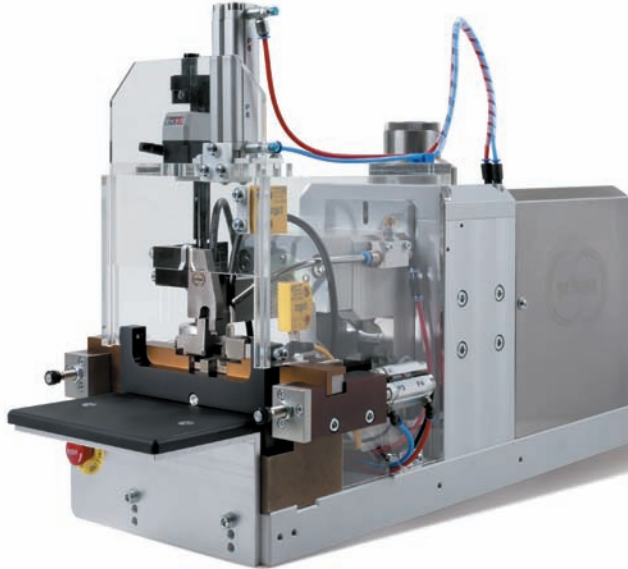


# Schunk Ultrasonic Welding Systems DS-20

# DS-20

## Schunk Ultrasonic Welding Systems



The ultrasonic welding system DS-20 is the universal production machine for joining nonferrous metals. The modular set-up design allows an application-specific adapting of the system through modification of the welding apparatus.

Consequently, the widest range of applications can be carried out with

this system. Even special solutions, such as the crimping of the strain relief on ground terminals, are easily possible directly subsequent to welding.

In addition, the compact design offers numerous usage possibilities. The system can, among other things be set up as a table unit or as a component of a special purpose set-up.

Its modular unit design makes the DS-20 a true allround welder, which can be employed for nearly any ultrasonic welding application.

The control unit, a high-frequency generator and an industrial PC are mounted in a 19" control rack. The integrated dynamic process control makes possible a governing within given tolerance ranges. As such, a high standard of welding quality as well as process safety are guaranteed.

All relevant process data and parameters are displayed to the user in his/her own native language through the visualization software. More than sixteen languages are currently available to choose from.

❖ **Adaptation to Different Welding Applications**

❖ **Ultrasonic Welding and Crimping All in One**

❖ **Simultaneous Precompacting of up to Three Wire Ends**

❖ **Changeable Welding Device**

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