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**Küsters DyePad Basic for
Dyeing.**

Küsterns DyePad Basic

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Küsterns DyePad Basic

Küsterns' Swimming Roll is patented since 1956. Ever since, the padder with the Küsterns Roll is a reliable partner of the textile industry. With the basic edition of this classic Benninger offers their customers clear and simple operator guidance with the proved S-Roll technology.

Versatility of the Küsterns S-Roll

The Küsterns DyePad Basic (222.13) with its deflection-controlled S-Roll technology dyes a wide range of articles in reproducible and premium quality. Through the various adjustments of the two S-Rolls the dyer receives a high flexibility.

Different fabric design, absorbency tension, weft distortion and humidity need a high variety of all possible settings of the liquor application.

Küsterns Padders correspond in construction and creation to all practical requirements and application possibilities in the modern process technology. Different feeding systems, roller coverings, trough shapes and a wide range of expanders allow the treatment of all kind of fabrics.

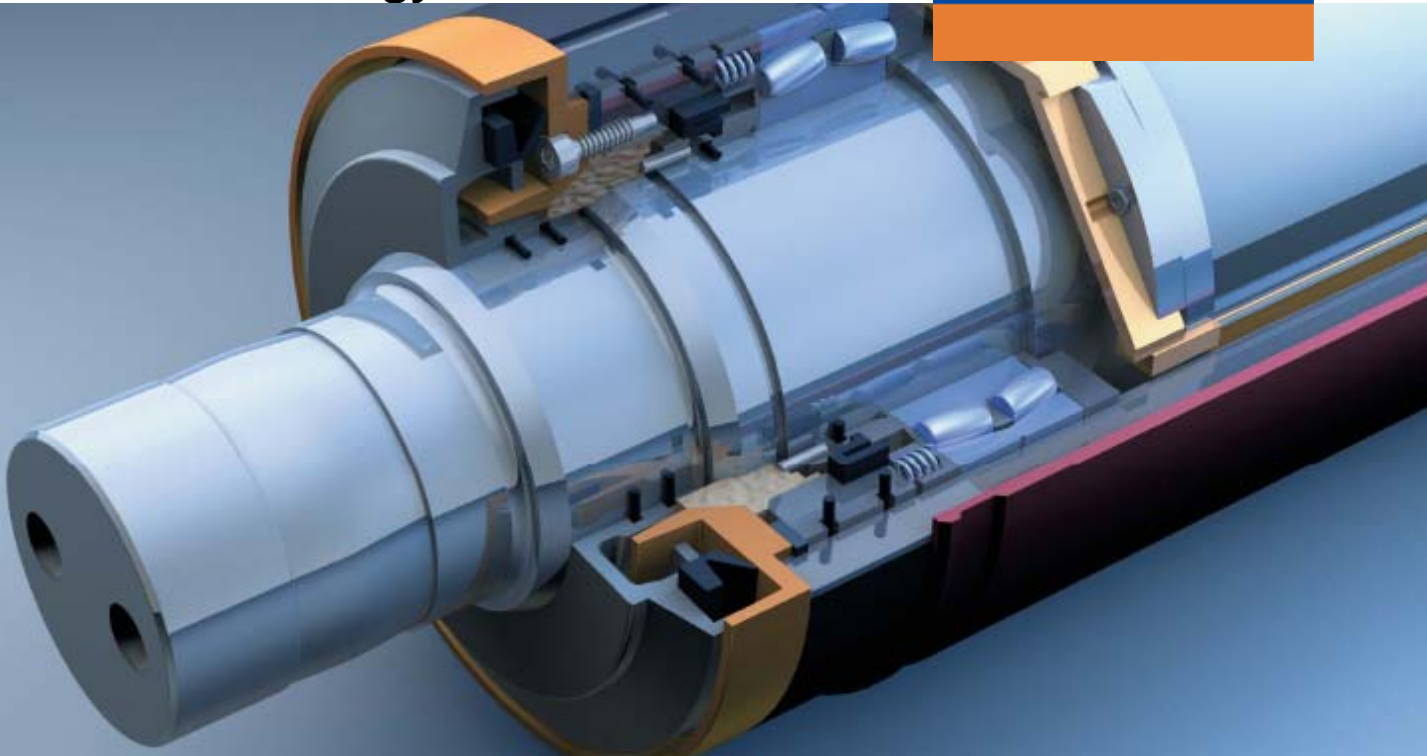
The system at a glance

- The right concept for every kind of fabric by appropriate roller coverings, trough designs and expanding devices.
- Uniform linear liquor application by two deflection-controlled rollers throughout the entire batch.
- No cambering of the squeezing rollers.
- Uniform squeezing pressure over the entire working width independent of fabric width (no selvedge pressure).
- No side-to-center shading, due to smooth treatment of the selvedges.
- Simple operation and control due to clear design.

Advantages

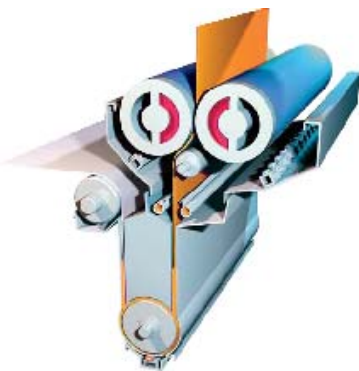
- Uniform liquor application over the whole fabric width.
- Different liquor application in the range of „side-center-side“ zone is possible.
- Attractive price.
- Easily operation.
- Reliable and economical padder.

S-Roll technology



S-Roll

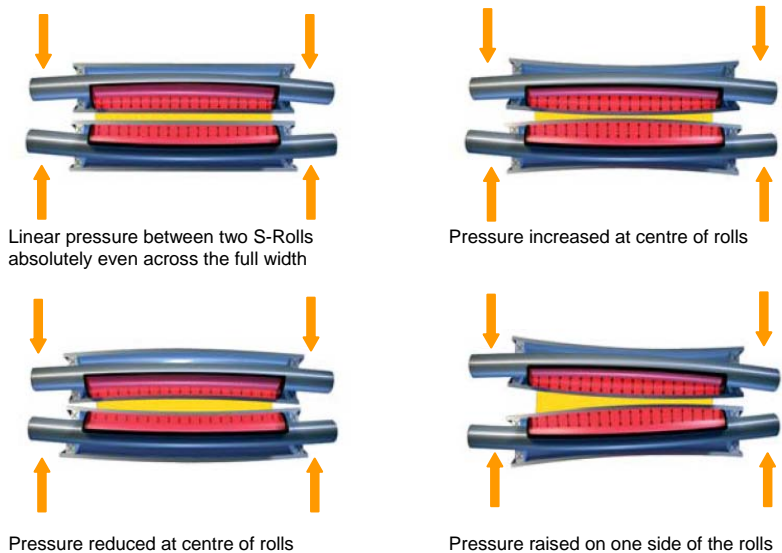
The deflection-controlled roll from Küsters is not only known as “Swimming Roll”. Partly it is known just as „Küsters Roll“ or "S-Roll". The unique hydraulic system allows high-quality, reproducible results with a very big area of application.



