



## Atmosphere Furnaces for Metal Heat Treatment



www.solo.swiss

🇨🇭 Innovative. Reliable. Precise.



## SOLO Swiss - Atmosphere Furnaces

**SOLO offers two types of furnaces:**

**Continuous furnaces.** Featuring protective or treatment atmospheres with gas cooling or quenching in liquids. All SOLO Swiss furnaces are equipped with alloy muffles to provide precision heat treatment and feature quick quenching.

**Profitherm type batch furnaces.** This unique, multifunctional arrangement of bell-type furnaces and multiple quench tanks, allows a direct & rapid transfer of the load from the furnace(s) to the quench tank(s). The modular design enables easy expansions and allows all types of atmospheres and quench media.



Thermic Service

## Thermic Service - Repair & Maintenance

Thermic Service is a service business unit performing maintenance and repair on SOLO & Borel furnaces (as well as on other manufacturers) in Switzerland and worldwide.

- Genuine SOLO & Borel parts
- Database with complete history of modifications and repairs on your SOLO or Borel furnace
- SOLO & Borel original drawings since the 1940s





## Borel Swiss - Standard Furnaces & Ovens

Founded in 1927, Borel Swiss SA is the leading manufacturer of electric furnaces, kilns and ovens for the metal, heat processing, heat treating, metal melting, ceramics, glass, porcelain, pottery.

Borel proposes a whole range of standard furnaces, accessories & spare parts. If you need a furnace specially tailor-made to your needs, Borel will be pleased to help you.



## Axron Swiss Technology - Process Control & Supervision

AXRON Swiss Technology SA is editor and integrator of computer software tools for industrial production sectors of metallurgy, mechanics, heat treatment and foundry.

Edition & integration software management and supervision of industrial machinery. Edition and integration of MES.



# SOLO Swiss since 1945



SOLO was founded in 1945 by Mr. Käsermann and Mr. Sperisen. SOLO is still a family owned company, managed by the third generation.

Its headquarter is located in Bienne close to Bern. SOLO manufactures its furnaces in Porrentruy (Switzerland).



## About us

### SOLO Swiss Group manufactures advanced industrial furnaces for the heat treatment of metals.



Product design, research and development are carried out in-house. SOLO Swiss is focused on customer service and can provide a worldwide service for repairs and maintenance. The entire SOLO products range is powered by Axron Softwares developed in-house by Axron Swiss Technology SA, a division of the Group.

SOLO is a responsible company and is committed to sustainable development, good corporate governance and sound business ethics.

SOLO Swiss offers atmosphere furnaces, batch furnaces, bell-type furnaces, continuous furnaces, mesh belt furnaces used in variety of heat treatment processes (Carburizing, Hardening, Tempering, Annealing, Austempering, Nitriding, Brazing, Carbonitriding, Sintering, Nitrocarburising, Oxinitriding, Quenching).

SOLO Swiss furnaces are well suited for the treatment of the small complex metallic parts requiring an enhanced heat treatment and reduced distortion. Parts include: springs, clips, fasteners, coins, needles, hooks, ball bearings, parts for the aeronautics, cutlery, watch-making industry, micro mechanic, as well as, long parts for which the bell furnace is most suitable. In all these fields, SOLO Swiss Group's customers have been amongst the most renowned industries for more than 50 years.



Automotive



Machines



Watches & Jewellery



Tools



Cutlery



Electronic



Micromechanics



Coins & Medals



## Contact



**SOLO Swiss SA**  
Grandes-Vies 25, 2900 Porrentruy – Switzerland

TEL +41 32 465 96 00  
FAX +41 32 465 96 05

**mail@solo.swiss**  
**www.solo.swiss**

**mail@borel.swiss**  
**www.borel.swiss**