Quality module for postproduction. Die cutting is regarded as an integral element of today’s demanding printing market. Varimatrix® 105 C/CS is a highly professional solution available in two variants geared to practical needs – Varimatrix 105 C as a standalone die cutter and Varimatrix 105 CS as a die cutter combined with a stripping station. This solution represents an important additional postpress module for commercial printers specializing, e.g. embossed cards, packaging, labels and stickers produced in short runs as well as typical packaging printers focusing on a wide range of product groups. The maximum sheet size of 750 × 1050 mm (29.53 × 41.34 in) ensures that the Varimatrix 105 C/CS is the ideal partner for a Speedmaster CX 102. It can be switched up at any time to handle longer runs of up to 7,500 sheets per hour. The broad material spectrum – including paper and card from 80 to 1,400 gsm and corrugated board with a total thickness of up to 4 mm (0.16 in) – opens up a wealth of options.

### Technical Data

#### Varimatrix 105 C/CS

**Suitable for the following materials (depending on material quality and sheet layout)**

- Maximum sheet curvature: 2.5% (with larger curvatures, we reserve the right to perform a test)
- Paper weighting at least 80 gsm
- Card or solid board up to a maximum weight of 1,400 gsm
- Corrugated board up to a maximum thickness of 4 mm (0.16 in)

**Performance data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum cutting pressure</td>
<td>300 metric tons (661,387 lbs)</td>
</tr>
<tr>
<td>Machine speed</td>
<td>7,500 spm</td>
</tr>
</tbody>
</table>

**Dimensions of Varimatrix 105 C/CS**

- Length of machine with feeder and preloading device: Approx. 6,120 mm (240.94 in)/approx. 7,075 mm (278.54 in)
- Width of machine with control console: Approx. 3,850 mm (151.57 in)/approx. 3,870 mm (152.36 in)
- Height of machine: Approx. 2,450 mm (96.46 in)/approx. 2,460 mm (96.85 in)

**Weights**

- Weight of machine with feeder: Approx. 15.8 metric tons (26,456 lbs)
- Weight of feeder: Approx. 1.7 metric tons (2,425 lbs)
- Pile height and weight:
  - Feeder including pallet:
    - in continuous operation: Max. 1,200 kg (2,646 lbs)
    - in non-stop operation: Max. 1,000 mm (39.37 in)
  - Delivery including pallet:
    - Max. 840 kg (1,852 lbs)
    - Height: Max. 1,000 mm (39.37 in)

**Technical data**

- Dimensions of cutting die (max.):
  - Cutting: 740 × 1,060 mm (29.13 × 41.73 in)
  - Net cutting area: 727 × 1,050 mm (28.62 × 41.34 in)
- Gripper margin, adjustable:
  - 10–18 mm (0.39–0.71 in)
- Cutting, S = Stripping

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Varimatrix 105 C/CS