G-FOLD
FOLDER-GLUERS

1800 / 2000 / 2400 / 2800 / 3200

www.dgm-global.com
G-FOLD is a Two-Pieces Join Folder Gluer. It is suitable for large corrugated boxes. It is easy to set-up and friendly to operate. It can either process one or two pieces of carton. Equipped with independently motorized feeder, can feed two pieces of carton at same time and join them accurately thanks to a pneumatic lateral squaring device. The machine comes with two lower gluing wheels, left & right side, two upper electronic gluing systems, one for hotmelt application with one gun and the other one for cold glue with 3 guns.

AUTOMATIC TWO PIECES FOLDER-GLUER, WIRELESS REMOTE CONTROL

G-FOLD 1800 / 2000 / 2400 / 2800 / 3200 AC

Without pre-folding section, suitable for straight-line boxes and crash-lock bottom boxes.

MODELS

G-FOLD
1800 / 2000 / 2400 / 2800 / 3200

MATERIALS

Carton board
Corrugated board

BOXES

Straight line
Lock - bottom box
Two pieces box
Feeder

- Untimed Independent and motorized with 4/4/6/8/10 sponge feeding belts with 60mm width.
- Four lateral feed gates to adjust the width of each carton.
- 4 adjustable front feed knives, adjusting length due to each sample.
- Can feed one or two pieces into the lateral register (squaring device).

Two pieces assembly station

- Five big & two small guide plates (totally 7 pcs), each one big of them can adjust the distance via remote control, and the small guide plates at both sides with manual adjustment in order to keep in line with two piece of cartons.
- Pneumatic lateral squaring device in both sides to join two pieces after applying the glue.
- Two sets of 4 belts with 2 or 4 logs to maximize the production as per customer’s needs.
- Upper electronic gluing system by hotmelt to join two pieces.
- Photocell sends a signal to squaring to activate the pneumatic cylinders that join the two boards.

Crash lock bottom section

- 4 sets of folding fingers and accessories to fold the flaps and panels of boxes.

Gluing section

- Two lower gluing drums, left and right hand.
- Two upper electronic gluing systems allow to glue by hotmelt or cold glue, as per customer’s needs.

Folding and closing section

- Equipped with bottom and outer belts, can fold 180° the 2nd and 4rd crease.
- Left & right guide wheels allow flexible adjustment of different positions to provide a perfectly smooth folding of the box during its closure.
- Outer belts speed can be adjustable by two servomotor left & right side.

Trombone section

- Upper & lower arms adjustable in length.
- Automatic belt tensioning adjusting system.
- Automatic box collecting mechanism to ensure boxes enter to the press section neat and well aligned to form the perfect shingle of the cartons on the collecting area.
- Electronic counter and pneumatic kicker for counting the number of batches.
- Squaring device for accurate closing of lock-bottom boxes.

Press section (Delivery section)

- Independent and motorized section allow to adjust speed on conveyor.
- Automatic mode (percentage of machine speed) manual mode (continuous operation).
- 6.5 m length press section with 4.7 m effective pressure length.
- Infeed mouth fully adjustable for stack delivery.
- Upper section moves back and forward, allowing for different box lengths.
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>G-FOLD</th>
<th>1800</th>
<th>2000</th>
<th>2400</th>
<th>2800</th>
<th>3200</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Processed materials</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Carton board max.</td>
<td>1200 g/m²</td>
<td>1200 g/m²</td>
<td>1200 g/m²</td>
<td>1200 g/m²</td>
<td>1200 g/m²</td>
</tr>
<tr>
<td>Corrugated flute type</td>
<td>E, C, B, AB 3 &amp; 5 layers</td>
<td>E, C, B, AB 3 &amp; 5 layers</td>
<td>E, C, B, AB 3 &amp; 5 layers</td>
<td>E, C, B, AB 3 &amp; 5 layers</td>
<td>E, C, B, AB 3 &amp; 5 layers</td>
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<tr>
<td><strong>Capability</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Speed max.</td>
<td>200 m/min</td>
<td>200 m/min</td>
<td>200 m/min</td>
<td>200 m/min</td>
<td>200 m/min</td>
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<tr>
<td>Inching speed</td>
<td>20 m/min</td>
<td>20 m/min</td>
<td>20 m/min</td>
<td>20 m/min</td>
<td>20 m/min</td>
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<tr>
<td>Thickness of folded box max.</td>
<td>20 mm</td>
<td>20 mm</td>
<td>20 mm</td>
<td>20 mm</td>
<td>20 mm</td>
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<tr>
<td>Blank width (each piece)</td>
<td>550 - 950 mm</td>
<td>550 - 950 mm</td>
<td>550 - 1150 mm</td>
<td>550 - 1350 mm</td>
<td>550 - 1550 mm</td>
</tr>
<tr>
<td><strong>Dimensions &amp; weight</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>19 m</td>
<td>20.5 m</td>
<td>20.5 m</td>
<td>20.5 m</td>
<td>20.5 m</td>
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<tr>
<td>Width</td>
<td>2.65 m</td>
<td>2.8 m</td>
<td>3.1 m</td>
<td>3.5 m</td>
<td>3.9 m</td>
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<tr>
<td>Height</td>
<td>1.8 m</td>
<td>1.95 m</td>
<td>1.95 m</td>
<td>1.95 m</td>
<td>1.95 m</td>
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<tr>
<td>Net Weight</td>
<td>11.5 Ton</td>
<td>11.5 Ton</td>
<td>13.5 Ton</td>
<td>14.5 Ton</td>
<td>15.5 Ton</td>
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<tr>
<td><strong>Installation</strong></td>
<td></td>
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<tr>
<td>Electrical connected load</td>
<td>22.5 kW</td>
<td>22.5 kW</td>
<td>22.5 kW</td>
<td>22.5 kW</td>
<td>25 kW</td>
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<tr>
<td>Compressed air</td>
<td>6 bar</td>
<td>6 bar</td>
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<tr>
<td>Air compressor capacity</td>
<td>15 m³/h</td>
<td>15 m³/h</td>
<td>30 m³/h</td>
<td>30 m³/h</td>
<td>30 m³/h</td>
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<tr>
<td>Air tank capacity</td>
<td>60 L</td>
<td>60 L</td>
<td>120 L</td>
<td>120 L</td>
<td>120 L</td>
</tr>
</tbody>
</table>

**SCHEME G-FOLD**

- **Straight line**
  - A: 650 - 1800 mm
  - B: max. 1300 mm
  - C: min. 120 mm
  - D: 40 - 200 mm

- **Lock - bottom**
  - A: 650 - 2000 mm
  - B: max. 1300 mm
  - C: min. 120 mm
  - D: 40 - 200 mm

- **Two pieces**
  - A: 550 - 1000 mm
  - B: 100 - 1300 mm
  - C: min. 120 mm
  - D: 40 - 200 mm
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