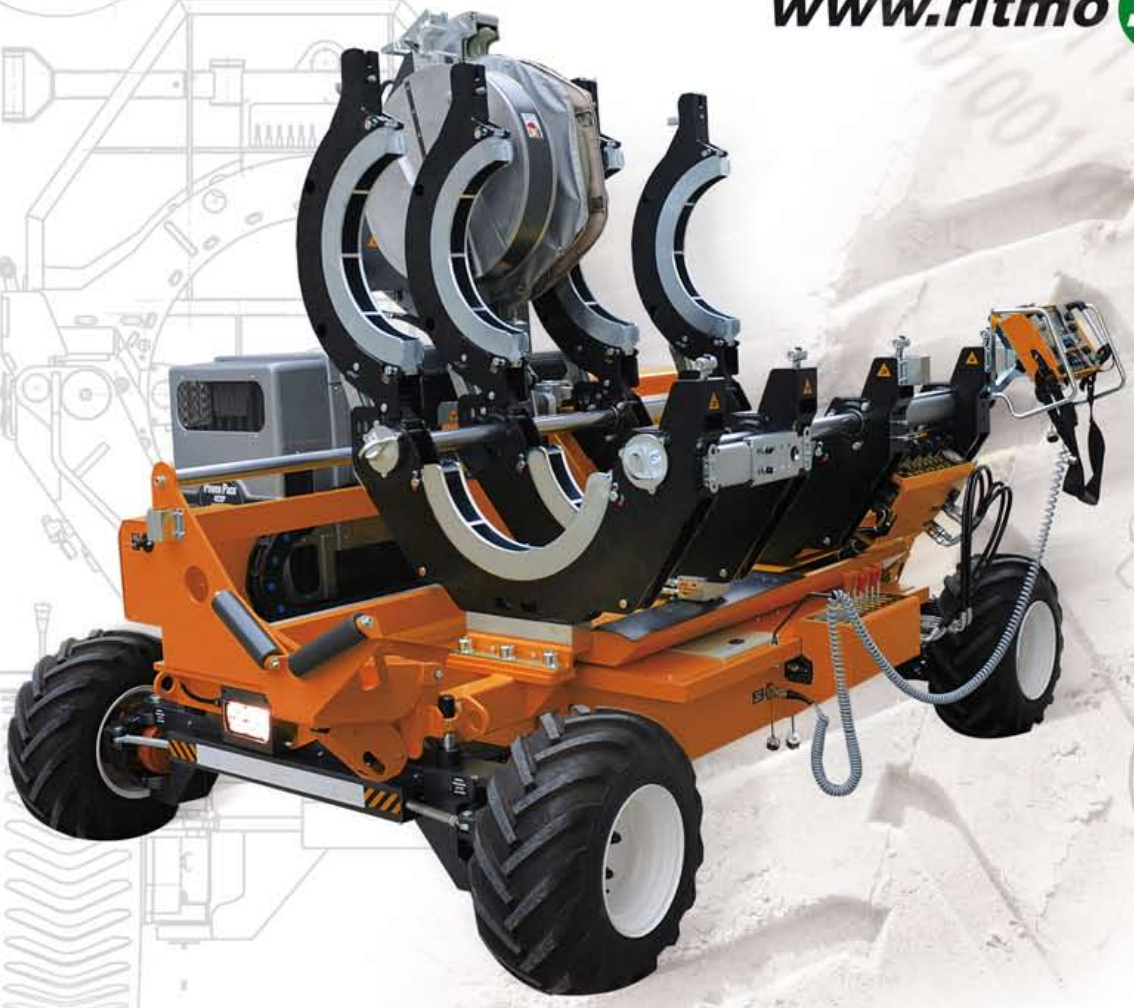
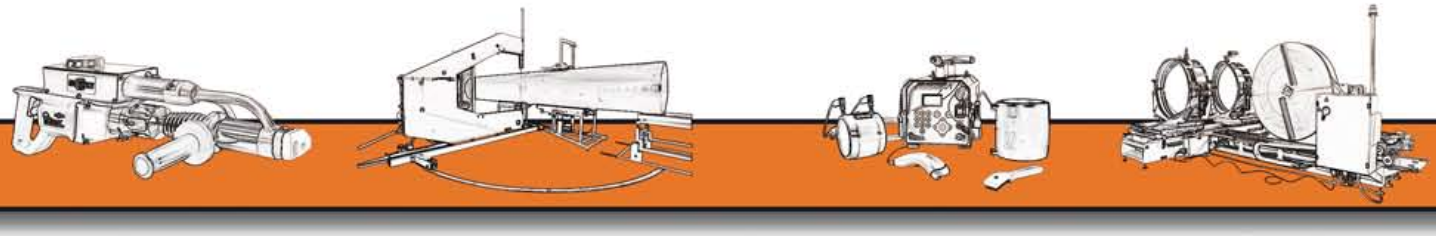
Ritmo

