



# Innovative Special Features of the BMS-8N Stud Welder

The BMS-8N SOYER stud welder is a new high-quality product in the field of stud welding technology guaranteeing first-class welding results when being used with the PS-1K standard welding pistol. The BMS-8N stud welder is exemplary regarding quality, technology, design and safety.

Additional performance features of the BMS-8N stud welder are:

- ▶ Development and production fulfil all prescribed safety targets such as
  - the latest safety and accident prevention regulations (Act on the Safety of Technical Working Equipment)
  - electromagnetic compatibility (EMC Act)
  - European regulations (EU Directives on Machinery)
- ▶ GS/CE/S emblem for verified safety
- ▶ Certificate proof of mentioned safety targets
- ▶ Self-monitoring of all important functions
- ▶ Self-protection against overstress to guarantee a long service life
- ▶ Universally applicable for capacitor discharge stud welding
- ▶ Suitable for gap and contact welding
- ▶ Connection to stationary SK-1K SOYER stud welding head with pedestal device
- ▶ Simplest operation due to infinitely bidirectional regulation of charging voltage by means of keys. The charging voltage is stored automatically
- ▶ Short charging cycles to increase productivity
- ▶ New "charging control" (patent pending, Pat. No. 199 15 396.5) allowing very high welding sequences during continuous application
- ▶ Precise digital display of charging voltage
- ▶ Table indicating standard values for different stud diameters at the front panel
- ▶ Monitoring of all functions by clearly arranged display panel
- ▶ Mobile and stationary application in horizontal or vertical position
- ▶ High capacity reserves in borderline cases and in the case of difficult welding tasks
- ▶ Automatic mains voltage change-over from 115 VAC/ 230 VAC + 10% - 15 %
- ▶ Transportable with all accessories in the GK-2 SOYER case (optional equipment) owing to its ideal geometry and light-weight construction
- ▶ No negative impairment in case of mains voltage fluctuations
- ▶ New scratch- and abrasion-proof as well as dirt-resistant plastic film coating on the front panel to protect all inscriptions even after many years of use

SOYER quality products awarded the following prizes for



Production



Quality



Technology



Design



Quality Management



Environmental Management



Safety



EC Conformity