

Realistic

SINCE 1927



REALISTIC, a.s.

Specialist on industrial furnaces

Quality, tradition, reliability, all this and more you will find in our company.

Guarantee service
within 48 hrs

Certification ISO 9001



Turn-key delivery

Motto

*We know no obstacles in designing
the heat treatment equipment...*

FOUNDED IN 1927



With the name Realistic you buy:

- ✓ Quality proven products
- ✓ Technological support
- ✓ Design according to specification
- ✓ Top service

ISO 9001

BUREAU VERITAS
Certification



Board of Directors:

<i>Charman of the board of directors</i>	<i>Ing. Tomáš Egermajer</i>	<i>Executive director</i>
<i>Member of the board of directors</i>	<i>Ing. Eduard Škivra</i>	<i>Commercial director</i>
<i>Member of the board of directors</i>	<i>Roman Zelenka</i>	<i>Head of service</i>
<i>Member of the board of directors</i>	<i>Mgr. Lenka Slunská</i>	
<i>Member of the board of directors</i>	<i>Ing. Vladimír Novotný</i>	<i>Economic director</i>

The word of company management:

„For unique and non-standard technologies, it is not possible to use simple or better furnaces, but special technologies need to be developed to meet both customer requirements and requirements defined by standards ČSN and EN.“

