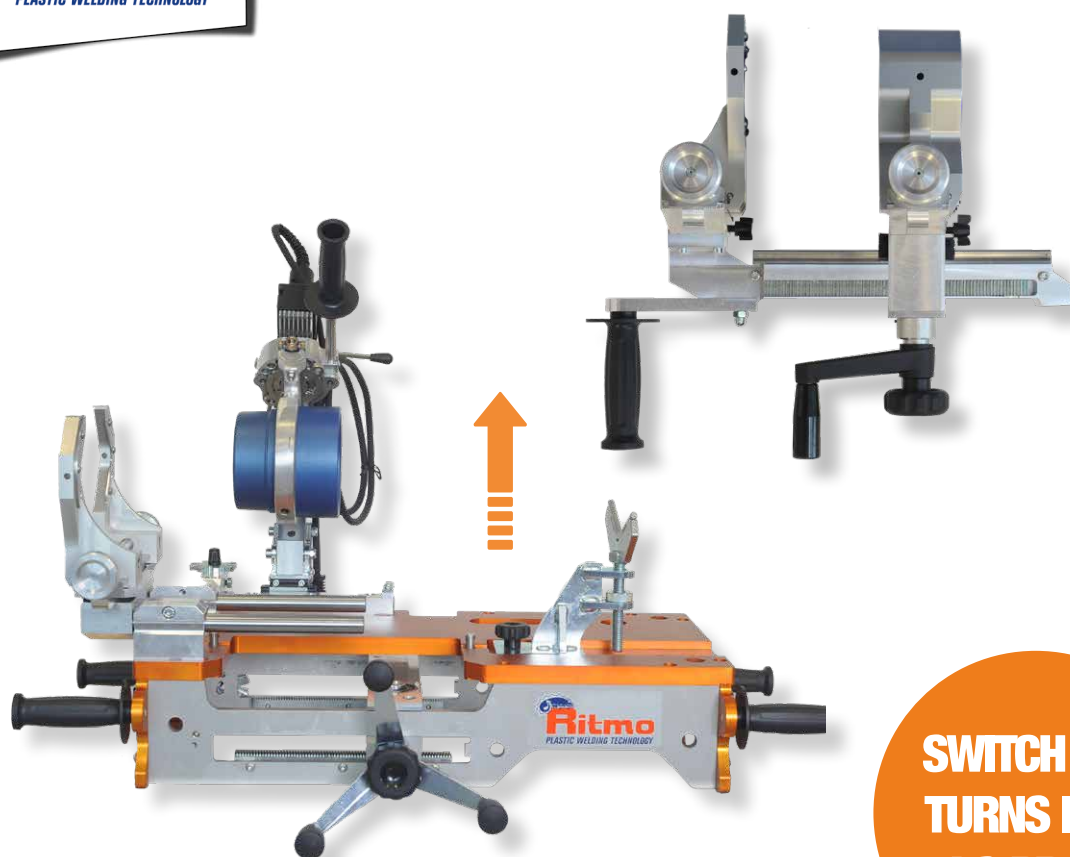




SWITCH 125

INNOVATION ON THE JOB SITE



**SWITCH 125
TURNS INTO
JIG PRIME**

2 IN 1

SWITCH 125 is Ritmo's "TWO products in ONE" solution for welding pipes with PP-R and PE fittings, and other thermoplastic materials from Ø 25 mm to Ø 125 mm.

