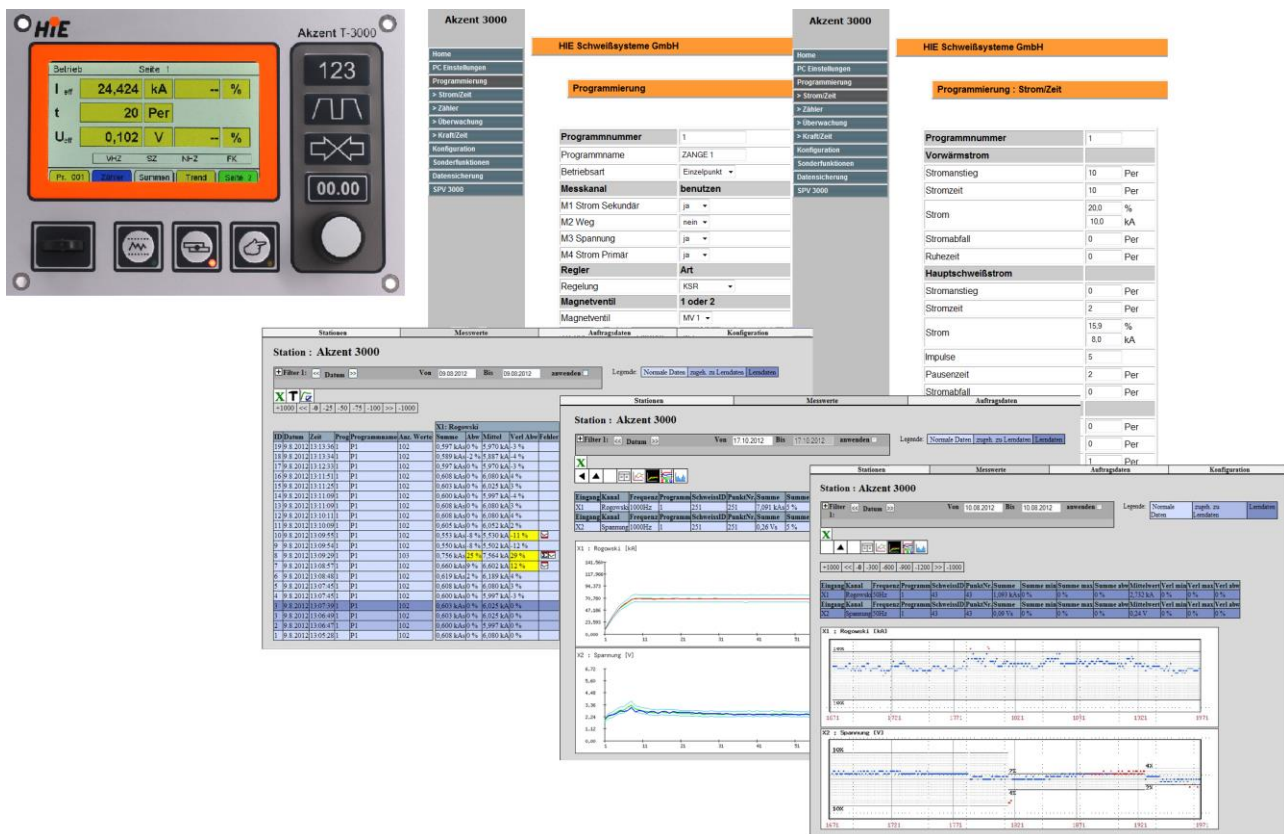


Refit your System!

Bring your resistance welding system up to the current state of the art.

Change to **Akzent 3000**



Your application

You have a resistance welding device (50/60Hz AC, 3-Phase DC, medium frequency or capacitor discharge)

- Spot welding
- Projection welding
- Special resistance welding equipment

Your situation

The welding system and machine control are in good condition. However, welding control is getting on in years. It no longer corresponds to the current state of the art. There are always failures. Repairs are piling up. Spare parts are hard to come by, if at all. Your customers require process monitoring and process documentation. This requirement cannot be implemented with the old control system.

Your requirements

The welding machine should continue to be used, but you want to replace the old welding control system with the latest technology.

- Renewal of the control module of the welding control
- Renewal of the power section (AC / DC / MF)
- Conversion from AC or DC to medium frequency
- Retrofit with QA functions
 - Constant current control
 - Adaptive process control
 - Limit and envelope monitoring
 - Processing of additional process parameters such as current, voltage, force, pressure and distance
 - Dynamic force specification
- Development of process data visualization and process data archiving
- Creation of secure remote access for operator support by external experts in case of need as well as remote service.

Our offer

We support you in the modernization of your welding control and the power electronic components of your resistance welding device with the following services:

- Is analysis
- Checking the conversion options
- Comparison of the cost for the alternatives available
- Creation of an appointment and budget framework as the basis for investment decision
- Support in defining the right size of the electrical power components
- Delivery of individual components, e.g. welding transformer, power section or welding control for self-assembly
- Planning and manufacture of complete control cabinets for welding control and power components
- Support in integrating the welding control into the higher-level system control
- Adjustment or creation of new electrical schemes
- Support with installation and configuration of the new system
- Calibration of the measuring sensors used for process control and monitoring
- Support of welding technicians in finding welding parameters
- Support in the application and adjustment of the quality assurance functions according to customer requirements
- Instruction and training of machine personnel
- Support during start-up under real production conditions

Whatever you are planning, we support you.