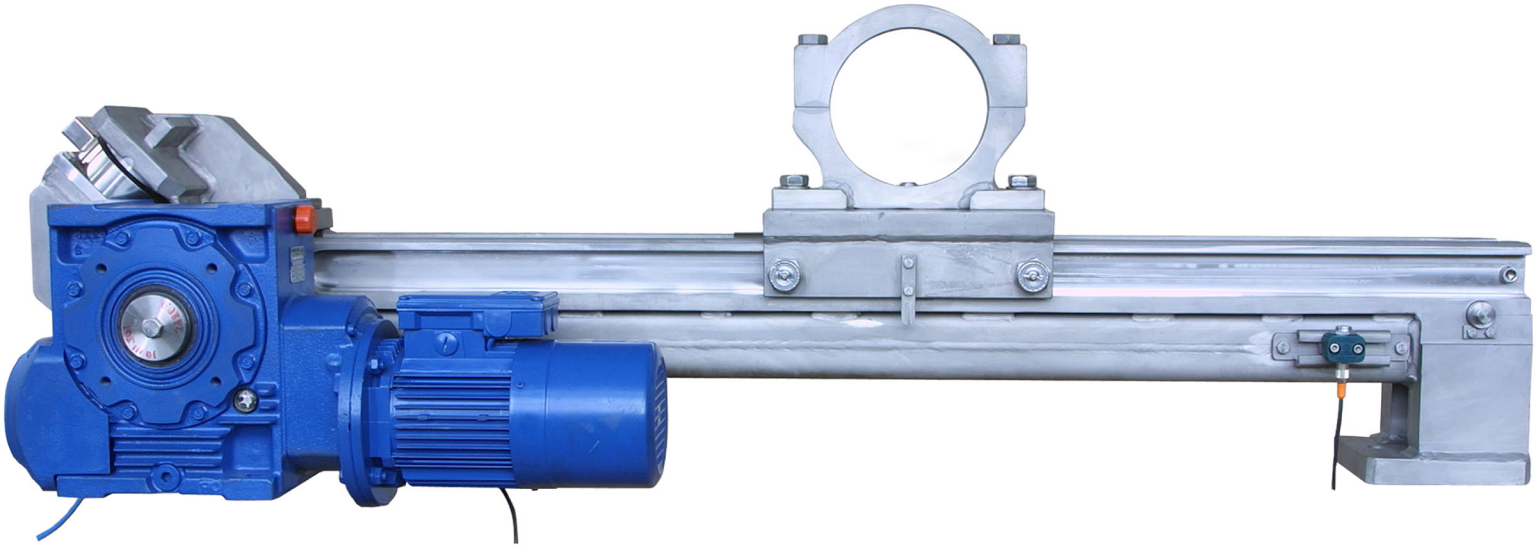

STRETCHERS TC SERIES

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