Complex and special technologies

technologies for temperatures up to 1200 °C

Quenching

Annealing

Tempering

Protective atmosphere

Chamber furnaces



Continuous furnaces with belt conveyor for chemical-heat treatment



Continuous furnaces with roller conveyor for chemical-heat treatment

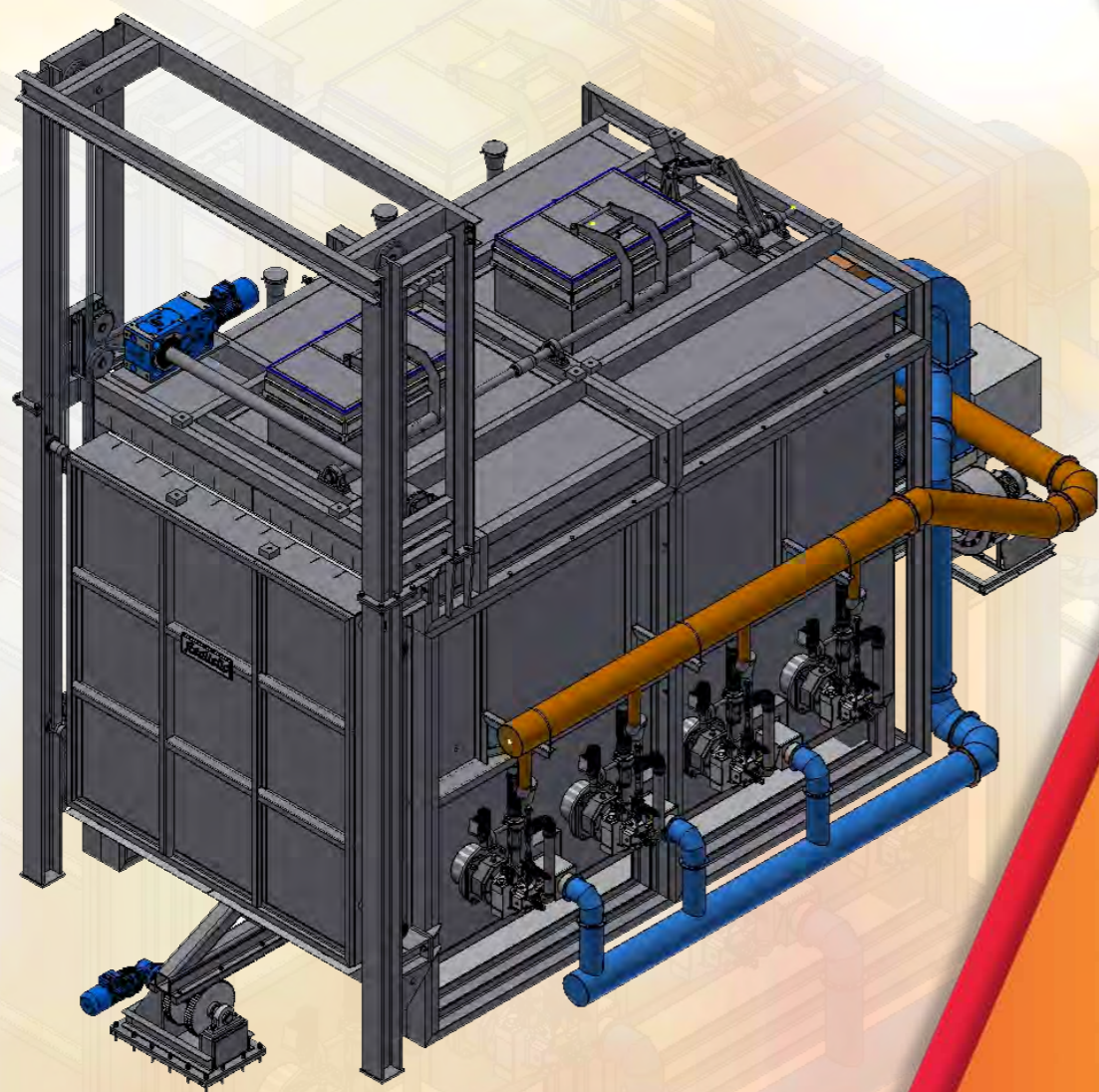


