

MULTISPOT MI-100control T

The MULTISPOT MI-100control T with transformer pliers MTX-4900 fulfills all car manufacturers and body shops demands concerning process reliability and efficiency. The upgradeable design assures the investment in the equipment.



Use: Spot welding of structural body damage. Specially designed for high- strength steels such as Boron, USIBOR, TRIP, TWIP, XIP.

Process Reliability: Intelligent control technology allows a spot weld quality that is comparable to the quality achieved during the production process of new vehicles.

Protection of the Investment: The modular nature of the system „MULTISPOT“ assures the investment in the equipment. Easy and quick tool change; new OEM welding programs can be added through software updates via compact flash card.

Efficient Spot Welding: The simple “MULTISPOT” operating concept requires only brief instructions and allows efficient operation of the equipment. The optional PC- software provides analytical capabilities i.e. to check the efficiency of the welding process.

MULTISPOT MI-100control T

Features:

- High Performance transformer pliers:
 - 25 % less weight,
 - 40 % less size
- High welding current of max. 14,000 A, using only a 32 A fuse
- High electrode pressure of 500 daN at 8 bar
- Impedance measurement for perfect welding results
- Automatic readjustment of welding parameters, uniform quality from the first spot weld to the last one.
- Automatic detection and compensation for interference factors such as dirt, adhesives or protective coatings.
- Easy- to- use operator panel.
- Car manufacturer's and custom welding programs can be stored.
- Software updates for new car models are possible
- Quality proof by logging important welding and order data
- Available PC software for documentation and analysis of the logged spot weld data.
- 5 m welding cable for increased reach
- Complies with BGV B11 and EU directive 2004/40/ EG

Scope of Supply:

- Mobile Power Unit
- X- Pliers MTX-4900 with Electrodes MX 01/190

Accessories:

- PC- Software (420 354)
- X- Electrodes, watercooled, for wheel arches 05 MX (419 673)
- X- Electrodes, watercooled, for profiles 02/06/415 MX (419 668)
- X- Electrodes, watercooled L = 415 mm 01/415 MX (419 667)
- X- Electrodes, watercooled L = 550 mm 01/550 MX (419 670)
- Electrode Caps R 25 (418 759)
- Additional Electrodes are available (please view catalogue)

Technical Data:

Power Unit:	400 V (380 – 415 V)
Power Supply	3 x 400 V (3 ph.)
Mains Connection Cable Ø / Length	6 mm ² / 10 m
Fuse	32 A slow blowing
Fuse at max. load	32 A slow blowing
Mains frequency	50/60 Hz
Mains supply power	20 kVA
Nominal power at 50 % ED	30 kVA
Open circuit voltage max.	16 V DC
Size of coolant tank	ca. 32 l
Ambient temperature	40 °C
Protective system	IP21
X- Pliers:	MTX-4900
Max. clamping force at 8/10 bar	500/600 daN
Welding current max.	14,000 A DC
Cable lenght	5,0 m
Pliers weight	9,9 kg
Total weight. without accessories	85 kg
Dimensions H/ B/ T mm	925/650/645

Approvals:

The following manufacturers have approved the MULTISPOT MI-100control T

Downloads:

- Product Information
 - CSA certificate
- Operating Manuals
 - MULTISPOT MI-100control T / Operating manual
 - MULTISPOT MI-100control T / Gebruikershandleiding

Available Models:

- MULTISPOT MI-100control T 3 x 400 V CE with MTX-4900 (520 472)
- **Available in the near future:** MULTISPOT MI-100control T 3 x 230 V CE with MTX-4900 (520 473)

Technical specifications are subject to change without notice.