Our Product Range:

- Window patching machines for carton blanks
- Pick & Place window patching machines
- Print inspection machines for carton blanks
- Film sealing machines for Gable Top cartons
- Folding box gluing machines
- Automatic stacking systems for
  - window patchers
  - narrow web flexo printing machines
- Compact disc sleeve machines
- CD/DVD tray placing machines
- Machines for special applications (on request)

Kohmann GmbH & Co. KG
Maschinenbau

P.O. Box 10 06 55
40806 Mettmann
Germany

Benninghofer Weg 7
40822 Mettmann
Germany

T +49-21 04-9146 0
F +49-21 04-9146 50
sales@kohmann.de
www.kohmann.de

Always a clear view

F-1100 Universal
Window Patching Machine for Cardboard Packaging

F-1400 Universal

www.kohmann.de
Innovative technology combined with proven engineering offer the best in productivity and efficiency. Low investment costs and high processing performance guarantee future success. These principles guide the design of our window patching machines.

**Universal**
Innovative technology combined with proven engineering offer the best in productivity and efficiency. Low investment costs and high processing performance guarantee future success. These principles guide the design of our window patching machines.

**Proven**
The single roller glue unit is fully retractable and ensures clean production. Optimized processing due to small glue surface. Very little residue to be disposed of when the work is finished.

**High-performance**
Large cylinder diameters and compatible machine components guarantee high machine performance. Numerous sensors for quality assurance reduce downtimes and prevent interruptions in downstream process stages.

**Innovative**
Data input with a graphics-capable touch screen, PLC control to monitor the machine’s functions and servomotor drives to reduce set-up time guarantee effective work and are therefore fixed components in the machine.

**Flexible**
Whether you require a simple window on a standard blank or a more complicated “pick & place” process on high-quality board: Our design allows the use of all additional equipment, either installed in our factory or retrofitted at a later point in time.

**Specifications:**

<table>
<thead>
<tr>
<th>Adjustment range, single stream operation</th>
<th>F-1100</th>
<th>F-1400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank length, mm</td>
<td>min 80</td>
<td>1030</td>
</tr>
<tr>
<td></td>
<td>max 1030</td>
<td>1030</td>
</tr>
<tr>
<td>Blank width, mm</td>
<td>min 80</td>
<td>1120</td>
</tr>
<tr>
<td></td>
<td>max 1440</td>
<td>1440</td>
</tr>
<tr>
<td>Film length, mm</td>
<td>min 50</td>
<td>720</td>
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<tr>
<td></td>
<td>max 720</td>
<td>720</td>
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<tr>
<td>Film width, mm</td>
<td>min 30</td>
<td>840</td>
</tr>
<tr>
<td></td>
<td>max 1140</td>
<td>1140</td>
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</table>

<table>
<thead>
<tr>
<th>Adjustment range, double stream operation</th>
<th>F-1100</th>
<th>F-1400</th>
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</thead>
<tbody>
<tr>
<td>Blank width, mm</td>
<td>min 80</td>
<td>545</td>
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<tr>
<td></td>
<td>max 705</td>
<td>705</td>
</tr>
<tr>
<td>Film width, mm</td>
<td>min 30</td>
<td>211/8</td>
</tr>
<tr>
<td></td>
<td>max 277/8</td>
<td>277/8</td>
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<tr>
<td>Depending on blank position:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Film width, mm</td>
<td>33/4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>44/4</td>
<td></td>
</tr>
</tbody>
</table>

Output figures:

- 1-stream:
- 2-stream:
- 3-up operation, blanks under 320 mm (12.6") max. 36.000/h max. 72.000/h
- 2-up operation, blanks under 475 mm (18.7") max. 24.000/h max. 48.000/h
- 1-up operation, blanks over 475 mm (18.7") max. 12.000/h max. 24.000/h

*Änderungen vorbehalten/ Subject to change*