

ROFUSE 400 / 1200 TURBO



The new universal electrofusion welding units from ROTHENBERGER

ROFUSE 400 / 1200 TURBO

Two universal electrofusion welding units for PE- and PP-fittings up to 400 and up to 1200 mm diameter.

- **Safety:** The Heat-Control (HC) function evaluates based on ambient temperature, device temperature and fitting and checks if the next fitting can be welded completely. This process is fully automated and indicated through a green or a red light shown on the display. This prevents any emergency shut-off of the unit due to overheating.
- **Performance:** Due to the Active-Cooling (AC) function, the unit is ideally fitted for continuous use since the heat removal is maximised by the installed ventilator.
- **Complete solution:** Ideal for use on a job site. All cables are securely stowed away inside the robust housing. The housing also offers sufficient space for accessories, tools or fittings.

Safety and performance – the complete solution for piping systems

Read out software: for simple printing and archiving

The screenshot shows a software interface with the ROTHENBERGER logo at the top. It contains several input fields and buttons for data entry and printing. Fields include 'Name', 'Position', 'Material', 'Diameter', 'Length', 'Date', 'Time', 'User', 'Location', 'Project', 'Fitting', 'Welding', 'Temperature', 'Pressure', 'Voltage', 'Current', 'Power', 'Energy', 'Status', 'Error', 'Warning', 'Info', 'Help', 'Print', 'Save', 'Load', 'Delete', 'Reset', 'Exit'.

A language neutral instruction manual

Simple to operate

USB port

Simple data transmission


Name of the welder and the construction site can be scanned in easily



Wireless scanner

Simple and unlimited handling

ROFUSE 400 TURBO

 max. mm	 kg			No.
400	21,5	1	1	1000000999

ROFUSE 400 / 1200 TURBO

The ROFUSE TURBO offers safety, performance and a complete solution for piping systems.

Further Features:

- Read out software for free: all saved welding sequences can be transferred to a computer with a USB drive. From the computer the data can be archived and printed using the read out programme "RODATA 2.0".
- Barcode Generator: RODATA 2.0 offers also the possibility to encrypt the name of the welder and the name of the construction site as a barcode. This barcode can then be scanned at the job site.
- The status of the welding and the cooling time is displayed by a progress bar.
- Before the welding begins the unit automatically checks for the correct fitting.



A practical pocket

for the welder's name and scan site-code

Height-adjustable cover

Can be used as a sun shield

A robust housing

The cable can be stowed away securely

A clear display

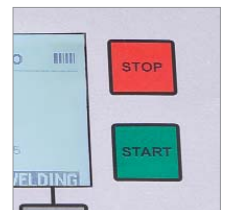
Allows intuitive operation.
The program sequence can be adapted individually



SKZ* checked

Safety due to Heat-Control (HC).

A green light: every fitting is welded to the end.
Red light: waiting until a welding sequence can be started.



ROFUSE 1200 TURBO

max. mm

kg

No.

No.

No.

1.200

21,5

1

1

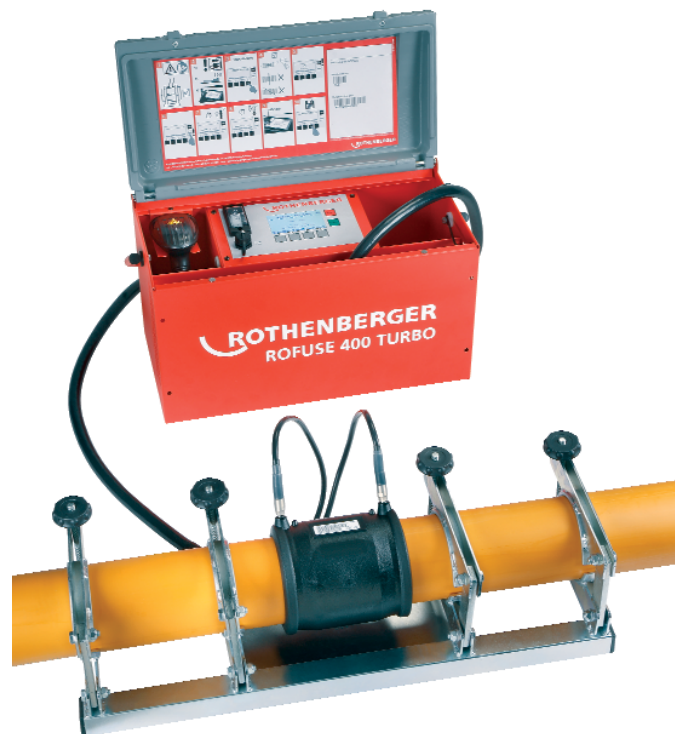
1000001000

*SKZ = Süddeutsches Kunststoff-Zentrum
(ROFUSE 400 TURBO)

ROFUSE 400 / 1200 TURBO

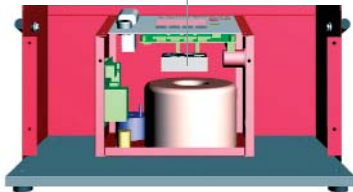
Technical data:

Mains voltage:	230 V
Frequency:	50 Hz / 60 Hz
Output:	3.000 VA, 70 % period of application
Output current (nominal current):	80 A
Welding voltage:	8 - 48 V
Ambient temperature:	-10 °C bis + 40 °C
Operating range (ROFUSE 400 TURBO):	Fittings up to Ø 400 mm
(ROFUSE 1200 TURBO):	Fittings up to Ø 1200 mm
Protection Class:	IP 54
Transmission interface:	USB v 2.0
Storage capacity:	2,000 welding logs
Weight incl. welding cable:	about 21,5 kg
(basic unit, without accessories)	



Ventilator

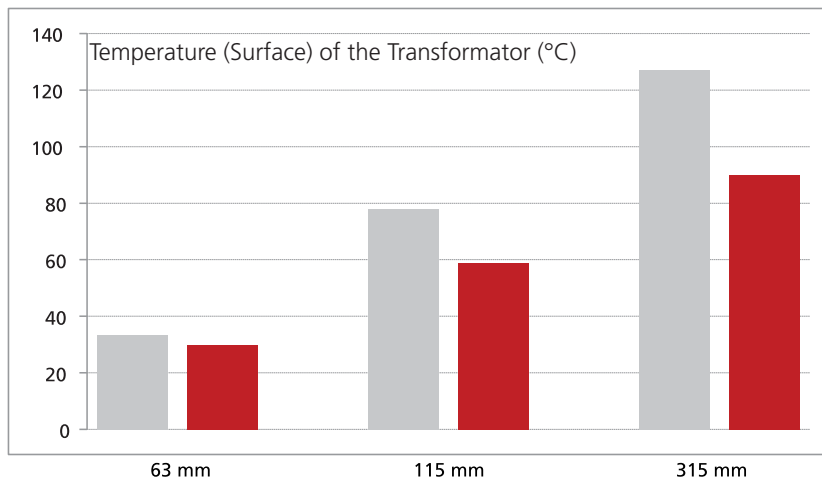
Improved heat removal compared to previous model



Longer welding through Active Cooling:

The Active-Cooling (AC) function improves the heat removal thanks to the installed ventilator. In comparison to the previous model, about 20% more fittings can be welded in series with ROFUSE TURBO.

Temperature of the transformer after 6 weldings



Tested with the ROFUSE 400 TURBO Prototype, ambient temperature 18-26°C, May 2014



ROFUSE basic 48



ROFUSE 400 TURBO

Supplier-certificate by:
ROTHENBERGER Werkzeuge GmbH

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