

**ROTHENBERGER**  
pipetool technologies at work

## ROFUSE 400 / 1200 TURBO



The new universal electrofusion welding units from ROTHENBERGER

[www.rothenberger.com](http://www.rothenberger.com)



**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



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**

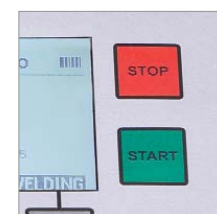
Allows intuitive operation. The program sequence can be adapted individually



**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.



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

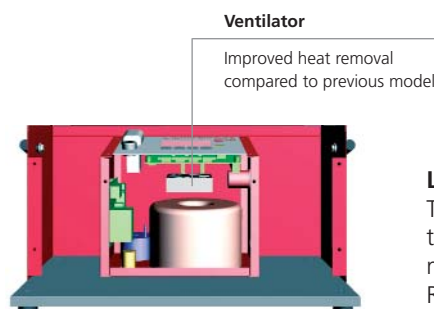
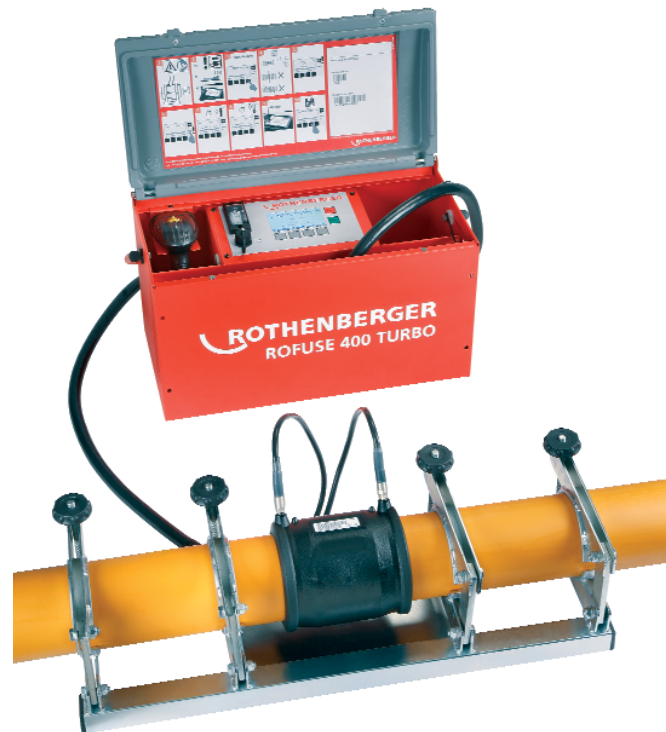
### ROFUSE 1200 TURBO

max. mm	kg			No.
1.200	21,5	1	1	1000001000

**ROFUSE 400 / 1200 TURBO**

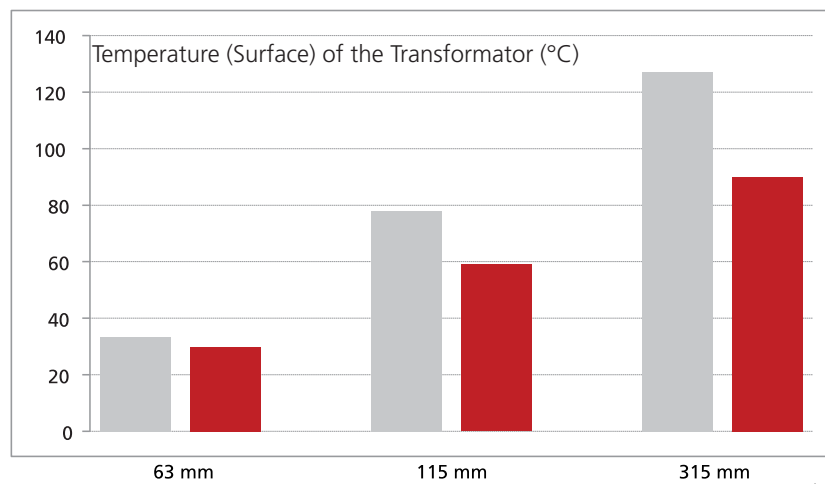
**Technical data:**

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



**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*



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