Heat treatment lines



Heat treatment

technologies for temperatures up to 1200 °C



- Heat treatment of steel
- Chemical-heat treatment
- Heat treatment of aluminum
- Drying and preheating

Shaft and bell type carburizing and nitriding furnaces



Car-hearth furnaces



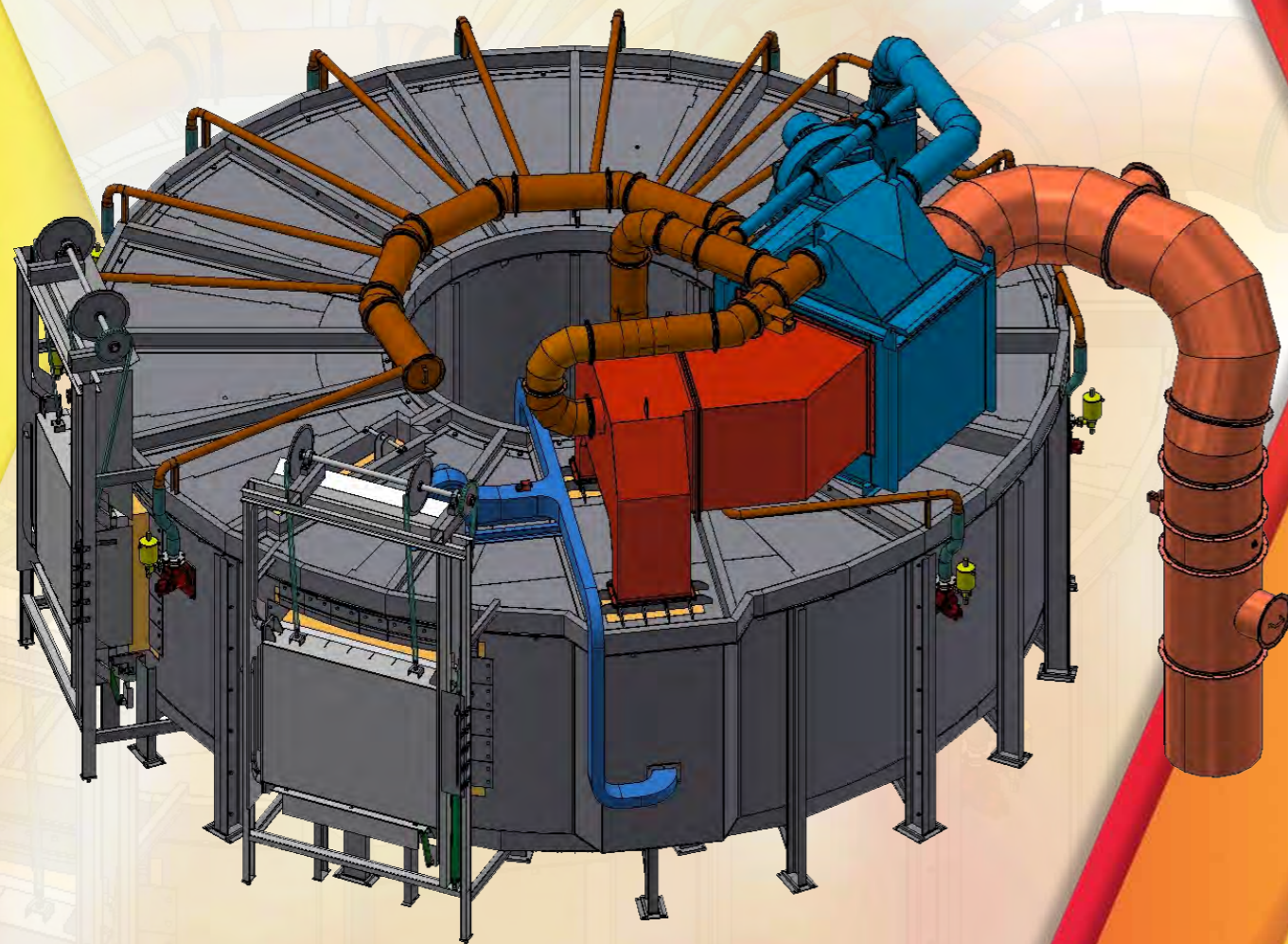
Continuous furnaces with roller conveyor