PLASTIC WELDING TECHNOLOGY

www.ritmo.it



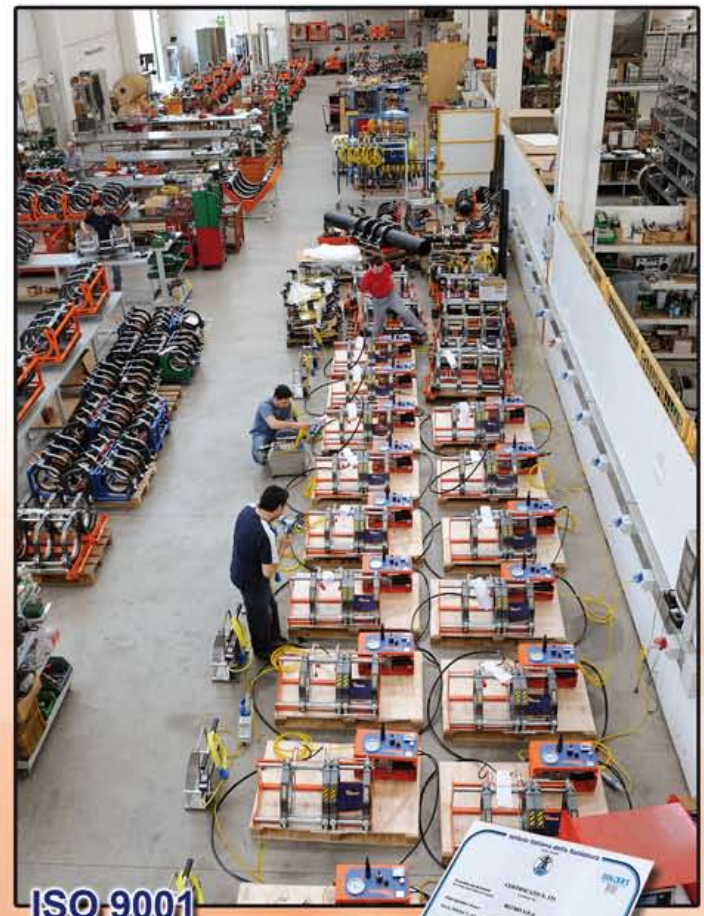


Italian Technology for "the Welding People"

Ritmo
PLASTIC WELDING TECHNOLOGY



RITMO S.P.A. is a world leader with over 30 years of experience in the manufactring of plastic welding equipment. All products are designed and built according to International standards and directives (UNI, ISO, CEE). Since the very beginning, quality and technology innovation are RITMO's milestones, and time after time, this philosophy is always more recognized by the global market. RITMO strong points are its ideas to design and produce accurate, fast, versatile, modular and easy-to-use welding machines. Products range includes butt fusion, electrofusion and extrusion equipment. Ritmo is also providing a complete line of accessories and useful instruments for pipe cutting and weld preparation such as the band saws. RITMO's regards towards the client has brought to the new-born "RITMO FUSION OPERATOR SCHOOL", which is a welding school with the goal of building qualified personnel and spread the knowledge about the technical potentiality of RITMO's equipment: TECHNOLOGY MADE IN ITALY.







ISO 9001
Quality System

... the result of our joint efforts



SINCERT
Certificato n° 375
UNI EN ISO 9001

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Ritmo
PLASTIC WELDING TECHNOLOGY

ELECTROFUSION MACHINES



WORKING RANGE Ø mm

MODEL	20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800
HIGH PRESSURE																										
ELEKTRA LIGHT	•	•	•	•	•	•	•	•	•	•	•	•														
ELEKTRA 315	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
MULTIPLA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
ELEKTRA 400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
XTR 400	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
ELEKTRA 800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
XTR 800	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LOW PRESSURE																										
MUSTANG 160 V1			•	•	•	•	•	•	•	•	•	•														
MULTIPLA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
UNIVERSAL 315 V1			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
	20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800

ELEKTRA 315



ELEKTRA 315 is an universal electrofusion machine, suitable for welding pipe/fittings for the transport of gas, water and for welding fire sprinkler system (HDPE, PP, PP-R couplings from 8 to 48 V). The Elektra 315 machine is made in compliance with international standards. Composed of: machine body, intuitive control panel an in built memory with 500 welding cycles, featuring the possibility of transfering data to a Pc/Laptop and an optical scanner - barcode reading system that allows the automatic setting of the welding parameters. Report in PDF file.

STANDARD COMPOSITION
- Universal adapter Ø 4,0 - 4,7 mm, transport case, optical scanner, manual scraper.

ON REQUEST (ACCESSORIES)
- Kit for data transfer Machine to Pc/Laptop (adaptor DB9M/USB and Ritmo Transfer)



Control panel



TECHNICAL FEATURES

Working range	20 ÷ 315 mm
Welding output voltage	8 ÷ 48 V
Single phase power supply	110 V - 230 V 50/60 Hz
Max. absorbed power	4000 W
Max. output current	100 A
60% Duty Cycle output	60 A
Memory capacity	500 report
Protection degree	IP 54
Dimensions machine (W x D x H)	263 X 240 X 300 mm
Dimensions carrying case (W x D x H)	405 X 285 X 340 mm
Weight	16 Kg





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