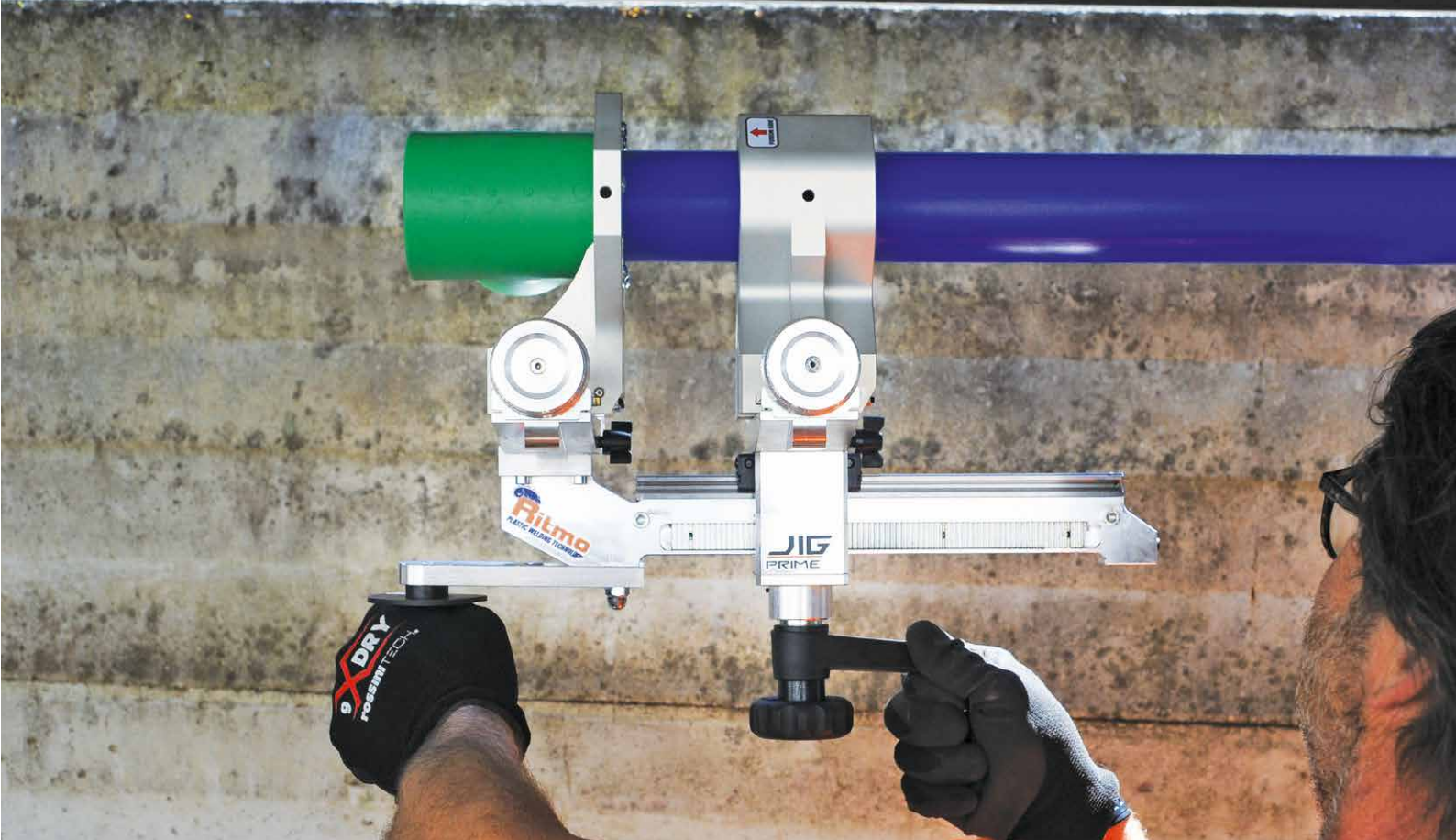
In a few moments the operator detaches part of the SWITCH 125 structure, transforming the welder into a new powerful product for on-site work: JIG PRIME. The operator ends up with a compact, slim welder that offers extraordinary freedom of movement and unique versatility for working on site.

SWITCH 125 revolutionizes jobsite work with an innovative, versatile and modular design.

