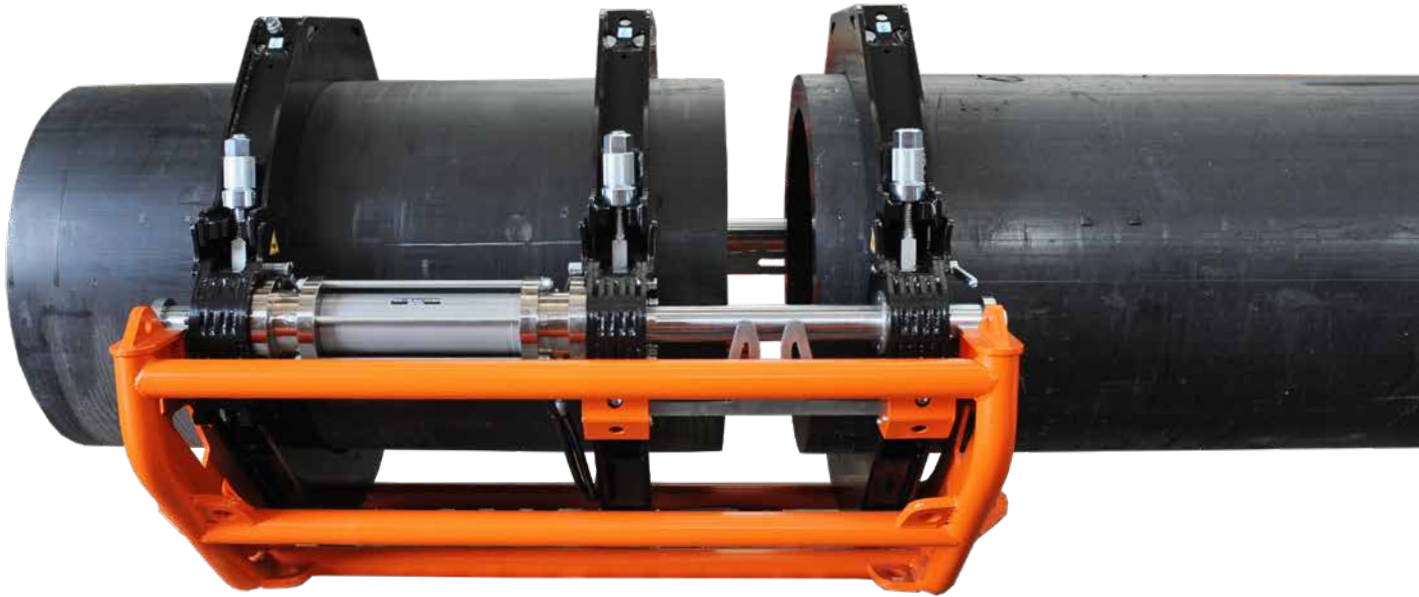




COMPACT 1000

FOR CONFINED SPACES



CREATE NEW OPPORTUNITIES

Compact, robust and designed for construction sites where space is limited. The Compact 1000 is a three-jaw welding machine with a flared frame, ideal for the installation and maintenance of PE and PP pipes in challenging environments.

