



PIPE & WELD ITALY
worldwide industrial products

Design, Manufacture and Sale of
Industrial Ovens for Welding



**Portable and stationary ovens
for electrode, powder and
consumables in a variety of
sizes and designs**



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Small portable ovens for electrode keeping



Mod. PWI-8

The **Portable** and **Semi-portable Ovens** are used to keep small quantities of electrodes at humidity-free conditions at the welding place to avoid hydrogen inclusion into the welding which can cause breaking and defects. They are available in different versions, equipped with:

- Extractable basket with heat-proof handle, or simple top cover.
- Transport handle
- Thermostat, adjustable 40°-220°C
- Thermometer or fixed temperature with on/off switch upon demand
- Heating element fixed at the bottom of the oven directly in touch with the electrodes assuring electrode even temperature.
- N. 1 indicator led showing power supply and n. 1 indicator led showing oven working, available on all models with any voltage: 24V, 48/72/85V, 110V, 230V



Mod. PWI-30

Stationary electrode drying & keeping ovens



Mod. PWI-4ER

The **Drying Ovens** are mainly used for **Rebaking and Keeping** the treatment of welding electrodes to a specific time and temperature, to avoid hydrogen inclusion during welding process.

The innovative models **PWI-3ER / F6ER / F9ER** are manufactured with versatile and modular structure, equipped with **3/6/9 inner shelves**, suitable for keeping different load capacities and meeting any working needs of the user.

The oven has an **external structure** made of sheet steel painted with epoxy powder coating to withstand heavy working conditions as humidity, corrosion and salty atmosphere. The **inner chamber** is manufactured in galvanized plate, heatproof 400°C.

All the ovens are **heat insulated** with double walls and a special panel in rock wool and equipped with:

- Programmable control board (PLC) or control equipment with thermoregulators with traditional models PWI-4E
- Automatic fan ventilation system



Mod. PWI-4E



Keeping & Storage oven for wire coils and welding consumables



Mod. PWI-STR

The innovative oven, Model PWI-STR has been specifically conceived for the heat treatment and storage of the consumables used in welding, that is wire coils, metal bars, metal sheets, preventing moisture and keeping them in optimal temperature conditions to a specific use.

- Made in versatile and modular structure with inner shelves, suitable to keep different types and load capacities, this oven is practical and easy to use and is equipped with:
- Heating system with radiant panel
- Thermoregulator for temperature control
- Hygrometer for humidity detection
- Aspiration system with timed management for air circulation



**-Rugged design-
-High quality insulation-
-Temperature up to 400°C-
-Special and customized
models upon request-**

Hopper drying and keeping ovens for welding flux



The **Hopper Ovens** are used for drying and keeping flux in submerged arc welding.

They are available in the traditional range **PWI-FS100**, **PWI-FS200** and **PWI-FS400** with single or double tank, suitable to keep different load capacities and quipped with digital control equipment. The new models, **PWI-FR200A**, **PWI-FR400A** and **PLUS** are manufactured with a versatile and modular structure suitable for meeting the real need of the user, reducing consumptions of 30/40 % compared to traditional models.

They are indeed equipped with:

- Sensor that adjust the power supply depending on the real amount of loaded flux
- Electronic Programmable Control Equipment, PLC
- Heat insulation with double walls and a special panel in rock wool.
- Easy loading and unloading flux system.



PWI-FS200

Mod. PWI-FR200A



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Welding Ovens

TECHNICAL DATA

Model	Load Capacity	Voltage	Power	Temperature max.	Ext. Dimensions (l*p*h) mm	Weight Kg
PWI-8	5/6 Kg	tutti	0,13 kW	170°-190°C	140x180x630	8
PWI-15	10/12 Kg	tutti	0,275 kW	170°-190°C	180x220x630	9
PWI-7 TF	5/6 Kg	tutti	0,9 kW	110°C	140x180x630	8
PWI-8 TD	5/6 Kg	230V	0,13 kW	170°-190°C	140x180x630	8
PWI-15 TD	10/12 Kg	230V	0,275 kW	170°-190°C	180x220x630	9
PWI-30	25 Kg	230V	1 kW	170°-190°C	300x300x610	17
PWI-4M	300 Kg	230V	1,7 kW	250°C	850x780x1180	145
PWI-2MR	150 Kg	230V	3,7 kW	250°C	1060x610x760	150
PWI-4MR	300 Kg	230V	3,7 kW	250°C	1060x610x1050	180
PWI-6MR	450 Kg	230V	3,7 kW	250°C	1060x610x1350	210
PWI-3ER	203 Kg	400V-3f	3,7 kW	400°C	1080x700x860	180
PWI-6ER	404 Kg	400V-3f	7,4 kW	400°C	1080x700x1280	285
PWI-4E/4EV	300 Kg	400V-3f	4,5/6 kW	400°C	850x780x1180	145/150
PWI-FS100	100 Kg	400V-3f	4,0 kW	400°C	820x800x1270	90
PWI-FS200	200 Kg	400V-3f	6,7 kW	400°C	820x800x1270	120
PWI-FS400	400 Kg	400V-3f	13,4 kW	400°C	1640x800x1270	240
PWI-FR200A	100/200 Kg	400V-3f	4,8 kW	400°C	880x680x1330	220
PWI-FR200A-PLUS	100/200 Kg	400V-3f	4,8 kW	400°C	880x680x1330	220
PWI-FR400A	400 Kg	400V-3f	9,6 kW	400°C	1760x680x1330	440
PWI-FR400A-PLUS	400 Kg	400V-3f	9,6 Kw	400°C	1760x680x1330	440
PWI-STR	Specification upon request					

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