PATENT RITMO

SWITCH 125
N.102023000013128

JIG PRIME
N. 102023000013131



JIG PRIME THE DIFFERENCE IS IN THE OPERATION

LIGHTWEIGHT 8,5 KG IN ACTION

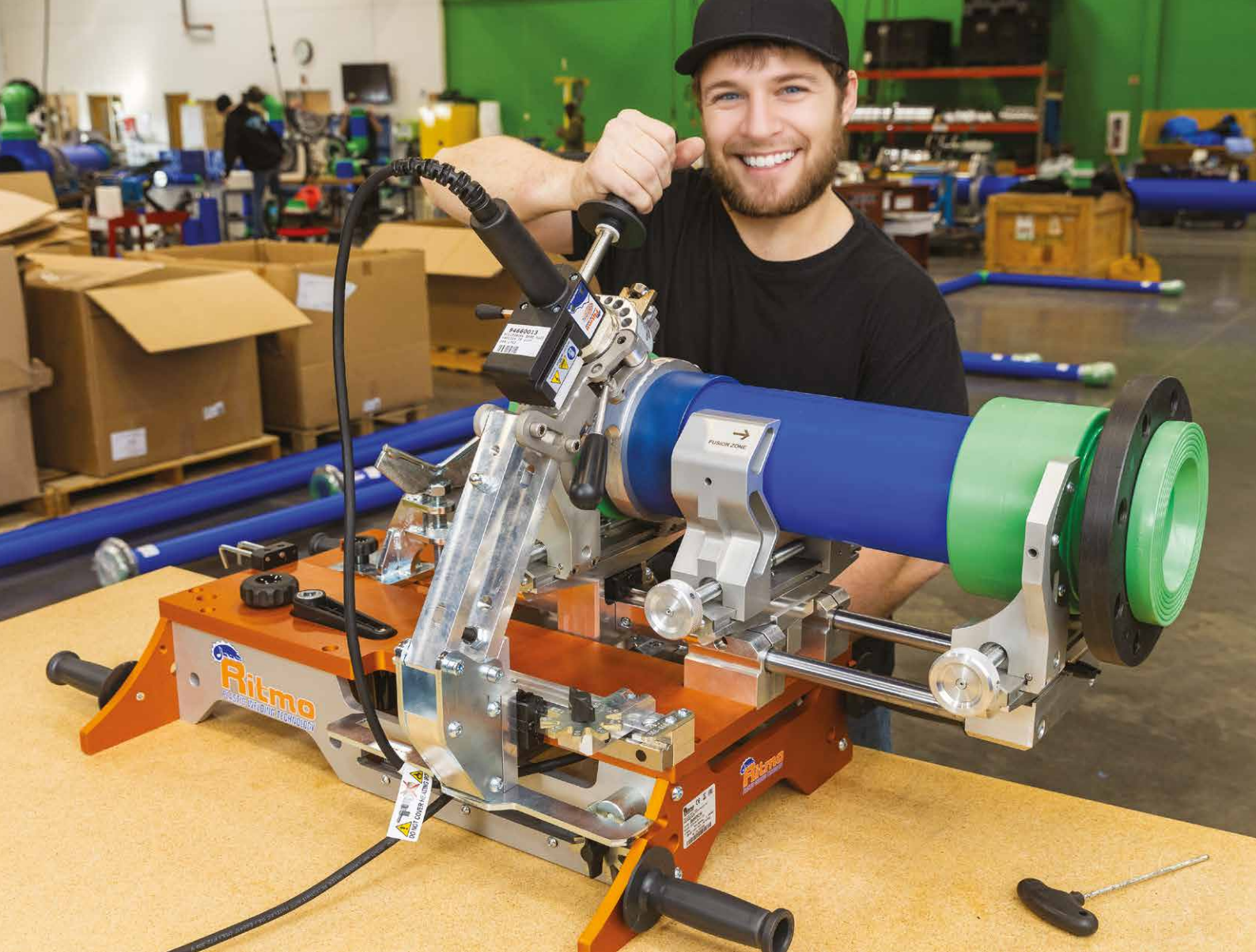
- JIG PRIME stands out for its light weight of only 8.5 kg.
- The welding machine is equipped with two self-centering jaws that, through convenient side handles, ensure a secure grip of pipes and fittings.
- The use of interchangeable inserts allows working on a wide range of diameters, from 25 to 125 mm.

WELDS HORIZONTAL VERTICAL OVERHEAD

- The clamps of JIG PRIME are reversible and easily detachable from the frame, allowing the welder to be quickly adapted to different on-site requirements and ensuring optimal performance for both vertical and overhead welds.

SMART

- The machine body is moved using a friction handle operated manually by the operator.
- The front grip serves a dual function: it ensures perfect balance of the welder during use and gives the operator the sensitivity needed to apply a precise, controlled push.