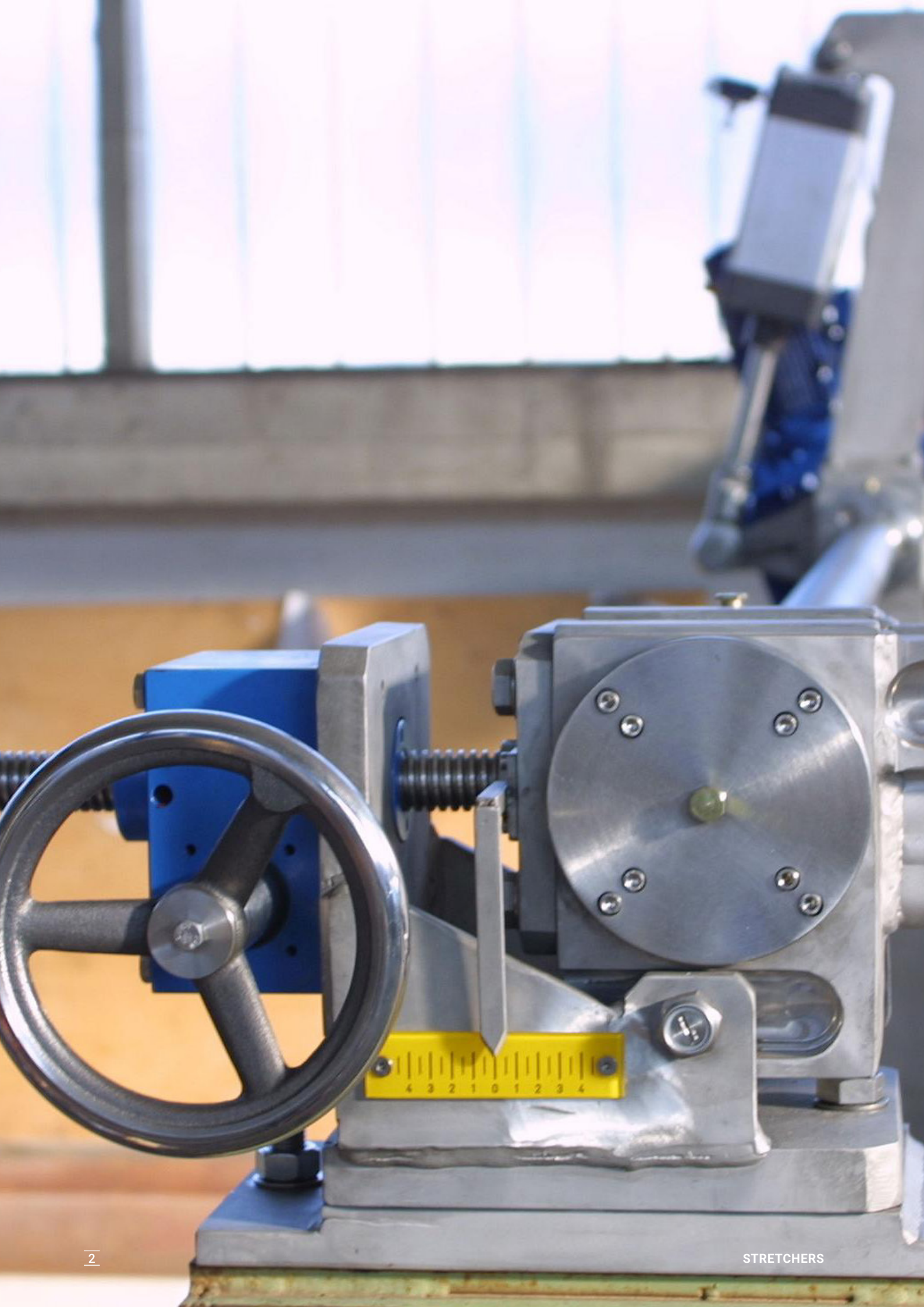
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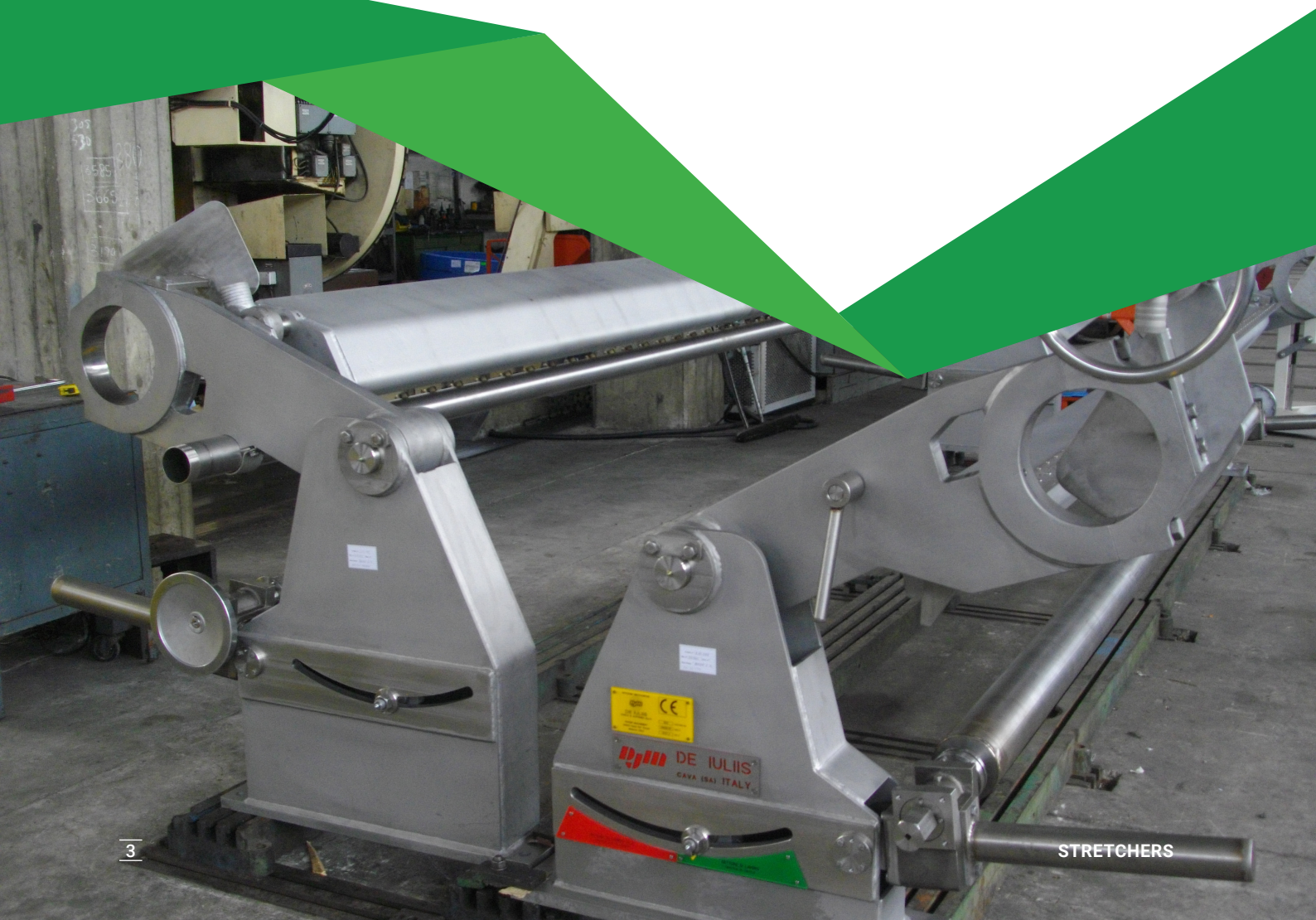
TC Series