Chamber furnaces and quenching tanks



Forging

technologies for temperatures up to 1280 °C



Preheating before forging

Heat treatment

Direct heat treatment

Preheating of dies

Rotary hearth, chamber and car-hearth furnaces for preheating before forging

Furnace for heat treatment



Equipment for direct heat treatment

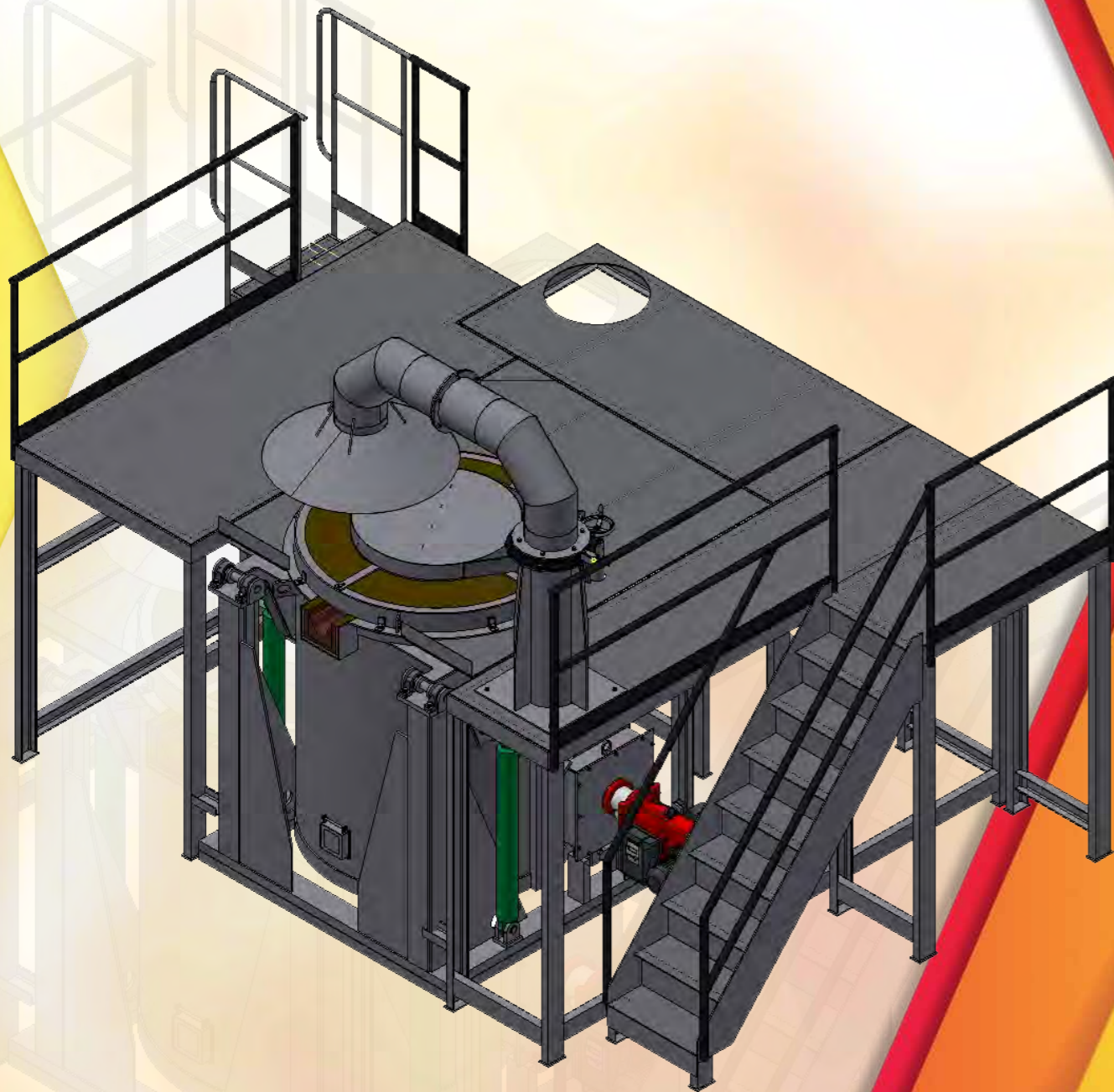


