




















# BöttcherTop 7500 *Twin*

The alternative for fast running heatset webs in all widths

→ Presses	Heatset webs
→ Packing height	Conform to OEM recommendations
→ Substrates	Paper (coated, uncoated, LWC)
→ Inks	Conventional and vegetable oil based
→ Wash-up solvents	Conventional and vegetable oil-based

*Application*

→ Micro-ground and polished printing surface, controlled roughness 0.7 - 1.0 µm	<ul style="list-style-type: none"> <li> Well balanced halftone and solid quality</li> <li> Optimum ink coverage on all substrates (coated, uncoated, LWC)</li> <li> Quick release of all substrates</li> </ul>
→ Hydrophilic surface rubber developed for IPA reduced and IPA free printing	<ul style="list-style-type: none"> <li> Reduced paper dust and ink piling</li> <li> Extended cleaning intervals</li> <li> Minimizes mechanical ghosting / negative print-through on coated and LWC papers</li> </ul>
→ No fabric between printing surface and first compressible layer	<ul style="list-style-type: none"> <li> Neutral web feed</li> <li> Minimizes dot gain difference between upper and lower side of web</li> <li> No surface rubber delamination</li> <li> No sinking at the gap, maximum print length</li> </ul>
→ Two compressible layers	<ul style="list-style-type: none"> <li> Excellent resistance to excess-pressure (wrap-arounds, etc.)</li> <li> Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear</li> <li> Low tendency for heat-built-up (great stability of the ink/water balance, no surface rubber delamination)</li> </ul>
→ Two technologies: Microspheres (1st) /pressurized voids(2nd)	<ul style="list-style-type: none"> <li> Low energy loss in time, extended service life</li> <li> Instant recovery after every nip</li> </ul>
→ High stability carcass manufactured from pre-stretched and multi-calendered fabrics	<ul style="list-style-type: none"> <li> Minimum residual elongation</li> <li> High dimensional and register stability</li> <li> Controlled gauge loss</li> <li> Consistent web feed</li> </ul>

*Features / Benefits*

## Construction

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

## Physical properties

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

## Gauge

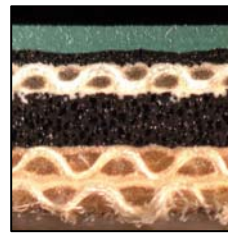
Nominal gauge: 1.96 mm( +/-0.02 mm)  
 Gauge uniformity per Blanket of max. 1 m<sup>2</sup>: +/- 0.015 mm

## Surface

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

## Physical properties

Indentation at 100N/cm<sup>2</sup>: 0.15 mm (7.7 %)  
 Indentation at 200N/cm<sup>2</sup>: 0.25 mm (12.8 %)  
 Feed characteristics: neutral



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