

OPEN WIDTH SQUEEZING PADDER FLEXO

Squeezing padder used after the dyeing and washing process.



OPEN WIDTH SQUEEZING PADDER FLEXO

Machine for opening the woven and tubular knit fabrics, designed for work in automatic way at high speed operation.

APPLICATION AND USE OF THE FLEXO TECHNOLOGY

The high efficiency of **FLEXO** technology ensures a continuous **Bending Compensation** which means a **specific squeezing nip for every fabric**. Thanks to this **varying linear pressures**, the application of the bath over the entire fabric width is easily adjustable and reproducible.

FLEXO CYLINDER IS HIGHLY INDICATED FOR:

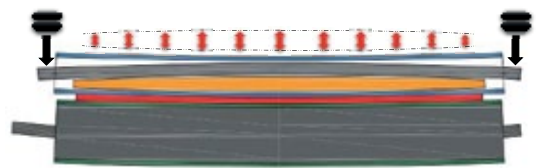
- 1 High squeezing (Flexo on top)
- 2 Impregnation
- 3 Finishing
- 4 Digital preparation
- 5 Pigment dyeing

Continuous bending compensation

Means a specific pressure profile for each fabric, using controlled linear pressures



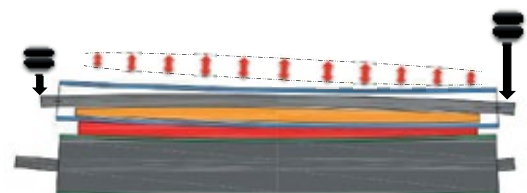
SCHEME OF CYLINDER HEADS



Linear pneumatic Torpress and hydraulic pressure increased in the center



Linear pneumatic pressure Torpress and hydraulic pressure reduced in the center



Pneumatic pressure increased on one side Torpress and hydraulic pressure increased in the center

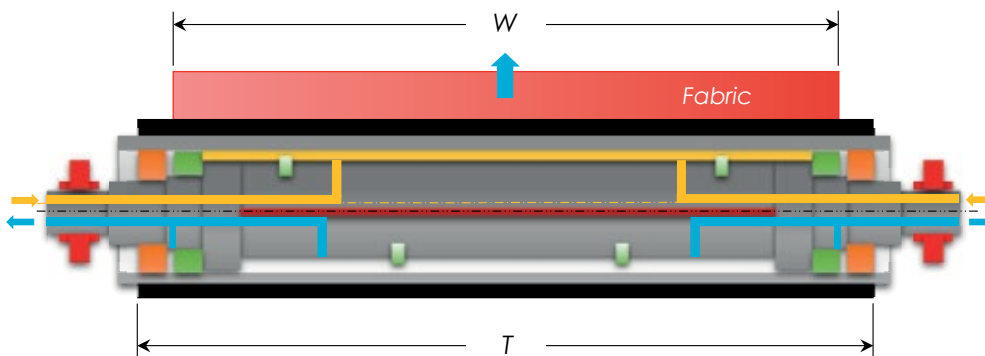


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FLEXO CYLINDER DIMENSIONS



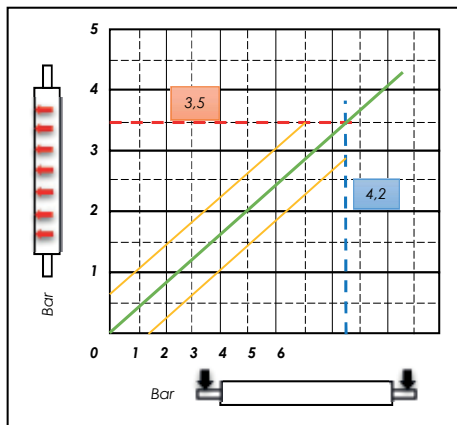
MINOR TABLE

Table (mm) T	2000	2200	2400	2600
Width (mm) W	1800	2000	2200	2400

MAJOR TABLE

Table (mm) T	2800	3000	3200	3400	3600	3800
Width (mm) W	2600	2800	3000	3200	3400	3600

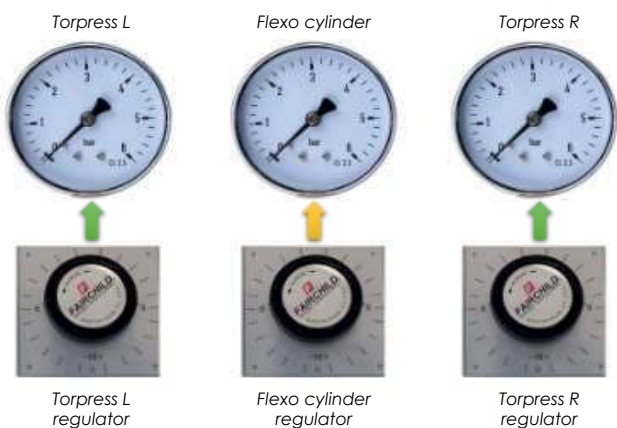
SQUEEZING PRESSURE ADJUSTMENT



Torpress open (L and R)



Flexo cylinder head picture



Flexo cylinder and Torpress pressures diagram (in Bar)



Bianco® Flexo squeezing and impregnation padder front / hydraulics view



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TECHNICAL LAYOUT

