

## 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:

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

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## Approvals:

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

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## Downloads:

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

## Available Models:

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- 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.

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