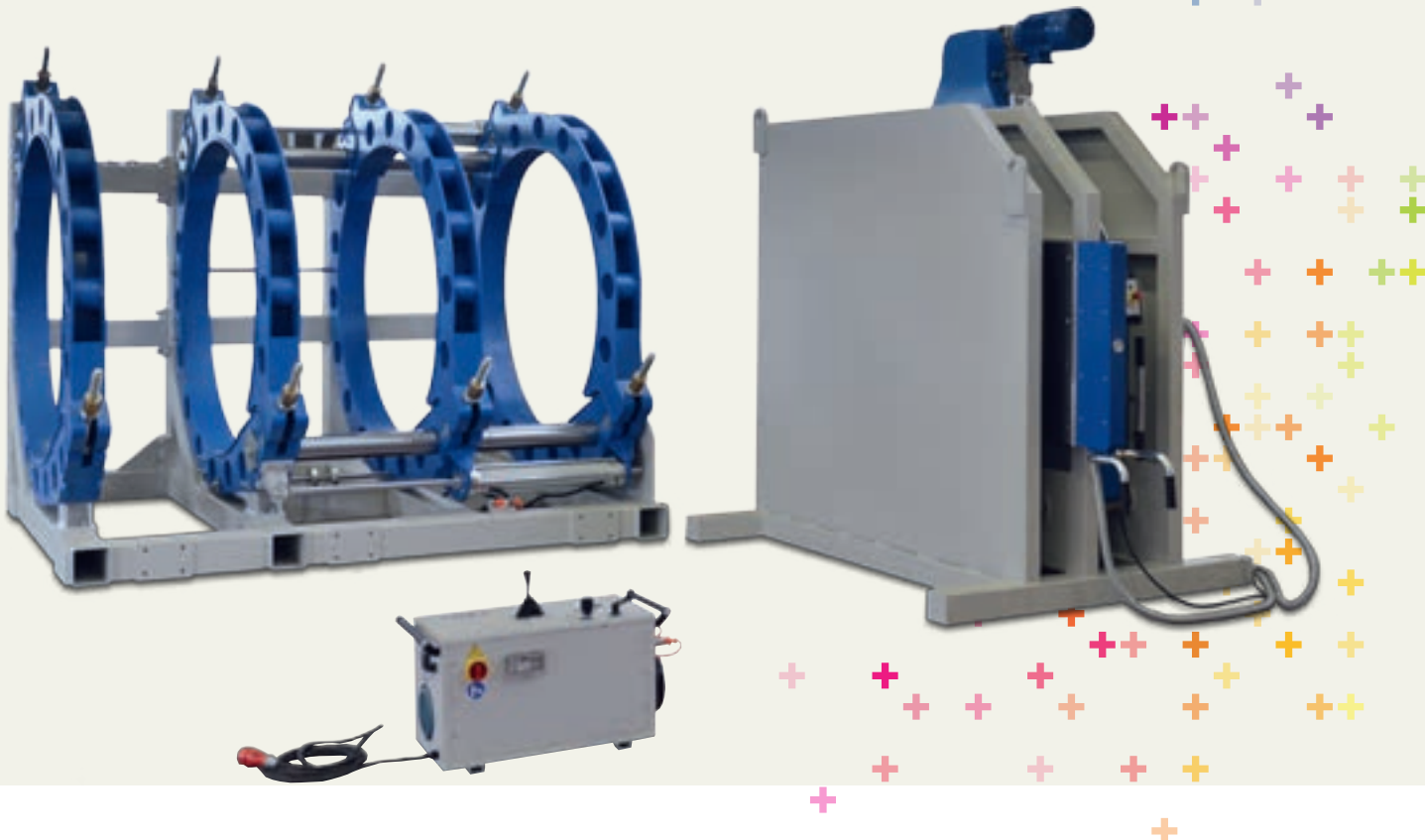


## GF 1600 Butt-Fusion Machine

# Think bigger



### High performance and reliability on construction site

The GF 1600 is a butt fusion machine for applications with pressure piping systems on building sites, suitable for jointing PE and PP pipes and fittings in the diameter range 1000 – 1600 mm. It has been designed to ensure quality and reliability of the welding process for water as well as gas applications, even in hard conditions (e.g. mining projects). Dedicated accessories are available to provide proper solutions for the various demands on construction site.

