

INNOVATION

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# ORTHOPAC® CRVMC-12

The Specialist for Carpets  
and Technical Textiles



ORTHOPAC® CRVMC-12

bluesign® SYSTEM PARTNER



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# ORTHOPAC® CRVMC-12



TEXTILE



NONWOVENS



PAPER

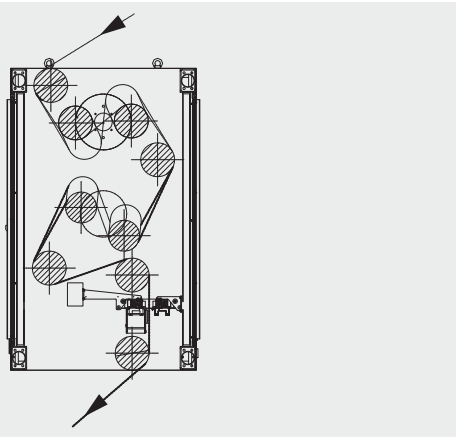


PLASTIC

The Specialist for Carpets and Technical Textiles



The visualisation shows the straightening quality at a glance.



The product flow of the ORTHOPAC CRVMC.



The carpet straightening system stands up to the tough everyday industrial demands.

The ORTHOPAC CRVMC is especially designed for high mechanical load. Thanks to reinforced components, it is ideal for processing very heavyweight and wide materials. The arc of contact of the straightening rollers thereby depends on the desired straightening effect. With products without skews and bows, the straightening rollers are not enveloped unnecessarily. When the straightening rollers engage with the product, the uniform contact of the straightening rollers with the product is ensured over the entire width. This becomes possible through our innovative and unique roller positioning drive.

## Applications

Distortions impair a product's visual features and / or practical value, both of which are of particular significance in the case of decorative or industrial materials. The ORTHOPAC CRVMC straightening unit is used wherever very high product tensions and / or large widths are to be expected.

Due to the pattern application for carpeting between rolls, a high degree of freedom from distortion is required. If the tight tolerance requirements are not met, the result is either costly claims or debarred access to a more lucrative market segment.

## Principle of operation

An ORTHOPAC CRVMC is especially designed for high mechanical loads. In particular, the specially reinforced drive unit for roller positioning ensures perfect straightening even under the highest product tension loads. The system also features a solid, reinforced frame design, reinforced roller bearings as well as larger diameters of bow and skew rollers scanner unit. Electronics, display and operating station, etc. correspond to the design of the ORTHOPAC RVMC; all scanner heads are adjustable.

The system can process very low (carpet) but also very high product speeds up to 100 m/min (technical wovens). It is also available as manual unit. It can subsequently be retrofitted with a scanner (normal or hybrid) or a PATCONTROL PCS pattern detection without problems.

## Customer benefits

- ✓ Maintaining tight distortion tolerances
- ✓ Avoiding complaints
- ✓ Improved customer relationship
- ✓ High repeatability
- ✓ Short amortisation times
- ✓ Documentation of residual distortion

## Product-highlights

- ✓ Reinforced construction; large roller diameter
- ✓ Suitable for tensional forces of up to 3 kN
- ✓ Working widths up to 5500 mm possible
- ✓ User-friendly, easy-access design
- ✓ Optimised product contents
- ✓ Innovative roller positioning drive

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