Chamber and car-hearth furnaces for preheating dies



Foundry

technologies for temperatures up to 1300 °C



Gas heated melting furnaces

Holding furnaces

Rotary furnaces

Precision casting equipment

Gas heated melting furnaces



Equipment for precision casting



Rotary furnace



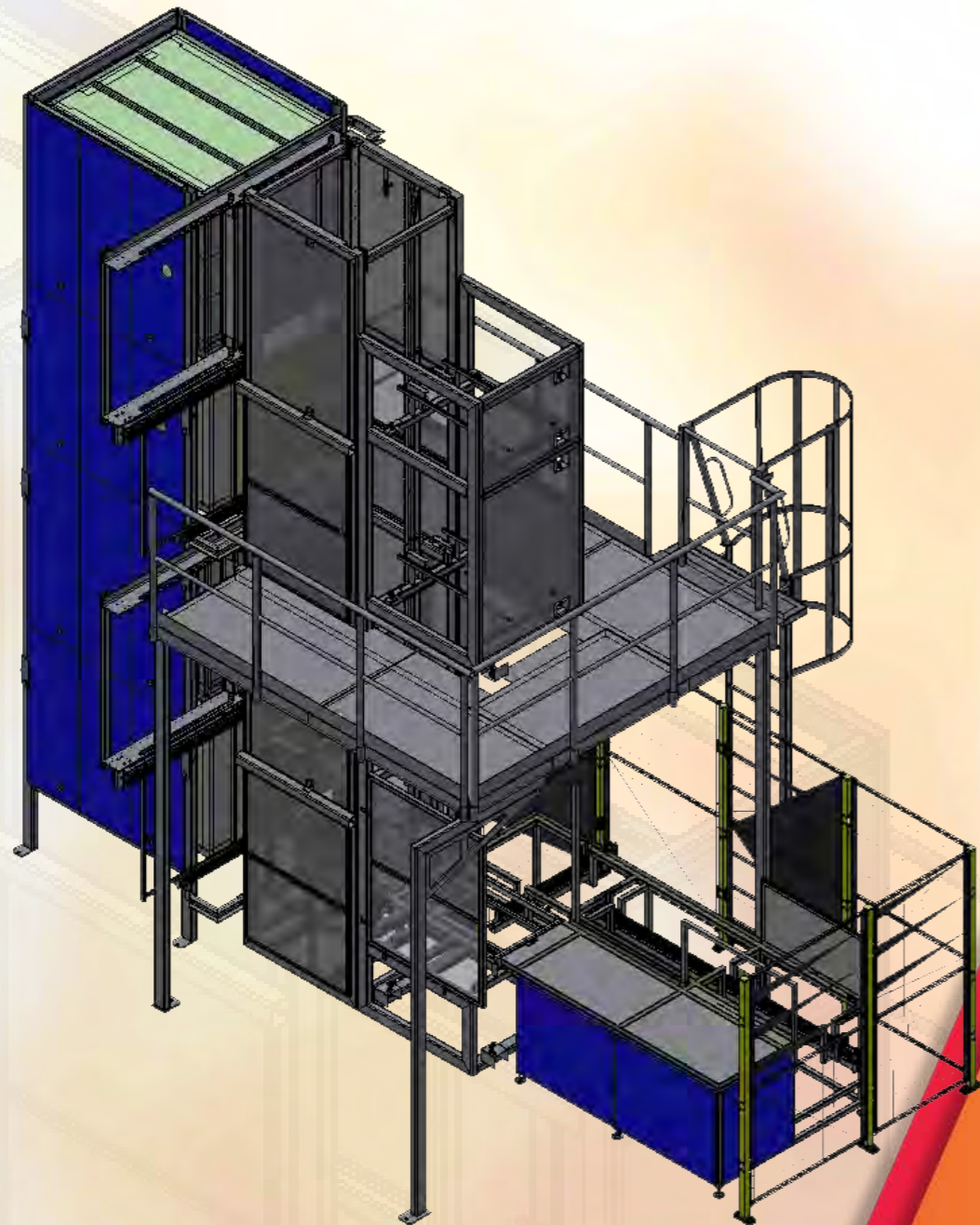
Holding furnaces for low pressure casting