With SWITCH 125 the operator welds using a powerful tool with many practical advantages.

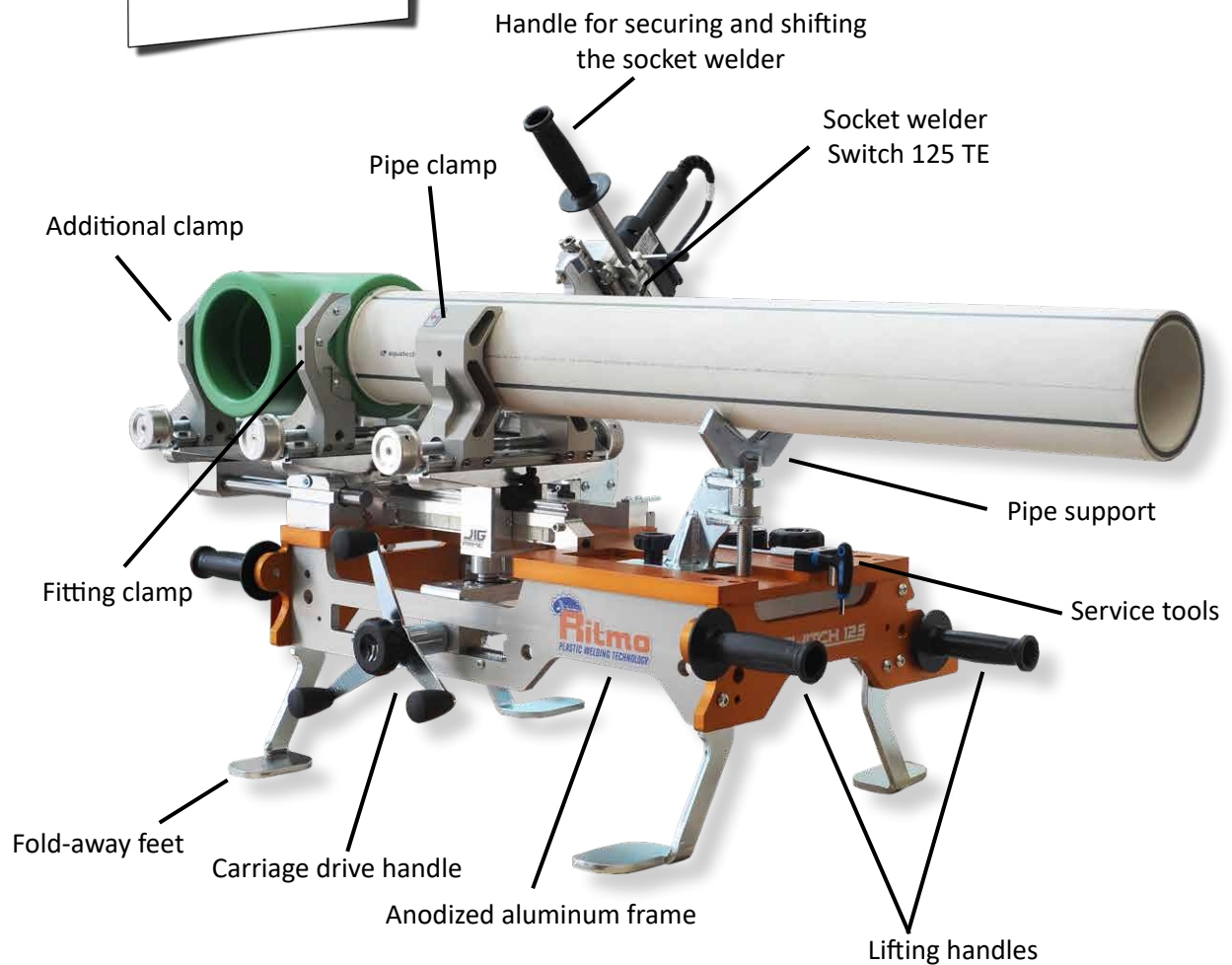
The two-clamp configuration ensures a secure, stable grip on the pipe and fitting; with the addition of the third clamp (standard equipment) the operator benefits from functional convenience when working with large fittings, valves, or as useful support during the stages of completing a fitting in the welding process.



