

## INVESTMENT CASTING: **FURNACES FOR FIRING & PRE-HEATING MOULDS**

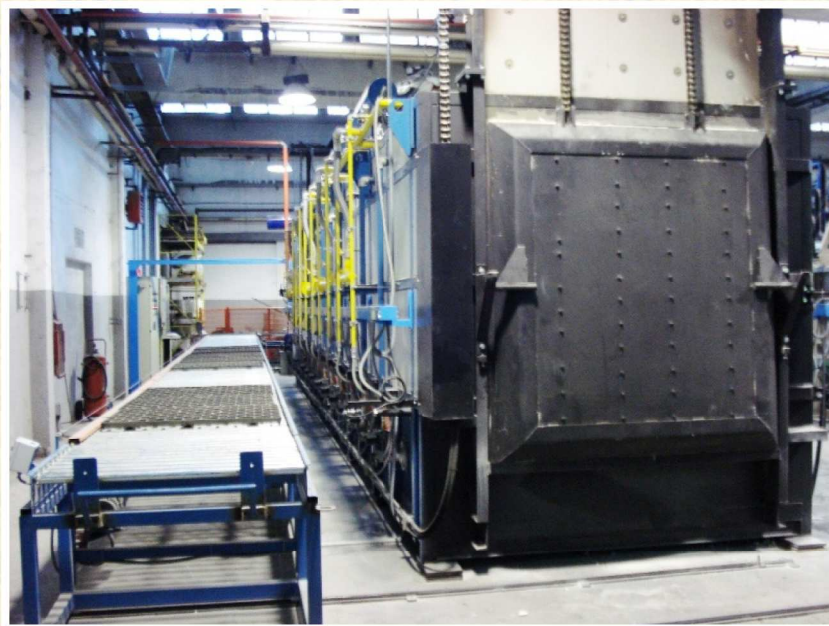
OVER THE PAST 25 YEARS **SOLAR IMPIANTI** HAS DESIGNED AND PRODUCED GAS AND ELECTRIC FURNACES FOR DE-WAXING, SINTERING AND PRE-HEATING OF MOULDS FOR THE LOST WAX CASTING PROCESSES.

OUR TECHNOLOGY SOLUTION INCLUDE:

- PUSHER TUNNEL FURNACES (SHELLS ON REFRACTORY STEEL PLATES)
- BOGIE-HEARTH FURNACES
- FIXED-HEARTH FURNACES

TEMPERATURE RANGE (ABOVE 1200°C), AND PLANT LENGTH, WIDTH AND GENERAL ARRANGEMENT, ARE STUDIED FOLLOWING THE CUSTOMER'S SPECIFIC REQUIREMENTS.

THE FURNACES ARE OF MODULAR CONSTRUCTION (WITHOUT FOUNDATION), AND EACH ONE IS PRE-ASSEMBLE IN **SOLAR IMPIANTI**, PRIOR TO SHIPPING AND START-UP IN ANY PART OF THE WORLD.



**EXTRA LARGE  
TUNNEL FURNACE**



**SHELLS ON  
REFRACTORY  
STEEL PLATES**

SOLAR IMPIANTI  
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PREHEATING  
FURNACE  
CASTING FC

OUR EXPERTISE IN MANY INVESTMENT CASTING FOUNDRIES HAS ALLOWED US TO IMPROVE UPON THE TECHNOLOGY AND ACCESSORIES FOR OPTIMIZING PRODUCTION, REDUCING FUEL CONSUMPTION, POLLUTION, AND MAKING WORK EASIER AND SAFER FOR THE OPERATORS.

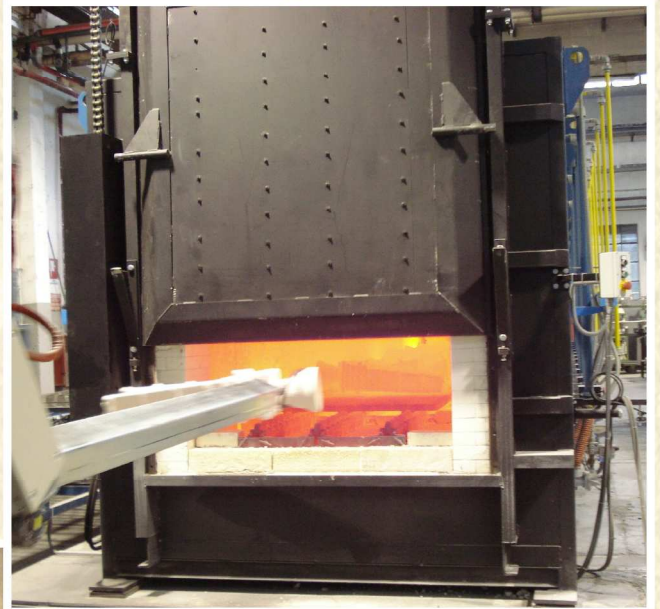
OUR CATALOGUE OFFERS ADVANCED SOLUTIONS USING:

- HEAT EXCHANGERS
- AFTER-BURNERS
- CUSTOMISED SOFTWARE FOR MANAGING WITH ON-LINE ASSISTANCE
- HIGH EFFICIENCY BURNERS AND HEATING SYSTEMS
- MOULD PNEUMATIC MANIPULATORS
- CONVEYOR AUTOMATION SYSTEMS

LEADING ITALIAN AND INTERNATIONAL COMPANIES WORKING IN THE FIELDS OF AERONAUTICS, ENERGY, ORTHOPAEDICS AND ART WORK SPECIFY **SOLAR IMPIANTI** FURNACES FOR THEIR FUTURE DEVELOPMENTS.



**FIXED - HEARTH  
FURNACE COMPLETO  
OF AFTER-BURNERS**



**PRE-HEATED MOULDS  
UNLOADING**



**PREHEATING PUSHER  
TUNNEL FURNACE**

**SOLAR IMPIANTI**  
S.R.L.

