KL 220-L
Cross-Sewing Unit for Transport Belt and Tirecord

KL 220-L
For straight sewing-together of transportbelt and tirecord
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Cross-Sewing
Unit for Transport
Belt and Tirecord

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- or 12-needle-double chainstitch tools and needle transport
- Multiple foot transport
- Needle margins: 6/6/6/6/6/6/6 mm or 5/5/5/5/5/5/5/5/5/5/5 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: 2,500 spm depending on the material thickness and the amount of needles
- Adjustable stitch length: 4 - 10 mm
- Electronical 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

Application:

- Designed for processing of light and medium 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)