



MGI
Digital Technology

DF PRO 
SOLO

*Offline Digital Finishing Solution
For Your Printing Presses*

New



Cut

Crease

Perforate

Innovation in Motion



Technical Specifications

Key

Horizontal = feeding direction
Vertical = perpendicular to feeding direction

Paper format and thickness

Paper format :

- min : 105 x 148 mm (4.1" x 5.8")
- max : 375 x 1,200 mm (15" x 47")

Paper thickness :

- min : 70 Gsm (19 lb bond)
- max : 400 Gsm (147 lb cover/ 16 pt) or 400 µm depending on used tools

Finishing exclusively limited to paper substrates (no plastic, no PVC, no PE/PP)

Productivity

Up to 5,800⁽¹⁾ A4 sheets per hour (with 3 finishing functions)
Up to 3,800⁽¹⁾ A3 sheets per hour (with 3 finishing functions)

Paper Feeding

A high capacity pneumatic feeder is provided with an air feed system
The paper capacity is up to 6,000 sheets (80 Gsm/ 22 lb bond) or 60 cm/23" paper height

Registration Table

The DF Pro Solo has its own offset feeder table with variable air vacuum to enhance an accurate finishing (+/- 0.2 mm)

High Capacity Stacker

The DF Pro Solo has a high capacity stack, a top loading stacker with laser guided stack adjustment
It has a capacity of up to 6,000 sheets (80 Gsm/ 22 lb bond) or 60 cm/23" paper height

Standard Finishing tools

DF Pro Solo has two types of standard finishing tools:

- **On-board tools**
2 rotary blades for horizontal cutting/trimming
1 blade for vertical cutting
- **Interchangeable tools**
1 interchangeable tool for negative creasing (vertical)
Up to two tools can be simultaneously loaded and are automatically detected by the equipment.
The unused tool are stored in a parking area with free slots.

Cutting and Trimming

- **Trimming**
2 **standard** rotary blades working horizontally and in the range of 4 to 30mm from each sheet edge
- **Cutting**
1 **standard** interchangeable tool for multiple vertical cuttings (min. 4 mm between each cut)

Vertical Creasing⁽²⁾

Vertical direction

Multiple creasing available with a minimum gap of 2 mm. Each tool includes two different creasing widths for a better fit with the various paper thicknesses. 3 steps of creasing strength

- 1 **standard** tool for a negative creasing (folding on the front side of the sheet)
- 1 optional tool for a positive creasing (folding on the back side of the sheet)

Perforating⁽³⁾

Perforating density is 11 TPI⁽⁴⁾, 17 and 26 TPI available as an option
3 steps of perforating strength

- **Horizontal direction**
1 **standard** rotary blade up to 4 with *option* with a minimum gap of 30 mm/1.1" between each blade.
Continue or discontinue perforation fully under user's control.
Programmable by step of 1 mm / 0.04"
- **Vertical direction**
1 **standard** tool for multiple perforations across the entire width of the sheet. For discontinuous perforation, *optional tool* for a given perforation length.

Digital pilot and screen

User friendly touch-screen interface (14.5 cm/ 5.7" display)
Pre-defined formats
Up to 500 user templates

Electrical requirements

100-240V, 50-60Hz (1 phase 16A)

Dimensions and weight

Length x width x height : 320 x 181 x 120 cm/ 126" x 71" x 47"
(without the extensions for XL sheet sizes)
± 258 kg / 568 lbs

Operating environment

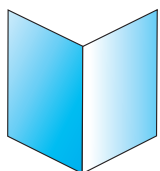
Temperature: 10°C to 30°C - optimal 18°C to 25°C
Temperature: 50°F to 86°F - optimal 64°F to 77°F
Relative Humidity level: 30 to 70 % - optimal 40 to 60 % RH

(1) Finishing speed will vary according to finishing tools and paper size used

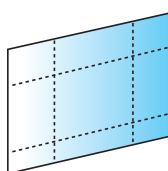
(2) Paper thickness from 100 to 400 Gsm or 400 µm depending on substrates

(3) Paper thickness from 80 to 300 Gsm or 300 µm depending on substrates

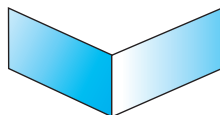
(4) TPI = Teeth Per Inch



Brochures



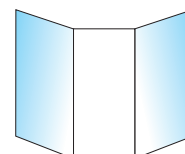
Vouchers



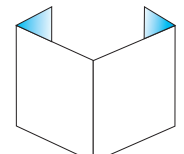
Invitations



Books



Menus



Book covers



Europe/Middle East/Africa/Russia
4, rue de la Méridienne
94260 Fresnes - FRANCE
Tel: +33 (0)1 45 21 06 60
Fax: +33 (0)1 46 68 71 55
info@mgi-fr.com
www.mgi-fr.com

@MGI_HQ
@MGI_USA



facebook.com/MGIonline



America/Caribbean/Asia Pacific
3143 Skyway Circle
Melbourne, FL 32934 - USA
Tel: +1 321 751 6755
Fax: +1 321 751 6777
info@mgi-usa.com
www.mgi-usa.com

Pre-launch brochure.

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