The Stretchers and Stretch-compensators of the TC series, are designed to be used in all sections of the paper machine when it is necessary to check felt/wire tension, within the values set up by the operator. Furthermore, the stretch-compensators allow the control of the felt/wire line through the misalignment of the stretching roll which allows for the compensation of the felt / wire length differences in cross direction.

The TC series has been designed with the aim of optimizing the production process.
Each single stretcher and/or stretch-compensator is studied and positioned in order to maximize the efficiency of the system.

The main fundamental parameters, in order to ensure precise and quick adjustment have been taken into consideration:

The position of application in the paper machine
The choice of the best material
The necessary precision of control / adjustment
The width of the paper machine



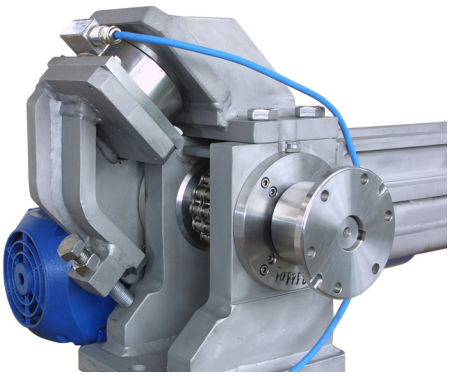
Material

- stainless steel
- carbon steel

Both machines can be manually or automatically operated.

The automatic tension control for felt / wire, depending on the precision needed and the paper machine section, can be both:

electronic (with a load cell)
pneumatic (torpress or pneumatic cylinders),



The electronic stretch-compensators of TC series have the following advantages:
- Less steam consumption in the dry-end.
- Fewer paper breaks.

Better conditions for tail passage:
- Longer life for felt / wire.
- Longer life for bearing.
- Better paper quality.

The felt / wire line adjustment in the TC stretch-compensators is carried out by a screw-jack which limits the adjustment field of the roll and at the same time measures its misalignment. This adjustment can be manual or motorized and the measure of misalignment can be visual or remote-controlled for the sections of machine which are less accessible.