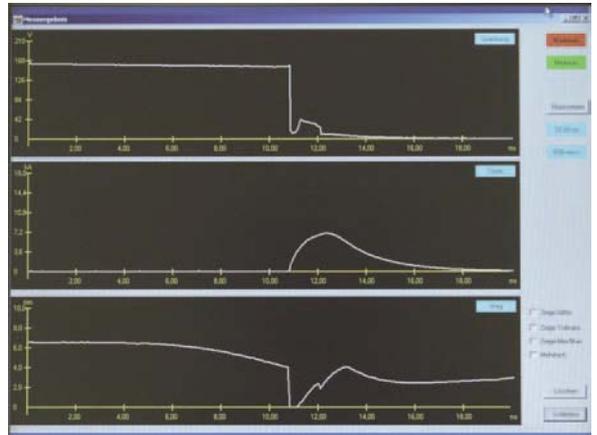


Product information
Capacitor discharge, drawn arc and
short-cycle drawn arc stud welding



MA-400 S Machine Control Unit



MA-400 S machine control unit

Description:

The MA-400 S machine control unit with graphical programming system allows the entry of all welding parameters for controlling the CNC coordinate-type tables via a data terminal. This simplifies the whole welding procedure making individual operation of the stud welders unnecessary.

The program software already in use is an in-house SOYER development and has proved very successful in practical application. The software offers numerous outstanding performance features for CNC controlled coordinate-type tables with servomotor drive and its current version has been considerably improved with regard to quality assurance measures.

All important measurable variables such as welding current, welding voltage, travel, time and speed are displayed, monitored and evaluated on the monitor of the MA-400 S machine control unit. For the first time it has become possible to record important mechanical motional sequences such as travel path in mm, drop time in milliseconds and positioning speed in mm/sec. and to integrate these into the total evaluation. The "mechanical sluggishness" of welding heads can be immediately recognized, thus ruling out faulty welds involving high reworking costs from the outset.