professional digital presses for productivity, quality, cost-effectiveness, flexibility and reliability in the graphic industry.

Expand your scope of applications with the variety of paper substrates the Meteor DP60 Paper can accommodate (**up to 300 gsm / 110 lb cover/165 lb index**). With compatible paper types including **bristol, matte, glossy, CS1-CS2, Kromekote, Teslin®, linen, art-textured, and labels**, the METEOR DP60 Paper offers you new opportunities that translate into higher sales and profitability. You no longer sell simple color printing but **sophisticated documents with full variable data and personalization**, generating real added value.

### **METEOR DP60 PAPER®** the Power of Personalization and Variable Data Management!

The possibility of personalizing on-demand printing is revolutionizing the printing industry

The **METEOR DP60 PAPER®** 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 of your choice.

### Paper printing today is a rapidly changing market that demands:

- **Substrate flexibility** in quality, diversity and thickness.
- Faster than ever, the Meteor DP60 Paper can produce up to 3,900 A4/letter pages per hour in 4-color process.
- **Autocalibration of colors** using an integrated densitometer to ensure color consistency during production runs and reprinting.
- **Automatic duplexing** is available on all feeding options for paper up to 260 gsm / 20 lb bond - 94 lb cover.

# atility...



## 5 High Production Volume : Up to 8,300 Sheets

- 2 trays with high capacity of 6,800 sheets (2x3,400 sheet feeder)
- Automated high pile output stacker with a maximum capacity of 6,000 sheets
- 3 trays with total capacity of 1,500 sheets (3x500 sheet feeder)
- Accommodates up to 250 envelopes

## 6 Climate Control System

A proprietary MGI feature to regulate the temperature and humidity of substrates, ensuring highest quality prints.

## 7 Touch Screen Interface

Pre-loaded substrate profiles allow for easy "point & click" auto-calibration of mechanical and software settings.

## 8 Upgrade Capabilities

The **METEOR DP60 PAPER** can be upgraded to a **METEOR DP60 PRO** with multi-substrate capabilities (plastics), so your equipment can grow along with your business.

## 9 Remote Technical Support

Remote trouble shooting and support via PC and video/web camera (high-speed internet connection required), in addition to standard maintenance.

# Around

Paper Applications : Up to 300gsm  
110lb cover/165lb index

Printing through finishing  
with the offline **UVarnish** coater



**UVarnish**  
The UV coater by M.G.I.



MGI's UVarnish® is the first and only "push-button" UV-IR coater available in the digital graphics market. Easy to use and with the smallest footprint in the industry, the UVarnish is designed to complement both digital and offset printed paper or plastic substrates. Other unique features include an ultrasonic sensor to detect and prevent double feeding, which protects personalized VDP sheets. The UVarnish is environmentally friendly, utilizing an ozone-free UV curing technology. Depending on the type of substrate and intended application, various varnish finishes are available, including matte, glossy and pre-lamination varnish for plastic hot platen lamination. Optional accessories include a high capacity feeder and a high capacity stacker.

**Matte & Glossy CS1 CS2**

**Kromekote**

**Textured Art Paper**

**Labels**

**Bristol**

**Envelopes**

- Brochures
- Booklets
- Leaflets

- Poster
- Postcards
- Folder

- Letterhead
- Invitation Cards
- Vellum Transparent

- Adhesive Stickers

- Post Card
- Business Card

- DL
- C4 - C5 - C6
- Up to A4

# Technical Specifications

## METEOR DP60 PAPER®

### Print Speed Monochrome & Color

Up to 3,900 A4/letter sheets per hour

Up to 1,600 330 mm x 487 mm / 13" x 19" sheets per hour\*

### Substrates:

From 70 to 300gsm

From 20lb bond to 110lb cover/165lb index

### PAPER :

Bristol, matte, coated, Kromekote®, art, textured, bond, labels, CS1, CS2, envelopes, Teslin®.

### Substrate Sizes:

Minimum: 100 mm x 150 mm\*\* / 3.9" x 5.9"

Maximum: 330 mm x 487 mm / 13" x 19"

### Maximum Print Area:

320 mm x 480 mm / 12.60" x 18.9"

### Print Resolution:

2400DPI/200LPI

Integrated Vibration Reduction System (VRS)

High definition synthetic toners (oil-free).

### Input:

#### 3 Trays

- 500 sheets capacity per tray

- From 70 up to 250 gsm

(20lb bond to 94lb cover)

All formats accepted

from 140 x 182 mm / 5.5" x 7"

to 330 x 487 mm / 13" x 19"

### 2 High Capacity Trays

Capacity of 3,400 sheets each (70 to 300 gsm)

from 20lb bond up to 110lb cover/165lb index

High capacity trays are thermoregulated

Removable and compact delivery stream

### High Capacity Output Stacker:

From 2,000 to 6,000 sheets (70 gsm up to 300 gsm,

20lb bond up to 110lb cover/165lb index)

### Automatic Duplexing:

#### From all Trays:

Min Format: 140 x 182 mm (5.5" x 7")

Max Format: 330 x 487 mm (13" x 19")

From 70 to 260gsm.

### PC CommandWorkStation

- External tower. Intel Core 2 Duo E4500 2.2 GHz

### Fiery RIP Pro80 - System 8.0 :

- External tower. Intel Core 2 Duo E6400 2.13 GHz

- Screen proofing, line screening (4 personalized line screens), TIFF/IT management.

- Complete CMYK & RGB profile management.

ICC/ICM, SWOP, Euroscale Profile.

PANTONE Certified, "SPOT ON".

Integrated automatic calibration and external calibration with Eye-One® spectrodensitometer

- Print queue management utilities.

On-Demand re-printing. Management of printed jobs and jobs to be printed.

- Language & datastream supported:

Adobe PostScript 3, PPML & VPS (variable data management), TIFF & PDF 1.6

### Variable Data:

Compatible with all variable data software applications such as PrintSoft NEWLEAF and PreS, SeaGull

Scientific Bartender, Adobe InDesign, QuarkXPress, PrintShop Mail. PPML, VPS & FreeForm.

### PostScript Level 3 Driver:

For PC for Windows 98, Me, NT, XP, 2000, Vista and

PPD For Mac OS 9.x, OS X

### Mac & PC Compatible

#### & All Office RGB applications:

XPress, Illustrator, PhotoShop, Corel Draw,

InDesign, Adobe Acrobat, Microsoft Word, Excel,

Adobe Acrobat, Publisher.

### Option:

- Impose 2.6 / Compose

### User Friendly Touch Screen Interface:

Pre-load substrate profiles allow for easy "point and click" auto-calibration of mechanical and software settings, including a personal substrate profile library.

### Electrical Power:

220/240 V VAC ± 10%; 50/60 Hz ± 3%

Consumption: 7 kW maximum, 28 A

### Operating Environment:

8° to 30° C (50°F to 86°F) max variation

to 10°C per hour

Relative humidity level during operation:

40% to 60% RH

### Regulations & Safety Standards:

UL, cUL, FCC-B, DOC, VCCI, EC Marking, C-Tick, CDRH, GOST

### Dimensions & Weight:

#### Footprint (with feedboard):

3390 mm x 1730 mm x 1170 mm (W x H x D)

133.46" x 68.11" x 46.06" (W x H x D)

#### Weight:

+/- 650 Kg (1,363 lbs)

The above specifications are referring to 80 gsm paper unless otherwise noted

\* Without calibration and stabilization

\*\* From Tray 5



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