BöttcherTop 7500 Twin

The alternative for fast running heatset webs in all widths

<table>
<thead>
<tr>
<th>Presses</th>
<th>Heatset webs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing height</td>
<td>Conform to OEM recommendations</td>
</tr>
<tr>
<td>Substrates</td>
<td>Paper (coated, uncoated, LWC)</td>
</tr>
<tr>
<td>Inks</td>
<td>Conventional and vegetable oil based</td>
</tr>
<tr>
<td>Wash-up solvents</td>
<td>Conventional and vegetable oil-based</td>
</tr>
</tbody>
</table>

**Application**

- Micro-ground and polished printing surface, controlled roughness 0.7 - 1.0 μm
  - Well balanced halftone and solid quality
  - Optimum ink coverage on all substrates (coated, uncoated, LWC)
  - Quick release of all substrates

- Hydrophilic surface rubber developed for IPA reduced and IPA free printing
  - Reduced paper dust and ink piling
  - Extended cleaning intervals
  - Minimizes mechanical ghosting / negative print-through on coated and LWC papers

- No fabric between printing surface and first compressible layer
  - Neutral web feed
  - Minimizes dot gain difference between upper and lower side of web
  - No surface rubber delamination
  - No sinking at the gap, maximum print length

- Two compressible layers
  - Excellent resistance to excess-pressure (wrap-arounds, etc.)
  - Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear
  - Low tendency for heat-built-up (great stability of the ink/water balance, no surface rubber delamination)

- Two technologies: Microspheres (1st) / pressurized voids(2nd)
  - Low energy loss in time, extended service life
  - Instant recovery after every nip

- High stability carcass manufactured from pre-stretched and multi-calendered fabrics
  - Minimum residual elongation
  - High dimensional and register stability
  - Controlled gauge loss
  - Consistent web feed

**Features / Benefits**
### Construction

- **Fabric plies:** 3
- **Compressible layer:** Microspheres + pressurized voids
- **Identification lines:** none

### Surface

- **Colour:** Green
- **Finish:** ground and polished
- **Roughness (Ra):** 0.7 – 1.0 μm
- **Micro-hardness:** 60° Shore A

### Physical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Overall hardness</td>
<td>79° Shore A</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>&gt; 3750N/50 mm</td>
</tr>
<tr>
<td>Elongation at 500N/50 mm</td>
<td>&lt; 1%</td>
</tr>
<tr>
<td>Gauge loss at tensioning and running in</td>
<td>&lt; 2%</td>
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</tbody>
</table>

### Gauge

- **Nominal gauge:** 1.96 mm (+/-0.02 mm)
- **Gauge uniformity per Blanket of max. 1 m²:** +/- 0.015 mm

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All our product information’s you will find in the internet on www.boettcher-systems.com

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**The purpose of these technical data is to assist our customers. We list general experience and laboratory test. Translation of these to actual applications is, however, subject to a variety of factors which are beyond our control. We ask for understanding that claims can’t be based upon them.**