BOSIO was established in 1990, and built a strong professional know how for more than 20 years in order to produce custom made furnaces and industrial kilns. Our expert team is at your service to study, design and manufacture according to the specific needs in a wide range of industries such as: steel industry, automotive industry, oil and gas industry, aerospace, power, energy, rail, marine, mining, shipbuilding and construction equipment. We propose the best solution for electrical or gas furnaces and we have the possibility to renovate old furnaces including the computerized regulation and control of thermal process. We believe that innovation, quality, efficiency, reliability, trust and environmental safety are the keys for long term trading relationship. We established our furnaces worldwide: India, Russia, Austria, France, Ukraine, USA, Saudi Arabia, Germany,…

We produce:

**Gas and electrical heated furnaces and kilns**
- furnaces and kilns for heat treatment (hardening, tempering, annealing, normalising …)
  - without protective atmosphere
  - with protective atmosphere
- furnaces and kilns for aluminium industry
- furnaces and kilns for ceramic industry
- drying furnaces
- furnaces and ovens for heat treatment up to 600 °C (with fans)
- temperature holding kilns for liquid aluminium
- kilns and conveyor belt furnaces for glass industry
- laboratory kilns

**Industrial washing machines**
- chamber vacuum washing machines
- chamber washing machines
- conveyor belt washing machines

**Regulation and control of thermal process**

**Reconstruction of old furnaces**

**Service and maintenance**
Heat Treatment

gas heated bogie hearth furnace - 34 m³ - 1200°C

gas heated bogie hearth furnace - 47 m³ - 1100°C

gas heated bogie hearth furnace - 12 m³ - 1200°C
gas heated furnace - 22 m³ - 950°C

gas heated bogie hearth furnace - 70 m³ - 1200°C

gas heated bogie hearth furnace - 3 m³ - 1100°C
Heat Treatment

gas heated bogie hearth furnaces – 59 m³ – 1200°C

electro heated furnace - 56 m³ - 1200°C

gas heated bogie hearth furnaces – 59 m³ – 1200°C
Heat Treatment

manipulator XYZ - 13m - 60 tons

manipulator XYZ - 16m - 20 tons

gas heated chamber furnace - 6m³ - 1300°C

gas heated chamber furnace - 6m³ - 1300°C
Pit Furnaces

- Electro heated pit furnace - 175 tons - 22 m load height - 1100°C

- Electro heated split type furnace with spray quenching unit

- Gas heated chamber furnace - 6m³ - 1300°C

- Manipulator XYZ - 16m - 20 tons
Protective Atmosphere

electro heated pit furnace (controled atmosphere) - 9 m³ - 950°C
pit furnaces

hanging system

electro heated chamber furnace with rapid cooling (controlled atmosphere)

nitriding and annealing
Aluminium Industry

gas heated oven - 15 tons - 250°C

gas heated oven - 12 tons - 250°C

electro cabinets

Aluminium Industry

gas heated furnace - 5 tons - 550°C

gas heated furnace and cooling chamber - 20 m³ - 450°C
Tunnel Furnaces

gas heated tunnel furnace - 12 x 28 m - 250°C
Ceramic Industry

gas heated bogie hearth furnace - 5m³ - 1300°C

gas heated chamber furnace - 6m³ - 1350°C

electro heated chamber dryers - 8m³ - 250°C
Reconstruction & Modernization

reheating gas heated furnace for ingots

burners with rekuperator

reconstructed gas heated tunel furnace - 5m x 60m - 1300°C
Washing Machines

vacuum washing machine

conveyor belt washing machine
Process Control System
Production of industrial furnaces and washing machines

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