Two-clamp configuration



Third clamp for supporting pipe or fitting



COMPLETE

- SWITCH 125 is lightweight with an anodized aluminum frame
- It features retractable feet
- Side handles for quick positioning
- Quick-release clamps
- Quick-release socket welders
- Service tools

PRECISE

- SWITCH 125 features self-centering clamps
- Pipe and fitting tightening knobs.
- Heat-depth stop
- Detachable plate for easy removal of the socket welders
- Adjustable pipe support
- Fitting support
- Socket welder with TE technology: adjustable electronic temperature controller.

VERSATILE

- Removable socket welder for on-site work.
- Rotating socket welder to quickly change welding direction.
- Reversible clamps
- Operates on the ground or placed on a workbench.

A VERSATILE SOLUTION



Clamps compact for the venting of the fitting.

Switch 125 is equipped with a quick release that allows the socket welder to rotate 180° in its seat or to be removed for on-site work.



**EASY
REMOVAL**

**QUALITY
WELDING**

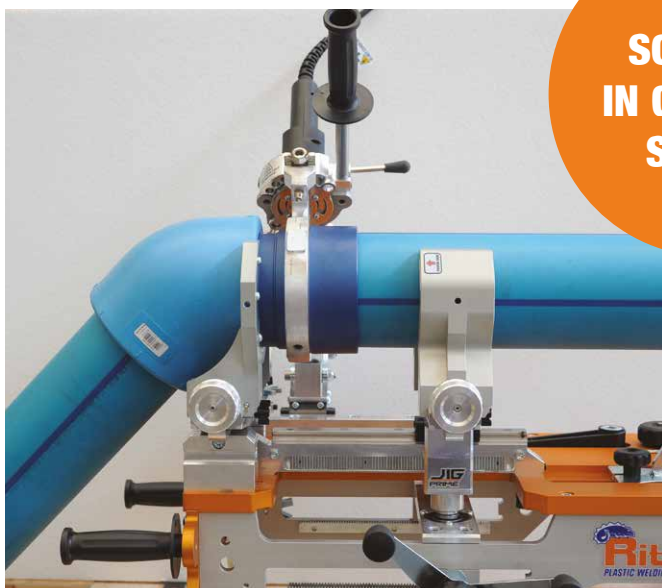


THE RIGHT DIRECTION

The solution for working in confined Spaces.

Rotate the socket welder, quickly release the jaws, reposition them, and start welding! In just a few moments, the operator can change the welding direction without having to turn the welding machine. This advantageous feature provides extraordinary flexibility and time savings.