3D cut padder 222.13

Deflection-controlled roll

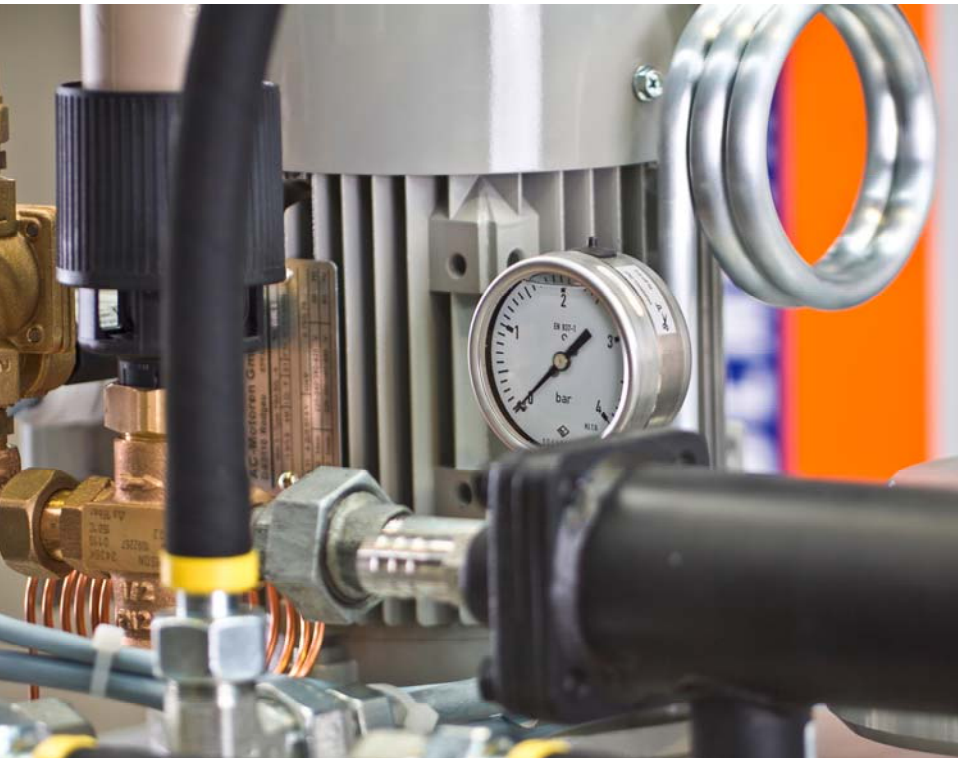
Küsters Padders are equipped with the well-known “Swimming Roll” (S-Roll) Küsters technology. With controlled linear pressure the deflection-controlled rolls achieve a specific squeezing nip for every need.



Technical data	222.13	222.19
Number of S-Rolls	2	2
Working width (mm)	1600-2600	2400-3600
Diameter of S-Rolls (mm)	220	300
Max. linear pressure (N/mm)	15-50	12-50

Alternatives and Accessories

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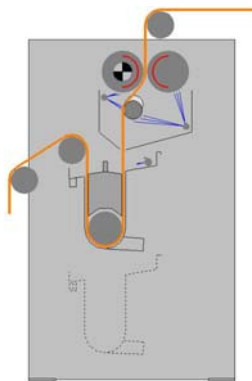


Küsters DyePad Basic: detail view

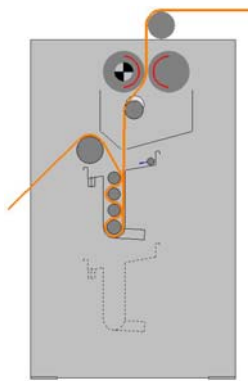


Control cabinet

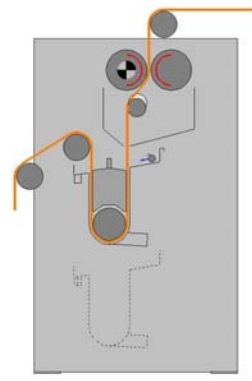
Appropriate in price, sophisticated in equipment: Alternatives and accessories for the Küsters DyePad Basic



Fabric guiding with displacer



Fabric guiding with underliquor squeezer



Fabric guiding for nip dyeing

Trough shapes

Special displacement elements and underliquor squeezers permit low liquor contents and accordingly fast liquor exchange. This also prevents any undesired changes in the concentration. Furthermore the low liquor content has a positive effect on the exchange of liquor with minimum dyestuff and chemical loss. All troughs can be raised and lowered pneumatically.

Roller adjustment

The application determines the roller covering, the trough shape and the expander unit. The new Küsters DyePad Basic offers flexibility through the possibility of adjusting the roller position manually. As a universal core unit, the Küsters DyePad Basic is able to meet all textile challenges.

Accessories

Beside the reliable and high-quality standard equipment the "Basic" also offers an extensive range of accessories: The spectrum of the practically oriented additional options reaches from the trough cooling up to the high speed cleaning action and hardly leaves any wish open.

Please call us, our Sales Managers are happy to advise you:

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