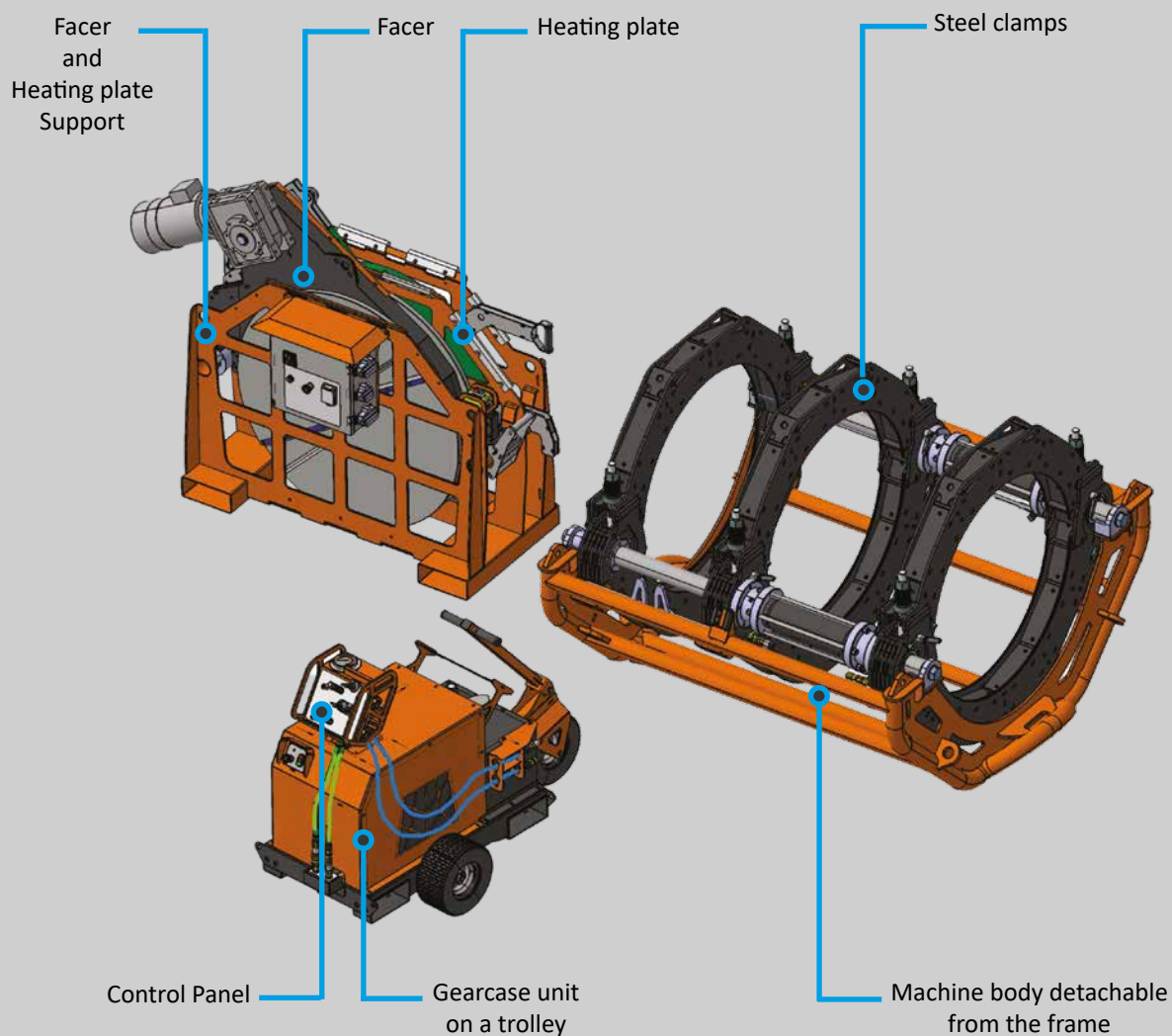
Benefits:

- Smaller in-ditch: the compact frame reduces the size of the working area required
- Time savings: simplified handling with reduced weight and footprint during transport and positioning
- Extended working range: Ø 355–1000 mm; Ø 14"–36" IPS/DIPS
- Adaptability: metric, IPS and DIPS inserts
- Steel clamps for long-lasting durability

COMPACT

VERSATILE

MODULAR



**PERFECT
IN TIGHT
SPACES**

COMPACT MODULARITY: ADDED VALUE.

Four working configurations for the machine body, with the option to remove the frame and a clamp, resulting in an increasingly compact welder with a single goal: to weld where others cannot reach.



Compact 1000 modularity.



**SAVE
TIME**

**USE
THE POWER
OF REMEDY**

MORE EFFICIENT IN DITCH

Compact 1000 is an essential modular accessory, compatible with the Remedy 1000, which optimises in the trench operations.

Key benefits:

- Compact, lightweight frame for reduced excavation and easier handling.
- Direct integration with the Remedy 1000 without detaching the machine body, for faster operations.
- Reduced post-welding extraction times for the welder.

With the Remedy 1000 In Ditch Kit:

- Uses the Remedy 1000 cutter and heating plate (support included).
- No extra generator required.
- Uses the Remedy 1000 control panel and hydraulic system.



