



Spot Welding Machine

Spot 14000 transformer pliers inverter with C Pliers

With low-energy technology for weak power supplies from 16 amps and up.

Art. No. 0691 500 340

Performance features

- Highest output with minimal energy consumption.
- - 9,000 A welding current with only 16 A power supply fuse
- 14,000 A welding current with 32 A power supply fuse
- No strong magnetic fields along the cable, despite the highest welding currents.
- 4 m cable between the control unit and pliers.
- Electrode force up to 450 daN with automatic pressure setting for different welding tasks via intelligent control.
- Simple, user-friendly operation via touchscreen.
- Settings can be made manually, automatically or based on manufacturer specifications.
- Fully-digital, intelligent control with extremely fast process data handling.
- USB interface for connection of storage media, e.g. for documentation and quality assurance.

Delivery scope

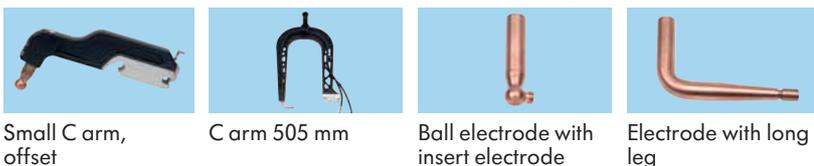
- Transformer pliers inverter
- Intelligent control with WELD TOUCH CONTROL.
- Pneumatic C pliers for arms up to a length of 635 mm, with integrated pressure sensor, cable length 4 m.
- Low-noise water cooling unit.
- Trolley with holder for arms and tool shelf.
- Short C arm (length 85 mm) with coolant connections.
- Outrigger with balancer and adjustable hanger for spot pliers.
- 8 m power cable with CEE 32 A plug.

Power connection	400 V 50 Hz
N° phases	3
Nominal rating 50% ED	17 kVA
Welding power 10% ED	38 kVA
Short-circuit secondary current	14 kA
Current at 100% ED	1.9 kA
Secondary voltage	6.3 V

slow-blow fuse	16 / 25 - 32 A
Cross-section of power cable for L = 15 m	6 mm ²
Heat class	F
Protection class	IP 21
Compressed air	8 bar
Net weight	130 kg
Dimension	66 x 92 x 130 cm

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2-arm set, water cooled, with electrodes for C pliers



Small C arm, offset

C arm 505 mm

Ball electrode with insert electrode

Electrode with long leg

Spare electrodes and caps for C pliers



Art. No. 0691 500 244
Round cap D 13

Art. No. 0691 500 248
Round cap D 16

Art. No. 0691 500 245
Insert electrode

Spare electrodes and accessories



Art. No. 0691 500 278
Ball electrode with insert electrode

Art. No. 0691 500 271
Ball electrode for small C arm

Art. No. 0691 500 277
Piston electrode 160 mm

Art. No. 0691 500 262
Eccentric cap

Further water cooled arms for C pliers



Art. No. 0691 500 249
C Arm 200 mm

Art. No. 0691 500 246
C Arm 355 mm

Art. No. 0691 500 247
C Arm 635 mm