

TECHNICAL DATA | ELECTROFUSION MACHINES RITMO ELEKTRA 500

Standards: ISO 12176-3 Operator Traceability
ISO 12176-4 Fitting / Pipe Traceability
ISO 13950 Scanner

Working Range: 20mm - 500mm



Technical Features	Description
Materials Suitable for Welding	PE, PP, PP-R
Working Range*	20mm - 500 mm: 1/2" IPS - 20" IPS
Power Supply	230 V \pm 15% single phase 50/60 Hz
Welding Output Voltage	8 - 48 V
Total absorbed power	3100 W (230 V)
Maximum Output Current	120 A (230V)
Suggested Generator	5.5 kVA - 6 kVA
60% Duty Cycle output	70 A
Connectors	90° Universal adapters 4 mm - 4.7 mm
Working temperature range	-20° - 50° C
Memory capacity	4000 Reports
Connections	USB for external memory and ESC-POS
Dimensions	255 x 270 x 385 mm
Dimensions Transport Case	410 x 290 x 485 mm
Weight	18kg

*Working range might vary according to fittings brand. Check with the fitting manufacturer the power and the welding time required.

Note:

Installation should always be performed by a licensed operator. It is the responsibility of the licensed installer to check that the pipe or fitting to be installed, is suitable for the system which it is being used on. Correct installation procedures should always be followed.

The drawings, materials and specifications outlined are subject to change without notice due to the continuous improvements and development of our product range.

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