BöttcherTop 7300 Twin

The alternative for fast running heatset webs in all widths (and single-width coldset webs)

**Presses**
Heatset webs and single-width coldset webs

**Packing height**
Conform to OEM recommendations

**Substrates**
Paper (coated, uncoated, LWC)

**Inks**
Conventional and vegetable oil-based, hybrid/UV (conditional)

**Wash-up solvents**
Conventional and vegetable oil-based, hybrid/UV (conditional)

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**Features / Benefits**

- **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
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%

Surface

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

Physical properties

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

Gauge

Nominal gauge: 1.70 mm (+/-0.02 mm)
Gauge uniformity per Blanket of max. 1 m²: +/- 0.015 mm

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