

KL 220-L

**Cross-Sewing Unit
for light conveyor
belt and tirecord**

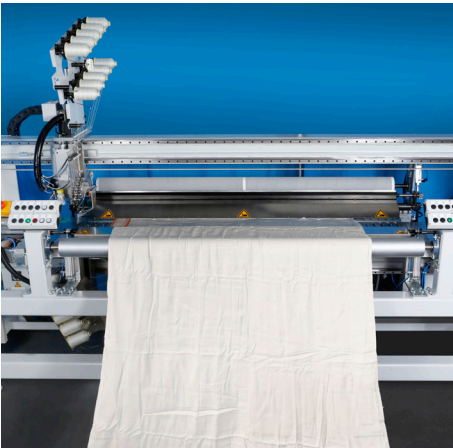
KL 220-L

For straight sewing-together of light conveyorbelt and tirecord



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Cross-Sewing Unit for light conveyor belt and tirecord



Application:

- Designed for processing of light weight material with special design of material mounting/fixing according to the supplied sample (dipped liner with 2 layers, approx. 6000 dtex per layer with tappie)

Features

- steel bridge design for take-up of the cross-sewing head
- linear-guiding systems with toothed belt-drive for cross travel of the mechanically separated cross-sewing head
- separating device for the chain threads (hot-cutting device)
- liftable cross-sewing head with 10-needle-double chainstitch tools and needle transport
- multiple foot transport
- needle margin: 6/6/6/6/6/6/6/6/6 mm
- mechanically separated, electronically synchronized needle- and hook drive by servo motors
- sewing drive electronically synchronized with cross transport during the sewing process
- max. sewing speed: 1.800 spm depending on the material thickness and the amount of needles
- adjustable stitch length: 4 - 10 mm
- electronic thread flow monitoring of all chainthreads during the sewing process
- max. cross sewing width: 2.000 mm
- liftable material clamp at the right side of the cross sewing head to fix the material during the cross sewing process in the same length of the two lifting devices
- needle bars at the left and right of the sewing head to fix and stretch the material during the cross sewing process, length of the needles 33 mm
- material lifter to lift the material out of the two needle bars with closed long holes
- machine control with SPS S 7
- sensor for material beginning and end recognition
- min. material width: 650 mm max material width: 1800 mm