**MINIMAL
EXCAVATION
WORK**

**LOWER
OPERATING
COSTS**

**EVERYTHING
MADE
EASIER**

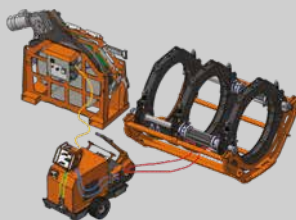
The frame is designed to rotate around the tube and then be removed from the top.

**EASY
REMOVAL
FROM
IN DITCH**



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CONFIGURATIONS



Code 91800030
COMPACT 1000 400 V
Machine body, Gearcase, Facer,
Heating plate, Support Facer
and Heating plaste



Code 91800031
COMPACT 1000 480 V
(440 ÷ 480 V) with
TRANSFORMER 400 V
Machine body, Gearcase,
Facer, Heating plate, Support
Facer and Heating plaste



Codice 91800032
COMPACT 1000 240 V
(208 ÷ 240 V) with
TRANSFORMER 400 V
Machine body, Gearcase,
Facer, Heating plate, Support
Facer and Heating plaste



Code 81741804
COMPACT 1000
only machine body
Requires code
84301801 In-ditch Kit
Remedy 1000

WELD AS YOU LIKE

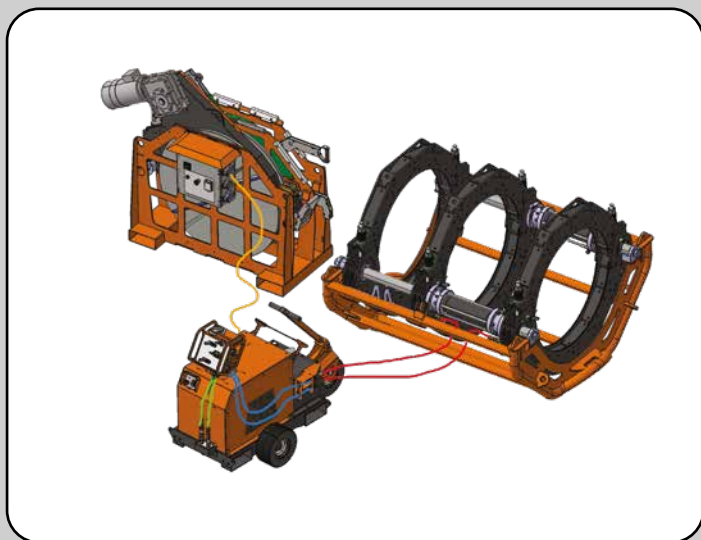
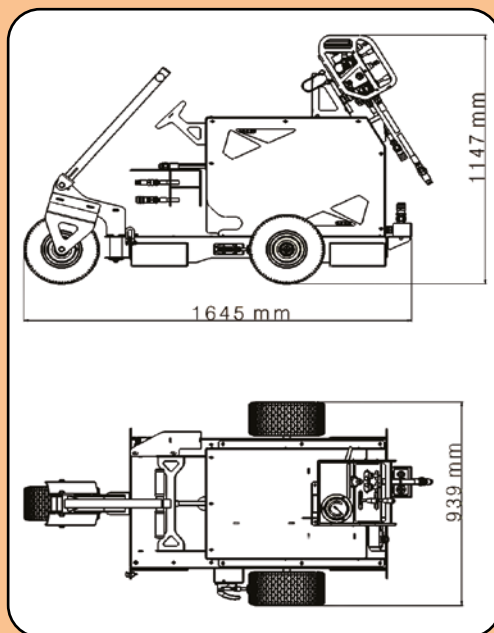
Choose your welding position freely thanks to a control panel that you can place wherever you prefer.

1

- Control panel positioned in the standard configuration.