Induction furnaces



Automotive

technologies for temperatures up to 500°C



Preheating

Curing

Special processes

Drying, firing



Continuous furnace for drying

Chamber drying furnaces



Continuous furnaces with roller conveyor



Equipment for curing



Porcelain and ceramics

Bisque firing

Glaze firing

Decor firing

Drying



Chamber kilns

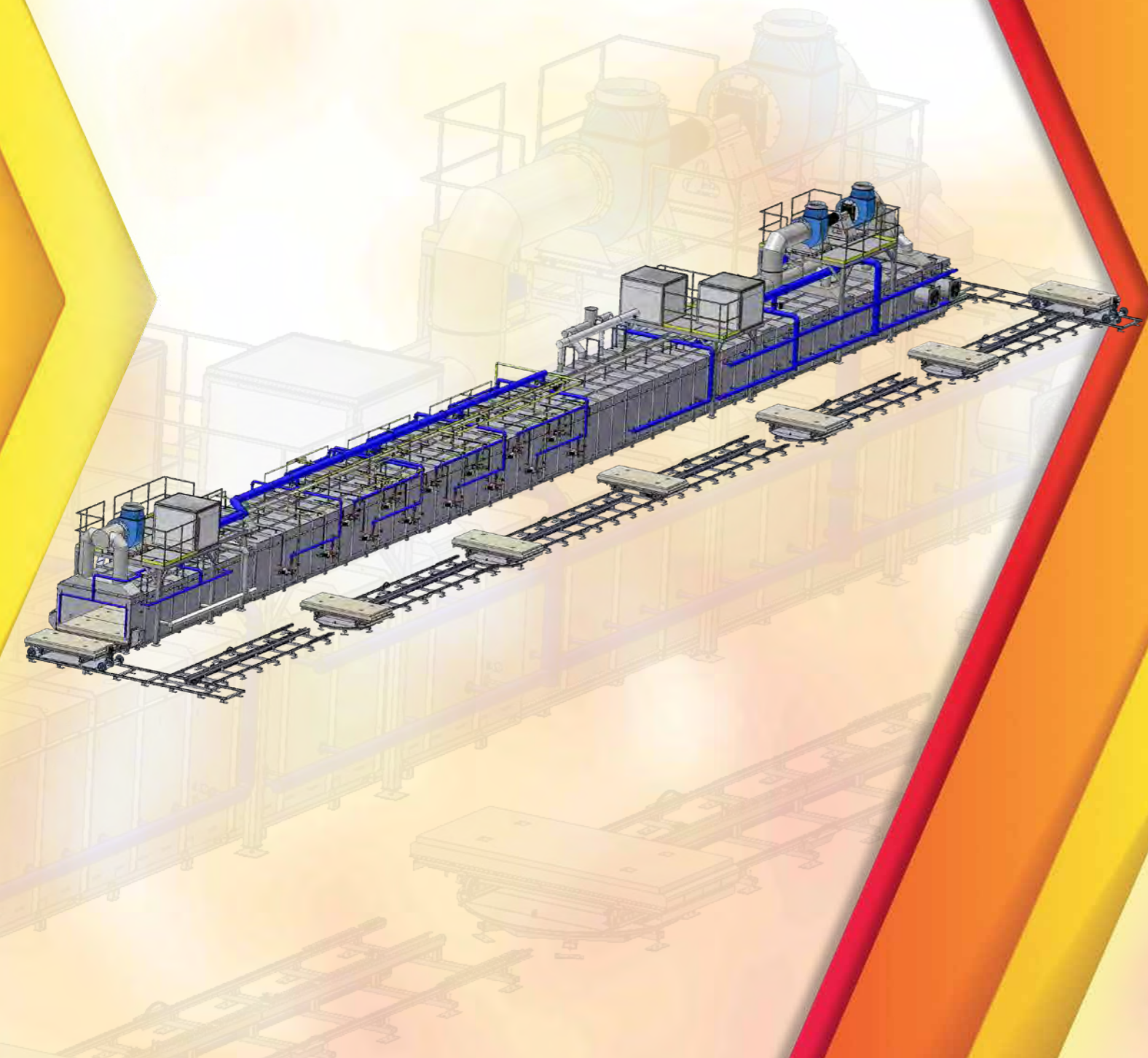


Kilns with roller conveyor

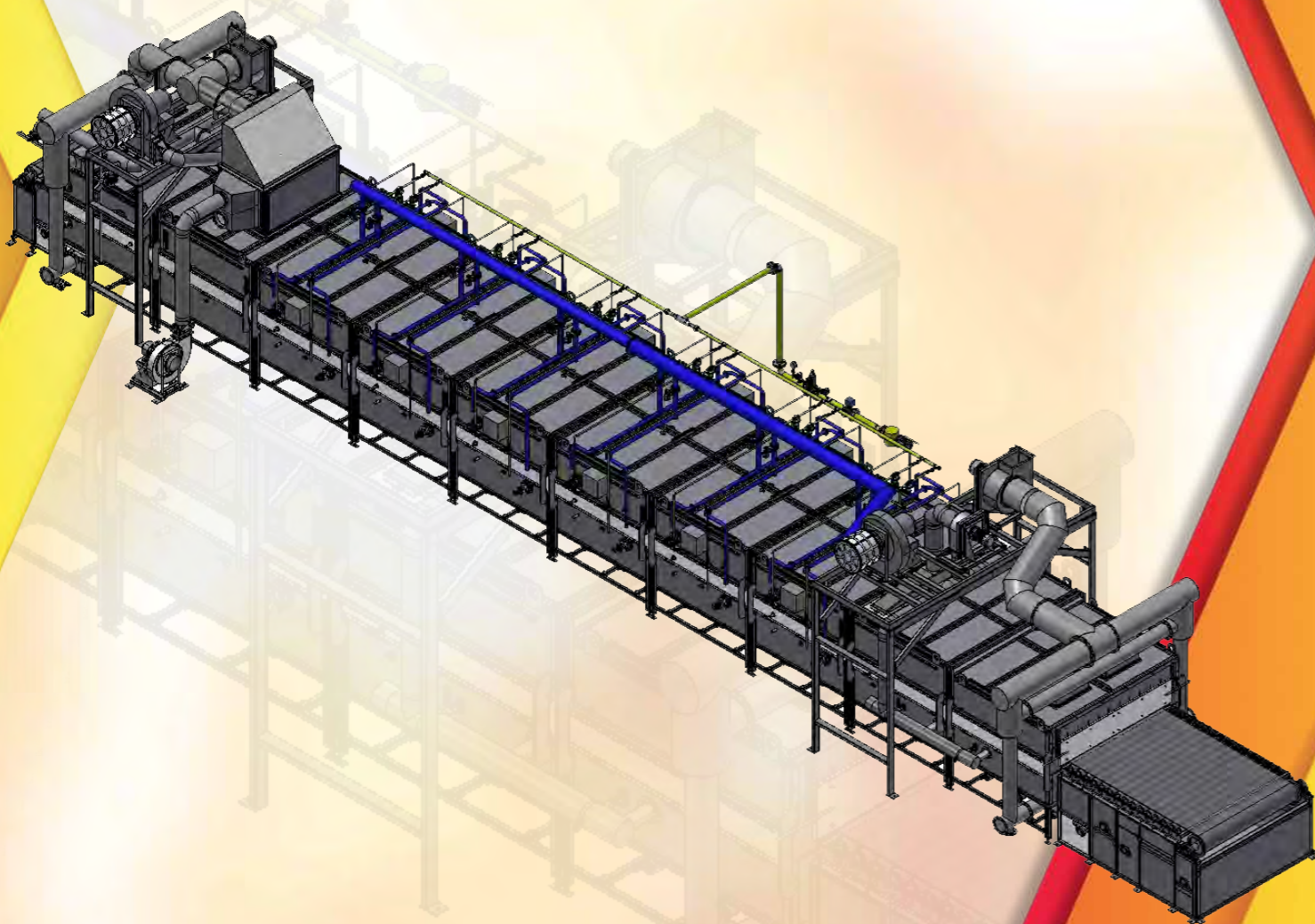


Tunnel kilns with cart

Technologies for technical ceramics



Glass and brics



Glass cooling

Decor firing

Kilns for tempering

Bricks drying and firing



Chamber
tempering kilns

Chamber kiln
for decor firing



Chamber kilns
for glass cooling



Car-hearth kilns



Accessories

Quenching tanks

Conveyors

Manipulators

Automatic control systems

Technological washing

Baskets and fixtures



Automatic control systems



Manipulator



Conveyors



Quenching tanks

Services

Service

Spare parts

Repairs

Holders

Service:

- Warranty and post warranty service
- 2 years warranty as standard
- Temperature uniformity survey of furnace work space (at up to 20 points) – authorized protocols
- Electro revision (default, periodic)
- Gas revision
- Maintenance staff training
- Operators training

Spare parts:

- Spare parts supply for minimum 10 years guaranteed
- Based on service contract, spare parts can be kept on stock

Repairs:

- Medium repairs and complete overhauls
- Modernizations of furnaces – lowering energy consumption,
- Modernization of control system
- Furnace insulation– new insulation, insulation repairs

Holders:

- High dimensional and shape accuracy
- Smooth and closed surface
- Dense and homogeneous shards
- Good resistance to sudden temperature changes



