

# Specifications

## Meteor DP8700 XL+ 4-Color Digital Press

<b>Color Print Speed</b>	Up to 71 <sup>(1)</sup> A4 sheets per minute.
<b>Print Quality and Line Screens</b>	Print resolution up to 3,600 dpi and line screens ranging from 130 to 270 lpi.
<b>Printable Formats</b>	<ul style="list-style-type: none"> <li>• Minimum: 100x148 mm – 3.9" x 5.8"</li> <li>• Maximum: 330x1,200 mm – 13" x 47"</li> </ul>
<b>Supported Substrate Thicknesses</b>	<ul style="list-style-type: none"> <li>• Paper from 65 to 400 gsm (coated and uncoated);</li> <li>• Plastic from 100 to 400 µm (PVC, Teslin®, Vinyl).</li> <li>• Envelope from 100 to 400 µm with/without window.</li> </ul>
<b>Paper Input</b>	<ul style="list-style-type: none"> <li>• 2 Trays</li> <li>1,500 sheets total capacity (500+1,000 sheets).</li> <li>• Bypass</li> <li>250 sheets capacity from 65 up to 300 gsm.</li> <li>• Integrated Pneumatic Loader</li> <li>3,000 sheets maximum capacity</li> </ul>
<b>Registration</b>	Precise registration with exclusive Automated Skew and Centering Adjustment (ASCA) system. Comparable to offset, applies to all printed works (front-back, page-page at ±0.5 mm).
<b>Feeder Table</b>	Feeder table with fully motorized and automatic side lay guide. Auto-adjusts for format width and paper skew. Ultrasonic double sheet detection system.
<b>Paper Output</b>	High pile motorized stacker for hosting up to 6,000 sheets.
<b>External Controller</b>	Fiery FS100 Pro.
<b>Personalization and Variable Data Printing</b>	100% compatible with market standard software solutions (Adobe InDesign, Bartender, Newleaf...).
<b>Electrical Specifications</b>	Feeder: 1 x (230V / 1P + N + E / 32 A) Printer: 1 x (230V / 1P + N + E / 32 A) iFOIL T: 2 x (230V / 1P + N + E / 32A) 1 x (230V / 1P + N + E / 16 A) Stacker: 1 x (230V / 1P + N + E / 16 A) Computer & Rip: 3 x (230V / 1P + N + E / 16 A)
<b>Operating Environment</b>	<ul style="list-style-type: none"> <li>• Required temperatures: 18° to 30°C (59°F to 86°F)</li> <li>Optimum between: 20° to 22°C (64° to 73°F)</li> <li>• Operating Humidity: 30% to 50% RH</li> <li>Optimal condition: 40%</li> </ul>
<b>Dimensions &amp; Weight</b>	LxWxH: 6.73x1.40x1.81 meters/264"x55"x71" 2,002 kg/4,413 lbs

(1) without calibration and stabilization

## iFOIL T Digital Foiling Station

<b>Supported Thicknesses With Foil Without Toner Overprinting</b>	<ul style="list-style-type: none"> <li>• Minimum: 80 gsm equals to 80 µm prior to printing and possible lamination.</li> <li>• Maximum: 350 gsm equals to 350 µm prior to printing and possible lamination.</li> </ul>
<b>Supported Thicknesses With Foil and Toner Overprinting</b>	<ul style="list-style-type: none"> <li>• Minimum: 150 gsm equals to 150 µm prior to printing and possible lamination.</li> <li>• Maximum: 350 gsm equals to 350 µm prior to printing and possible lamination.</li> </ul>
<b>Printing Speed</b>	Up to 50 <sup>(1)</sup> A4 sheets per minute
<b>Paper Formats</b>	<ul style="list-style-type: none"> <li>• Minimum: 110x220 mm – 4.3" x 8.7"</li> <li>• Maximum: 330x1,200 mm<sup>(2)</sup> – 13" x 47"</li> </ul>
<b>Substrates</b>	The Hot Foil process is compatible with most of the substrates supported by the Meteor Digital Press (uncoated or coated paper, textured paper, envelopes, PVC, Teslin, etc.).
<b>Hot Foils</b>	Utilizes selected hot foils available on the market. Integrated foil consumption system. Popular foil colors are supported such as gold, silver, blue, red, green and black.
<b>Rolls</b>	Hot foil are delivered on rolls. Standard roll is 320 mm width and 305 meters long, using a 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 colors. Option: 3 inch core automatic unwinding.
<b>Foil Manager Software Suite</b>	Meteor Manager is a powerful supervision software platform. Within a single tool, it gives access to the operator to parameters to manage and setup the production from 4-color printing through foil finishing. All parameters can also be stored for further reprinting, saving time and improving efficiency.
<b>Electrical Specifications</b>	Feeder: 1 x (230V / 1P + N + E / 32 A) Printer: 1 x (230V / 1P + N + E / 32 A) iFOIL T: 2 x (230V / 1P + N + E / 32A) 1 x (230V / 1P + N + E / 16 A) Stacker: 1 x (230V / 1P + N + E / 16 A) Computer & Rip: 3 x (230V / 1P + N + E / 16 A)
<b>Operating Environment</b>	<ul style="list-style-type: none"> <li>• Required temperatures: 18° to 30°C (59°F to 86°F)</li> <li>Optimum between: 20° to 22°C (64° to 73°F)</li> <li>• Operating Humidity: 30% to 50% RH</li> <li>Optimal condition: 40%</li> </ul>
<b>Dimensions &amp; Weight</b>	LxWxH: 6.73x1.40x1.81 meters/264"x55"x71" 2,002 kg/4,413 lbs

(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.

## 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:

### Information Management

Enterprise Content Management (ECM)  
 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

For complete information on Konica Minolta products and solutions, please visit: [CountOnKonicaMinolta.com](http://CountOnKonicaMinolta.com)



**KONICA MINOLTA**

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