# BöttcherTop 7600 Twin

The Alternative for shaftless newspaper webs, in 4-high and/or satellite configuration

<table>
<thead>
<tr>
<th>Presses</th>
<th>Newspaper webs</th>
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</thead>
<tbody>
<tr>
<td>Packing height</td>
<td>Conform to OEM recommendations</td>
</tr>
<tr>
<td>Substrates</td>
<td>Newsprint</td>
</tr>
<tr>
<td>Inks</td>
<td>Conventional and vegetable oil-based</td>
</tr>
<tr>
<td>Wash-up solvents</td>
<td>Conventional, low VOC, VOC-free</td>
</tr>
</tbody>
</table>

**Application**

- Hydrophilic and micro-ground printing surface, controlled roughness: 1.4 - 1.7 μm
  - Crisp halftones, full dots, dense and well-spread solids
  - Reduced linting and ink piling resulting from optimum water distribution
  - Extended cleaning intervals
  - Minimum plate abrasion/wear

- No fabric between printing surface and first compressible layer
  - Neutral/slightly negative web feed
  - Balanced power take up on single drive/shaftless presses
  - No surface rubber delamination
  - No break at the cylinder gap
  - Handles thickness variations in newsprint with ease

- Two compressible layers
  - Excellent resistance to excess-pressure (wrap-arounds, web changes, 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 of compressible layers: Microspheres (1st) / pressurized voids (2nd)
  - Reduced gauge loss, no need for re-packing
  - Reduced piling on blanket surface

- 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
  - Blankets and plates stay clean longer
  - No gapping (paper creasing)
### Construction

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

### Surface

**Colour:** Blue  
**Finish:** ground and polished  
**Roughness (Ra):** 1.4 – 1.7 μm  
**Micro-hardness:** 62° Shore A

### Physical properties

- **Overall hardness:** 79° Shore A  
- **Tensile strength:** > 3750 N/50 mm  
- **Elongation at 500 N/50 mm:** < 1%  
- **Gauge loss at tensioning and running in:** < 2%

### Gauge

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

### Physical properties

- **Indentation at 100 N/cm²:** 0.15 mm (7.7 %)  
- **Indentation at 200 N/cm²:** 0.25 mm (12.8 %)  
- **Feed characteristics:** neutral/slightly negative

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