



Schunk Ultrasonic Welding Systems GLOBAL-Splicer-50

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The ultrasonic welding system GLOBAL-Splicer-50 is an economic production unit for welding copper splices within the cross-section range from 0.5 to 50 mm².

The compact design of the welding module offers various application possibilities. The system is also optimally suited for operation in "at line" production.

The considerably enlarged and clearly visible compaction area facilitates an easy and quick insertion of splices throughout the entire cross-section range. Welding in sequences with very short automatic tool cycle time is possible.

Controller, high frequency generator and industrial PC are mounted in a 19"-rack. The patented dynamical

process control enables a regulation within set tolerance ranges which guarantees a high quality standard of the welded joints and a high process security.

The welding module of this machine generation is equipped with an ID-Chip which stores all module-specific data. These data are automatically configured by means of system tuning. Therefore, the exchange of a module within a machine or of an entire machine within the network can be done without disadvantages to the joining quality.

Of course, also this ultrasonic welding system is equipped with our proven visualization software SUTWIN.

Through consequent research and development efforts, e. g. in the field of process statistics we steadily increase efficiency and operation comfort of the software.

❖ **Sturdy welding system with optimized cycle times for splice cross-sections of 0.5 to 50 mm²**

❖ **ID-Chip for storing module-specific data**

❖ **Servo-motor-controlled compaction area with digital height measuring system**

❖ **Self-calibration after tool exchange**

❖ **Short adjustment times due to new tooling concept**

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