



Fabric Relaxing Machine - Air Assisted Relaxing

With integrated edge alignment,
width measurement and length control
Working width: **72" / 83" / 92"**

CRX Air Relaxing Series

The **CRX Air Relaxing Series** is designed to stabilize and relax fabrics prior to further processing. By combining controlled air flow with precise fabric handling and edge alignment, the machine reduces fabric tension and improves dimensional stability before cutting or sewing operations.

During operation the fabric passes through an air-assisted relaxing section where controlled airflow allows the material to recover from tensions created in earlier production steps such as knitting, dyeing or winding. This process helps restore the natural structure of the fabric and reduces the risk of distortion during subsequent production stages.

The machine offers adjustable processing speed and individually controlled airflow, allowing the relaxing process to be optimized for different fabric types and weights. Integrated edge alignment ensures accurate fabric guiding throughout the process, while the electronic measuring system enables precise length control and automatic stop at preset values. The system is suitable for both knitted and woven fabrics including cotton, linen, wool, silk and synthetic materials.



Key Advantages

- Efficient air-assisted fabric relaxing prior to cutting or sewing
- Improved dimensional stability and reduced fabric tension
- Integrated edge alignment for consistent fabric guiding
- Accurate length control with automatic stop function

Main Features

- Air assisted fabric relaxing system
- Adjustable relaxing intensity via controlled airflow
- Stepless speed control through frequency inverter
- Integrated edge alignment system
- Processing in forward or reverse direction
- Expanding shafts for secure roll handling
- Dual independent air blowing zones
- PLC control with user-friendly interface
- Electronic fabric length measurement
- Automatic stop at preset length
- Production data export via USB
- Optional production data printing
- Automatic stop at end of fabric roll
- Automatic fabric width measurement

Technical Data CRX Air Relaxing Series

Working width	72" / 83" / 92"
Processing speed	0 – 40 m/min
Maximum roll diameter	400 mm
Power consumption	1.5 kw
Power supply	220 V / 50 Hz
Machine dimensions (L x W x H)	72" – 2150 x 2430 x 1525 mm
	83" – 2150 x 2680 x 1525 mm
	92" – 2150 x 2880 x 1525 mm