

PRODUCTS CATALOGUE

"AT EASE IN YOUR CONSTRUCTION SITE"

www.ritmo.it



A DVANTAGE

RITMO



RITMO WORLDWIDE

Ritmo has professional distributors and resellers all over the world. Our staff is ready to assist you in English, Spanish, French, German, Arab, Italian, Russian and Portuguese.

TRAINING

From many years now, we have decided that the best way to grant a client/distributor a perfect knowledge of our products is to invest in custom training, in our own premises. These courses are aimed to teach how to operate the products in the best way, and how to supply the "first aid" when necessary.

PRESALES TECHNICAL ASSISTANCE

When a client or a potential client wants to buy us a product, it is our standard procedure to help find the best solution to its needs.

GLOBAL ADVICE

In such a technical field as ours, the customer requires the best assistance. Thanks to the experience developed along the years, and to the co-operation with several manufacturers, institutions, schools and training institutes, RITMO is able to give the most comprehensive advice to no matter which related issue. Our company is a long-time member of a UNIPLAST's (UNI-Italian National Plastics Standards Body) working group dedicated to the study and draw up of new standards within our field. The importance of this group is linked to the fact that the expansion of the plastic welding field ought to be followed by a crescent sensitivity for safety issues, so to have a sustainable and continuous growth. The working group prepares draws, hence present them to the UNI to be discussed and eventually transformed into new standards.

AFTER SALES TECHNICAL ASSISTANCE

Ritmo's Service Centre can solve all kind of technical issues, as well as overhaul our machines. Ritmo has other Service Centres abroad, linked to its official distributors.

STARTING AND TESTING

RITMO' technicians are prepared to make the starting and testing of workshop machines at the client' own premises, so that the fittings production can start almost immediately.

XTR 400

XTR 800

XTR is an universal high performance electrofusion machine, suitable for welding HDPE and PP couplings (from 8 to 48 V). It is available in two versions: XTR 400, XTR 800. Composed of:

- A versatile machine body, capable of adapting to different operational needs, inside and outside the trench; the welding machine is placed inside a high resistant case made of PP with IP 67
- An laser scanner - barcode reading system that allows the automatic setting of the welding parameters. There are nonetheless two manual settings available: by setting the welding tension/time parameters, and by input the numerical code indicated under the bar code.

- A memory with 500 welding cycles, featuring the possibility of transferring data to a PC/ Laptop, to an external USB storage device, or to a serial printer RS-232. Report PDF file

- A large graphic display provided with an heating system perfect for an easy and fast reading with temperatures -5°C .

STANDARD COMPOSITION

- Universal adapter \varnothing 4,0 - 4,7 mm
- Laser scanner
- Manual scraper
- Transport case



TECHNICAL FEATURES

	XTR 400	XTR 800
Working range	20 ÷ 400 mm	20 ÷ 800 mm
Materials	HDPE, PP, PP-R	HDPE, PP, PP-R
Welding output voltage	8 ÷ 48 V	8 ÷ 48 V
Power supply	110 V Single Phase 50/60 Hz 230 V Single Phase 50/60 Hz	230 V Single Phase 50/60 Hz
Max. absorbed power	4000 w	4800 W
Max. output current	100 A	120 A
60% Duty Cycle output	65 A (110 V) 70 A (230 V)	90 A
Operating mode	Barcode Manual (Numerical code or tension/time)	Barcode Manual (Numerical code or tension/time)
Connections	USB for external memory and RS 232 serial print	USB for external memory and RS 232 serial print
Memory	500 Reports	500 Reports
Outside temperature range	$-20^{\circ} \div 50^{\circ} \text{C}$	$-20^{\circ} \div 50^{\circ} \text{C}$
T° reading probe precision	$\pm 1^{\circ} \text{C}$	$\pm 1^{\circ} \text{C}$
Protection degree	IP 54	IP 54
Welding hose length	3 m	3 m
Display	128 x 64 graphic display LCD	128 x 64 graphic display LCD
Dimensions	530 x 450 x 230 mm	530 x 450 x 230 mm
Weight standard composition	21,5 Kg	24,5 Kg

ELECTROFUSION BY RITMO:



INTUITIVE
CONTROL
PANEL

BARCODE
READING
SYSTEM

EASY
TO USE

UNIVERSAL
ADAPTER
Ø 4,0 - 4,7 mm

USB
PORT

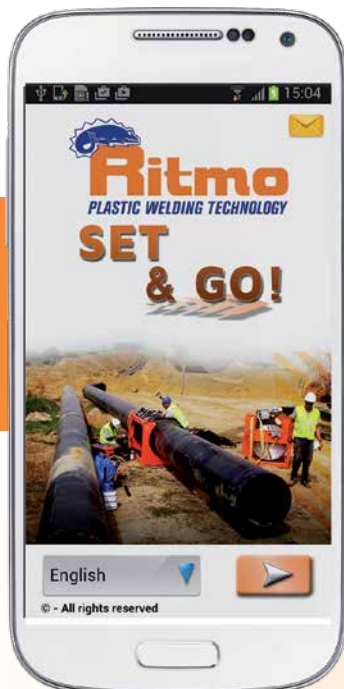
GRAPHIC
DISPLAY
MULTILINGUAL

LARGE
MEMORY

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DOWNLOAD

SET & GO!



APP developed by RITMO for its butt fusion machines.

“SET & GO” calculates the welding parameters in a simple, fast and useful way.

Through easy steps, like selecting the machine model, setting up the pipe data and choosing the welding standard, “SET & GO” tells you immediately your welding parameters!

The welding cycle is assisted and guided, step-by-step, by a handy timer with countdown function

“SET & GO” ...set to the future!



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the Corporate Video