



Schunk Ultrasonic Welding Systems LS-60

LS-60

Schunk Ultrasonic Welding Systems



The ultrasonic welding system LS-60 is an economical and extremely robust production system for welding copper splices. Its 4kW-generator enables the processing of splices with cross-sections between 10 and 60 mm². Under certain conditions, it is even possible to weld cross-sections that are larger than 60 mm².

The LS-60 is designed as a tabletop machine and can be supplied with a table in sitting or standing version.

The large and easily observable working area makes it easy to quickly and precisely insert all wires throughout the entire cross-section range. The anti-side splice kit ensures their optimal alignment in the working area.

The short cycle time, especially for sequence welding, is a major characteristic of the LS-60.

The patented dynamic process control enables an adjustment of all relevant process parameters within given tolerance ranges, thereby ensuring an excellent quality standard and high process security.

Controller, high frequency generator and the industrial PC are integrated in a 19"-housing.

Of course, the ultrasonic welding system LS-60 is equipped with our proven visualization software SUTWIN. We continuously improve this software, e. g. in terms of process statistics, thereby increasing its efficiency and the operating comfort.

- ❖ **Robust table machine with optimized cycle times for wire cross-sections between 10 – 60 mm²**
- ❖ **Process-secure insertion of the wires**
- ❖ **Intelligent two-stage cooling system**
- ❖ **Short tooling set-up times due to new tooling concept**

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