#### Description

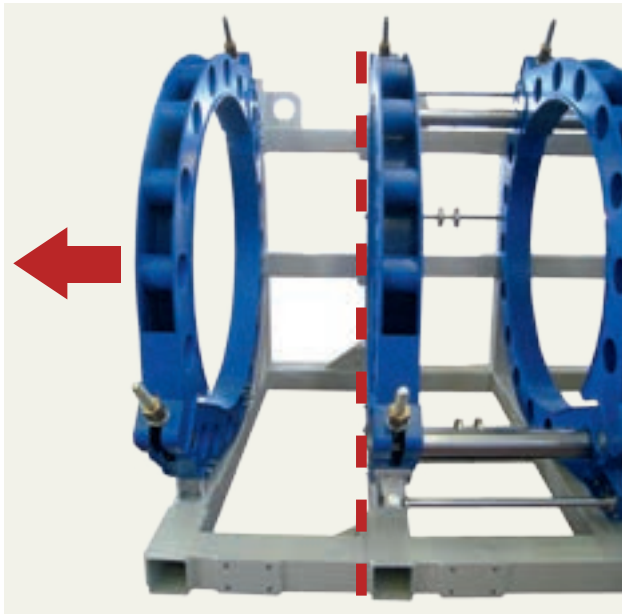
Highly precise and sturdy machine, provided with compact hydraulic unit and electric power box for safe connection of all electric devices. Especially designed to work according to the different national guidelines with low pressure cycles (DVS 2207, ISO 21307, WIS 4-32-08, NBN T 42-010, NEN 7200,...). Fully compatible with welding data logger WR 200 to guide the user through all preparation and fusion steps, ensuring the quality of the butt-fusion jointing.

#### Range of application

- Pipe material: PE, PP
- Dimension: d 1000 – 1600 mm, SDR 41 - 11
- Voltage: 400 V – 50 Hz
- Performance: 55 kW, 85 A

#### Available models

- GF 1600
- GF 1600 equipped with WR 200 data logger



## Product features

**Removable upper half-clamps** to increase flexibility and reduce risk of damages during pipe handling.

**Pressure cylinders** separated from the guiding shafts, for easier maintenance and replacement on site (reduced machine down time).

**Removable left outer clamp** to reduce machine length and weight, e.g. in case of narrow working space, jointing of short end fittings, transportation.

**Double-sided pull off mechanism** for automatic detachment of the heating plate to optimize the change-over phase.

### Hydraulic control unit

- By-pass valve for precise pressure regulation in the build-up phase and in case of double pressure welding cycles (e.g. WIS, ISO, NBN T)
- Fully compatible with welding data logger WR 200
- Trolley (available as accessory) for easy transportation on site

### Planer

- Ergonomic handle for safe drive
- Self-locking mechanism and microswitch for safe operation

### Heater

- Ergonomic handle for safe drive
- Thermometer at operation side for fast check of the heating plate temperature

### Storage case with control box on board

- Power outlet and electrical protection for all the machine devices
- Electronic temperature controller with digital display (precise and easy to set)
- Cable winder for comfortable storage of all electrical cables

## Available accessories

- Reduction rings sets for clamps d 1000, 1200, 1400 mm. Other dimensions available on request.
- Stub-end holder for short-end fittings
- WR 200 welding data logger
- Trolley for hydraulic unit
- Hoist unit with electric motor

### Your contact

#### GF Piping Systems

Georg Fischer Omicron S.r.l.

Via E. Fermi 12, 35030 Caselle di Selvazzano (PD)

Italy

Tel. +41 (0)52 631 11 11

www.gfps.com, wm.qr-ut.com

