## Technical Specifications

### Machine System
- **Gallus EM 340 S**
- **Gallus EM 430 S**
- **Gallus EM 510 S**

### Machine Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Gallus EM 340 S</th>
<th>Gallus EM 430 S</th>
<th>Gallus EM 510 S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (meter/min)</td>
<td>150</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>Web Width (mm)</td>
<td>340</td>
<td>430</td>
<td>510</td>
</tr>
<tr>
<td>Print Width (flexo)</td>
<td>340</td>
<td>430</td>
<td>510</td>
</tr>
<tr>
<td>Format Length (flexo)</td>
<td>660.4</td>
<td>660.4</td>
<td>660.4</td>
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<tr>
<td>Format Length (rotary)</td>
<td>660.4</td>
<td>660.4</td>
<td>660.4</td>
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<tr>
<td>Format Length (hot foil)</td>
<td>660.4</td>
<td>660.4</td>
<td>660.4</td>
</tr>
<tr>
<td>Format Length Increment</td>
<td>3.175</td>
<td>3.175</td>
<td>3.175</td>
</tr>
<tr>
<td>Number of Print Operations</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>

### Drying

- **UV**
- **Rotary**
  - **Processing Width**
    - **Max.**: 340 mm (13.4")
    - **Min.**: 254 mm (10")
  - **Format Length**
    - **Max.**: 660.4 mm (26.2")
    - **Min.** (magnetic cylinder):
      - **Max.**: 304.8 mm (12")
      - **Inc.:** 3.175 mm (1/8")
  - **Total Number of Operations**: 24

### Substrates

- **PS materials standard**
- **Paper from approx. 60 g/m²**
- **Cardboard up to approx. 300 g/m² at max. 0.45 mm (0.018") thickness**
- **Monofoil label materials on request**
- **Special substrates on request**
- **Tube laminates on request**

### Remote Diagnosis
- **HEIRES access**

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All technical data represent approximate values. Gallus reserves the right to make mechanical and design modifications.

*1) 254 mm/10" on request
*2) Depending on the hot foil embossing unit used
*3) Other format length increments on request
*4) Only at first and/or last printing station
For an advanced and successful production.

The Gallus EM 340 S / 430 S / 510 S can be used to produce self-adhesive and monofoil labels as well as a wide range of other products. A state-of-the-art servo-driven web-feed system ensures optimum cost-effectiveness and superb quality results. Combined with the unique platform concept and the consistent modular design, these machines are a secure investment in your success – both now and in the future.

Features
Modularity and the platform concept form the basis for maximizing process flexibility and the number of combinations available. This also applies to subsequent add-on requirements. The servo-driven hybrid flexographic and screen-printing units, with front loading of printing cylinders and anilox roller sleeves, combined with pre-setting functions, simplify working processes and also reduce setup and changeover times to a minimum. A sliding control panel with touchscreen and user-friendly menu navigation enhances ease of use and ensures maximum production reliability.

Printing methods
Hybrid printing unit for water-based (WB) and UV flexographic printing (front and reverse sides), solvent roto-gravure and rotary screen printing in combination with hot foil embossing and cold foil printing. Finishing options, including coating (varnishing) and lamination.

Processing
Rotary processing, slitting and crosscutting, relief embossing.

Strengths and areas of application
Inline printing and processing of self-adhesive labels made from paper/plastic (PP, PET, etc.) as well as embossed labels such as woven and shrink sleeves made from OPP and PET; flexible packaging and a wide range of other applications. The minimized setup and changeover times ensure that even short and medium-sized runs are cost-effective. Process changesover from flexographic to screen printing without needing to separate the webs.

Exceptional range of processes and substrates for the production of short to long runs – with or without finishing.