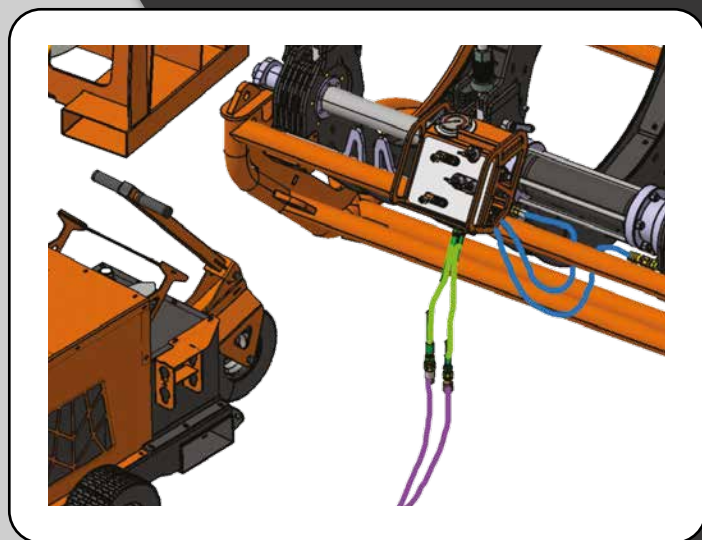
2

- Customized workstation with the control panel moved to the side of the welder.



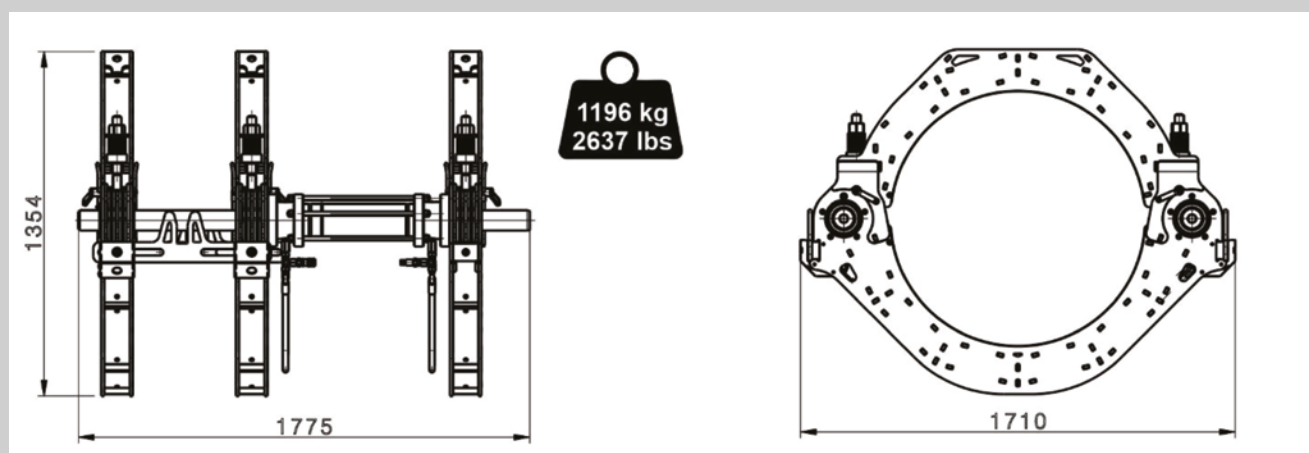
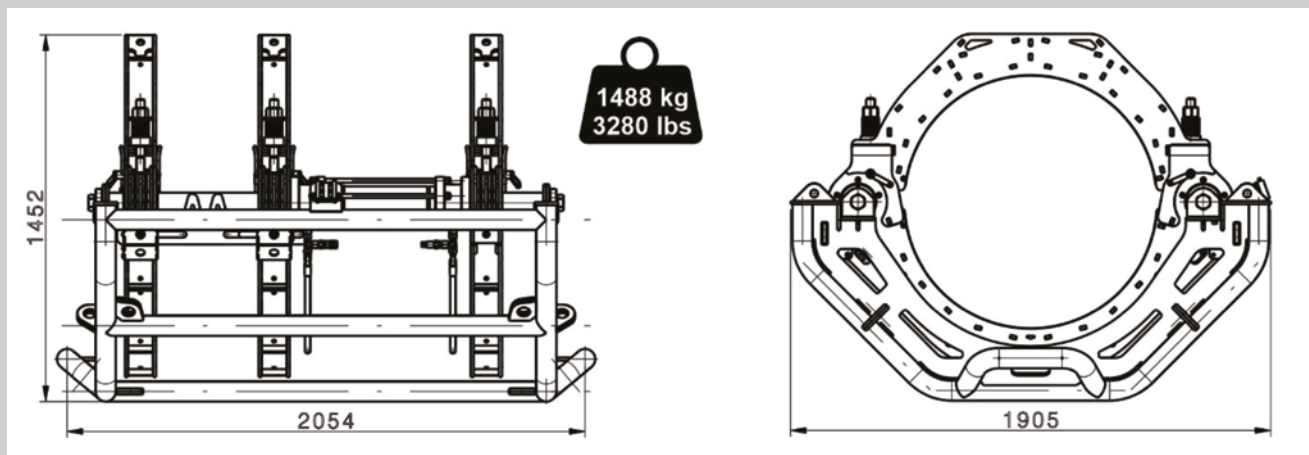
1