SOLUTION IN CONFINED SPACES



← **WELDING DIRECTION** ←



→ **WELDING DIRECTION** →

TECHNICAL FEATURES

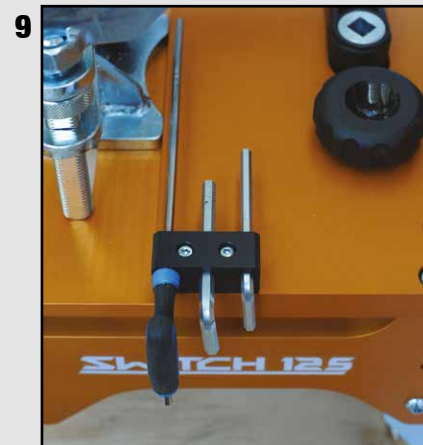
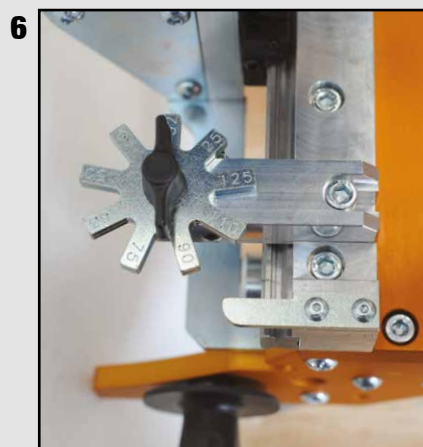
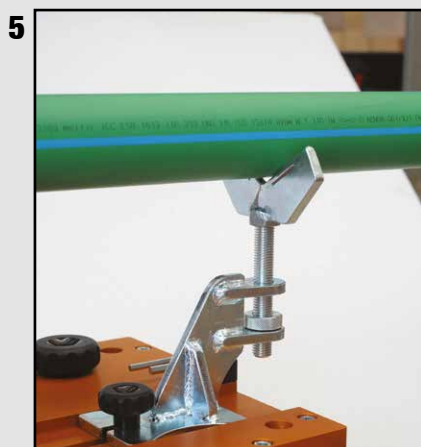
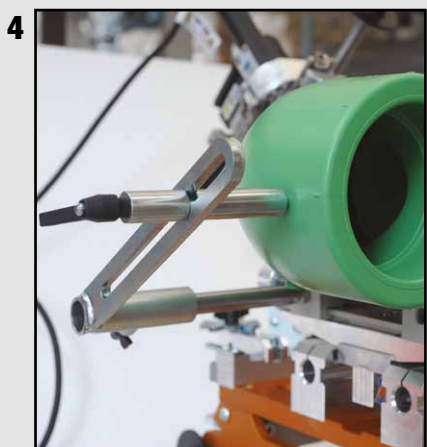
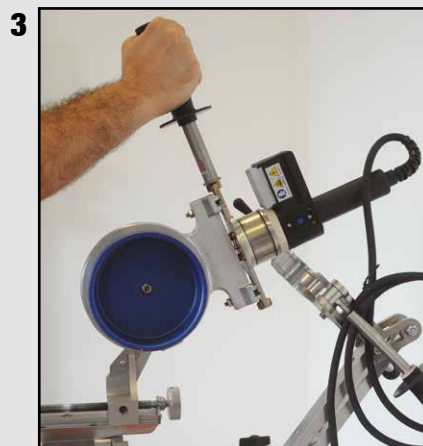
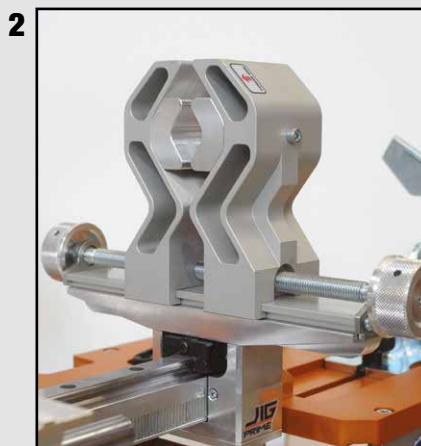
Working range	Ø 25 ÷ 125 mm
Materials	PE, PP, PP-R
Power supply	220÷230 V, 50 ÷ 60 Hz Single Ph; 110 V, 50 ÷ 60 Hz Single Ph
Absorbed power max	1400 W
Ambient T°	-5 ÷ + 40°C
Working T°	180°C ÷ 290°C
Weight standard composition Switch 125	49,6 Kg (109,35 lb)
Dimension standard composition Switch 125	900 x 545 x 503 mm (35,43" x 21,46" x 19,8")
Weight Jig Prime on site	8,5 Kg (18,7 lb)
Max dimension Jig Prime on site	506 x 332 x 399 mm (19.9" x 13" x 15,7")
Dimension transport case Switch 125	38 Kg (83,78 lb)
Weight transport case Switch 125	1100 x 664 x 824 mm (43,31" x 26,14" x 32,44")

EXTRA DETAILS FOR A PERFECT JOB

EVERYTHING YOU NEED

Switch 125 is equipped with many small details that improve work efficiency.

- 1 – The jaws are removable from their support and can be exchanged
- 2 – Inserts to operate on a wide range of diameters, from 25 to 125 mm
- 3 – Practical handle for securing and shifting the socket welder
- 4 – Support for the fitting for even more precise welding
- 5 – The pipe support is adjustable and ensures better alignment of the tube to be welded
- 6 – Heat-depth stop
- 7 – Detachable plate for easy removal of the socket welders
- 8 – Retractable feet to work on the ground or resting on a table
- 9 – Service tools



The information and photos contained in this publication are not binding, and RITMO S.P.A. is free to make changes without notice.
ED. 09/2025

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