KL 950
Multi-Needle Sewing Unit

Straight sewing of technical textiles
Manufacturing system in modular design for straight sewing of single cuts or roll material with multiple sewing tools in one process
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Features
- Modular design
- Needle margin (basic equipment) from the left to the right needle: 600 mm
- To be upgraded in steps of 600 mm to a needle distance of approx. 7200 mm
- Stitch type: double chain stitch with monitoring of needle- / bobbin thread
- Needle margin: min. 6 mm or upon customer request
- Stitch length up to 8 mm for continuous operation with needle transport
- Stitch densification at beginning and end of the seam free programmable
- In high-stroke design for processing of extremely thick material (intermittent operation)
- Number of needles: upon customer request
- SPS control with touch panel and recipe management, operator panel programmable in the corresponding language
- Individual design of the seam pattern by simple replacing of the sewing tools
- Processing of single cuts or roll material as well as use of prefabricated material, e.g. from the roll
- Processing of coated material and multiple layer material

Additional Equipment
- Integrated template guiding for highest loading accuracy and material guiding
- Sewing-under of tapes (endless or with positioning of beginning and end of the tape)
- Sewing-under of OKE-strips or similar
- Automatic loading of cuts and stacking of processed parts respectively further transport
- Integration into existing manufacturing systems
- Length- and cross cutting unit can be integrated
- Purveyors to control the thread tension during the sewing process

Application
- Besides seat manufacture in the automotive industry and home furniture industry also for straight sewing at filters, insulation material, battery separators and numerous other fields of processing technical textiles. With servomotori-cal, synchronized drives for highest demands on quality. High productivity and operational safety with marginal maintenance efforts.