Control panel positioned in the standard configuration



2

Control panel on the machine (requires hydraulic extensions)



Dimensions in millimetres

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TECHNICAL FEATURES

* If included in the selected configuration

** 400 V power supply for part number 91800030; for other voltages, refer to the relevant section

	COMPACT 1000
Working range	355 ÷ 1000 mm 14" IPS ÷ 36" IPS
Materials	PE - PP and other material
Outside T° range	-5° ÷ 40° C (23° ÷ 104° F)
Dimension machine body with frame	2054 x 1905 x 1452 mm 80,8" x 75" x 57,1"
Dimension machine body without frame	1775 x 1710 x 1354 mm 70" x 67" x 53,3"
Weight machine body with frame	1488 Kg (3280 lb)
Weight machine body without frame	1196 Kg (2637 lb)
Extension hydraulic hoses	up to 11 m
Power supply for the electrical panel**	400 V 3 Ph. 50/60 Hz
Facer - max absorbed*	4400 W
Facer - dimension*	1516 x 277 x 1580 mm 59,7" x 11" x 62,2"
Facer - weight*	480 kg (1050 lb)
Heating plate - max absorbed*	22000 W
Heating plate - dimension*	1522 x 71 x 1563 mm 60" x 2,8" x 61,5"
Heating plate - weight*	135 Kg (298 lb)
Heating plate / Facer Support - dimension*	1485 x 836 x 1176 mm 58,6" x 32,9" x 46,3"
Heating plate / Facer Support - weight*	230 Kg (507 lb)



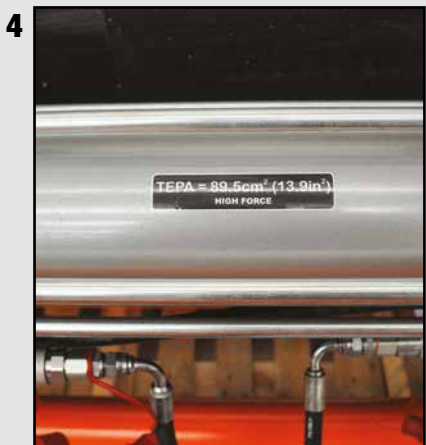
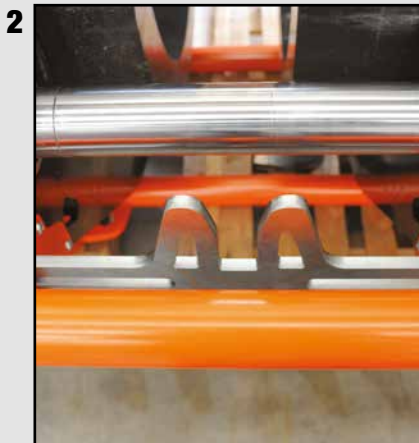
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EXTRA DETAILS FOR A PERFECT JOB

EVERYTHING YOU NEED

The COMPACT 1000 features many small details that improve work efficiency.

- 1 – Steel clamps – 0% breakage
- 2 – Detach device for Heating plate
- 3 – Mounting holes for maximum operational freedom
- 4 – High-thrust hydraulic cylinders for thick-walled pipes
- 5 – Clamping tie rod equipped with a bearing
- 6 – Heating plate support equipped with anti-scratch covers



COMPATIBILITY

Certify Your Construction Site Welding Quality with Ritmo's Next-Generation Technology. Introducing Inspector 2.0, Ritmo's powerful new datalogging system designed to validate and document the quality of your field operations with precision and ease.

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RITMO'S ADVANCED CONSTRUCTION DATA MANAGEMENT SOLUTION

**RITMO S.P.A**

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