

MIDISPOT VISION AV

Fully automatic multifunction spot welding machine

For mobile & flexible use in the industrial sector

Small-batch production models, prototype constructions, pilot plants

It covers all resistance spot weldings of e.g. car bodies, particularly components made of high-strength steels as well as multiple sheet panel connections, coated and laminated steel panels - with quality statement regarding the welding process (welding result). No determination of parameters required.

The unique control technology enables also the welding of new materials without the requirement of further adjustments

All requirements performed by a single device:

- Current / time control (conventional constant current regulation),
Adjustments: single-parameter
- Energy control ELMA-QS: Bypass and partial isolation compensation, quality assurance system,
Adjustments: total sheet thickness, type of material
- VISION automatic:
furthermore to energy control automatic detection of material type and total sheet thickness
Adjustments: NONE - Just push the start-trigger!
- Single Sided Spotting*

*optional



MIDISPOT VISION AV
(with C-AV transformer gun)



PLUG & WELD

CHARACTERISTICS MIDISPOT VISION AV

- Individual customer solutions due to the modular system
- Compatible with all 10 kHz ELMA-Tech transformer guns
- Light weight spot welding guns (e. g. C-gun 10,5 kg)
- Quick coupling connection for pluggable cable hose packet (6 or 10* meter)
- High welding currents even with low fuse protection
- High output currents
- Digital control with quality assurance system and display
- Precise process regulation and energy control
- Bypass detection, reproducible welding quality
- Update-ability via USB-device
- Printout of the welding parameters via SpotQS Viewer Software*

* optional