

ELECTROFUSION WELDING MACHINE

Electrofusion welding machines are universal devices for joining pipes and fittings of thermoplastics (PE, PP, PVDF PB) by resistance welding using electrofusion fittings. Thanks to the automatic welding process, welding is easy and the connection is of high quality and reliability. The equipment is ideal for the construction of new networks and the repair or extension of existing networks. Dedicated to water supply units, municipalities and private companies that will encounter the largest diameters of PE pipelines.

SFT3000

Welding machine with welding parameters recoding system

TECHNICAL PARAMETERS

Approximate range of welded diameters	~Ø1200 mm
Power supply	AC 230 [V](+10/-15%), 50[Hz](+10%)
Max. fitting power	~5000 W
Weight	21 kg
Dimensions	270 x 270 x 330 mm
Welding voltage	8÷48V
Max. weldings current	100 A
Working temperature	-5/+50 °C
Interchangeable weldings adaptors	Ø4, Ø4,7 [mm]
Protection class	IP 54
Barcode scanner wire/wireless	Optional ✓/✓
Memory	3000 weldings
GPS registration (aerial)	Optional
Possibility of printing the protocol	✓
Suggested power generator	8 kW
Built-in rechargeable battery	✗
Possibility of data transmission on a memory stick	✓
Communication with PC	USB cable
Calibration reminder	✓
Automatic welding time compensation	✓
Traceability function	✓
LCD display (2x16)	✓
Available user language	PL, ENG, RU, GER, HU, FR, RO, NO, IT, RD, LT, ESP, CZ, SK
Possibility of manual programming	✓
Available data transmission ports	USB A, B, M12
Possibility of software update by the user	✓
Welding and power cables	4m/4m
Power plug	32A 2P+Z
Active fan cooling system	✓



ABOUT

The device supports fittings used in the plumbing and gas industry. It allows four programming modes: manual, scanner, barcode manual, as last. The welder's aluminium housing and built-in fan facilitate transformer cooling. A plywood transport box is included to protect against mechanical damage and to ensure convenient transport and storage of the machine. Simple and clear operation of the welding machine control programme. Possibility to connect a barcode scanner (optional accessory). The temperature measurement system of the transformer protects the welder from overheating.

OPTIONAL EQUIPMENT

- Hand scraper
- Barcode scanner
- Cleaning wipes for welded joints
- Pipe squeezer ZRRN-90 (Ø32÷90mm)
- Mounting clamps with joint (PUZN-90L, PUZN-160L)
- Pipe scissors (Ø16÷63mm)
- Pipe cutter (Ø6÷76mm)
- Pipe cutter (Ø50÷140mm)
- Pipe cutter (Ø110÷160mm)
- Pipe beveler (Ø16÷110mm)
- Pipe beveler (Ø32÷250mm)
- Mechanical scraper (Ø32÷160mm, Ø63÷400mm)
- Hydraulic pipe squeezer ZHRN-160 (Ø90÷160mm) SDR11 and SDR17
- Quick assembly shelter tent 3x3 [m]
- Power generator FOGO FH6001R with voltage stabilisation system