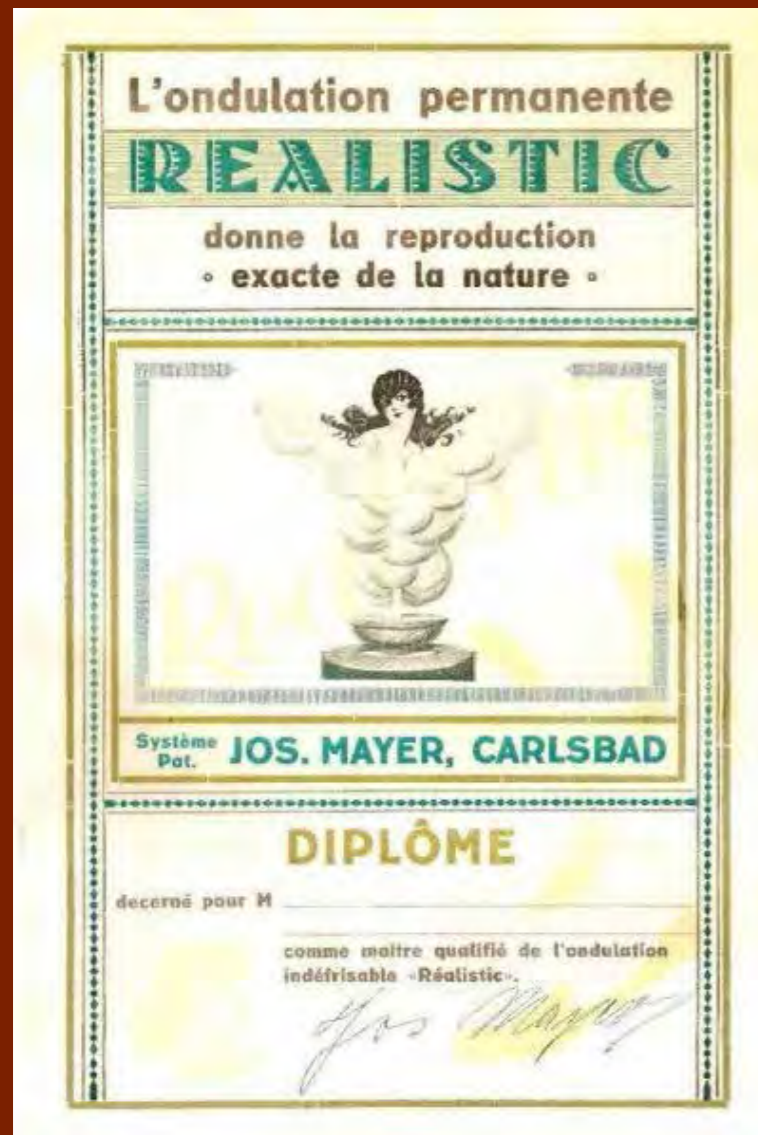
History

History

Present-day

ISO

Reconstruction



„Realistische Dauerwellen“

In 1926 the hairdresser Josef Mayer (1881 – 1952) rented a room in the house No. 1120 and established a shop there. Nobody knew at that time that he had founded a shop which would again a reputation in the whole world within a few years and that every woman in the civilized world would know its name: Mayer – Realistic. Josef Mayer started the production of a special apparatus by means of which a perm was made. The apparatus made use of electricity and it was a real breakthrough in the world of fashion. It took almost six hours to put permanent waves into hair when the hairdresser used the classical chemical process. Mayer's apparatus made the whole process shorter (1,5 hour) and, at the same time, reduced its price so much that the sea of permanent waves spread over the heads of women all over the world within a short time. Mayer's business flourished and became so popular that in 1927 he had to dismiss the staff because somebody, who was probably initiated by a competitor, tried to sabotage the production. No wonder – other hairdressers protested saying that the price of the perm made by Mayer's apparatus should be raised or which would even be better – his method should be forbidden. Yet the desire of every woman for beauty saved him and brought him to Olympus of the world of hairdressers – it was as early as in the January of 1927 that he won the first prize for his invention at the international contest of hairdressers in New York. Mayer was very popular in America. One of the streets in Cincinnati (Ohio) was named Realistic Avenue after his business. Even his evacuation from Czechoslovakia, which he had to leave in 1946, did not break him. Up to his death in 1952 he was often seen among top hairdressers.

After privatization in year 1996 company Realistic s.r.o. follows up its production of devices designed for all industrial areas with main focus on forges and foundries, but also on automotive and aerospace industry. The company has dynamically expanded and since year 2001 became joint stock company.

Since year 2004 the company is holder of quality certificate ISO 9001.

In 2009 there was a reconstruction of the premises with support of OPPI.

In 2011, there was a reconstruction of office space for company management and for the business and technology department.

In 2018, the ISO 9001 quality certificate was successfully recertified.



Furnace types

Electric Heating	Gas Heating	
CAB	PB	Rotary-hearth furnaces for various applications
CAC	PC	Crucible furnaces for melting of non-ferrous metals
CACD	PCD	Tilting crucible furnaces for melting of non-ferrous metals
CACT		Crucible furnaces for holding of non-ferrous metal- low-pressure casting
CAD		Crucible salt baths for steel hardening and other applications
CAE	PE	Chamber furnaces for various applications
CAEE	PEE	Two-chamber furnaces for various applications
CAF	PF	Stepping continuous furnace for various applications
CAH	PH	Continuous furnace with suspension conveyor
CAI	PI	Chamber drying furnaces
CAJ	PAJ	Continuous furnace with vibrating conveyor for various applications
CAK	PK	Shaft furnaces for various applications including chemical heat treatment
CAL	PL	Tunnel furnaces
CAM	PM	Bath furnaces for various applications
CAN	PN	Car-hearth furnaces for various applications
CAO	PO	Bell-type furnaces for various applications
CAP	PP	Push-through furnaces for various applications
CAR	PR	Rotary furnaces for various applications
CAX	PX	Special application (rapid quenching in aerospace industry, etc.)
CAY	PY	Continuous furnaces with roller conveyor

References





Where to find us?

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