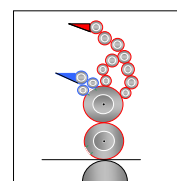


# BöttcherTop 7600

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

- |                    |                                       |
|--------------------|---------------------------------------|
| → Presses          | Newspaper webs                        |
| → Packing height   | Conform to OEM recommendations        |
| → Substrates       | Newsprint                             |
| → Inks             | Conventional and vegetable oil-based, |
| → Wash-up solvents | Conventional, low VOC, VOC-free       |



**Application**

## Features

- Hydrophilic and micro-ground printing surface, controlled roughness 1.4 - 1.7µm
- No fabric between printing surface and first compressible layer
- Two compressible layers
- Two technologies of compressible layers: Microspheres (1st)/pressurized voids (2nd)
- High stability carcass manufactured from pre-stretched and multi-calendered fabrics

## Benefits

- ⊕ 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
- ⊕ 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
- ⊕ 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)
- ⊕ Low energy loss in time, extended service life
- ⊕ Instant recovery after every nip
- ⊕ Minimum residual elongation
- ⊕ High dimensional and register stability
- ⊕ Controlled gauge loss
- ⊕ Consistent web feed
- ⊕ Blankets and plates stay clean longer
- ⊕ No gapping (paper creasing)



**Features and Benefits**

## Construction

- ⊕ Fabric plies 3
- ⊕ Compressible layer Microspheres + pressurized voids
- ⊕ Identification lines None

## Surface

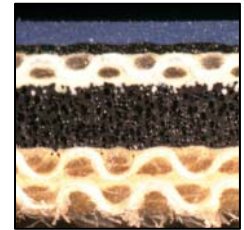
- ⊕ Colour Blue
- ⊕ Finish Ground and polished
- ⊕ Roughness(Ra) 1.4-1.7µm
- ⊕ Micro-hardness 62° Shore A

## Physical Properties

- ⊕ Overall hardness 79° Shore A
- ⊕ Tensile strength >3750N/50mm
- ⊕ Elongation at 500N/50mm <1%
- ⊕ Gauge loss at tensioning and running in <2%
- ⊕ Indentation at 100N/cm<sup>2</sup> 0.15mm ( 7.7%)
- ⊕ Indentation at 200N/cm<sup>2</sup> 0.25mm (12.8%)
- ⊕ Feed characteristics Neutral/slightly negative

## Gauge

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



## Technical Data

All our product information's you will find in the internet on [www.boettcher-systems.com](http://www.boettcher-systems.com). On our homepage you will also experience why Felix Böttcher is one of the **leading system-suppliers of printing rollers, printing chemistry, printing blankets and coating plates.**

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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 your understanding that claims can't be based upon them.