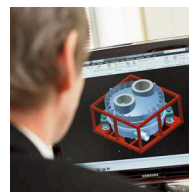


**Jasper**

Thermprocess.

Independent. Worldwide.









## Jasper. Focus on efficiency.

### The company.

Jasper is an owner-managed enterprise that develops highly specialised solutions for customers in the aluminium, zinc and steel industry as well as for local authorities. The focus of our activities is in industrial furnace engineering and firing systems, energy engineering as well as control systems and process control technology. We support customers worldwide from our German locations.

In more than 40 years, we have managed to transform a small engineering company specialising in process engineering into a global technological leader. We were only able to do this by consistently aligning ourselves to the needs of our customers. And because we always offer a holistic solution where the focus is on efficiency – in energy, economic and environmental terms.

In addition to our core competencies, we have increasingly expanded our technologies into the field of waste management. We now have a portfolio that enables us to support you in all areas – from consulting and analysis to project planning and turnkey handover, and more beyond!

Our strengths lie firstly with the expertise of our engineers and secondly in the reliability of our figures. We always work with authentic (!) energy-consumption values. Only then, you can calculate realistically.

Are you also interested in efficiency? Simply contact our experts for more information. We are looking forward to fulfil your needs.



### Contact:

Please direct all enquiries to the head office in Quickborn.

Industrial furnaces and combustion

Automation

Service

Miscellaneous

**1983** Foundation of the company by Robert Jasper

**1983** Market launch PulsReg®

**1994** Development of rotary slide valve

**2001** Representation in Russia

**1983** Hans Dieter Jasper joins the company

**1983** Market launch PulsReg®-Central

**1996** Development of EcoReg®, first patent granted





Major performance – we develop individual products in any size.

# Jasper. Versatile system engineering solutions.

➔ **Industrial furnace engineering.** Global leader: We develop industrial furnaces and firing systems with regenerator technology for the most varied applications – customized turnkey solutions designed to customer specifications from a single source.

➔ **Hot-dip galvanizing.** From preparation to hot-dip galvanizing to recycling - Jasper combines Walter KÖRNER know-how for the entire process chain of surfaces refinement with zinc.



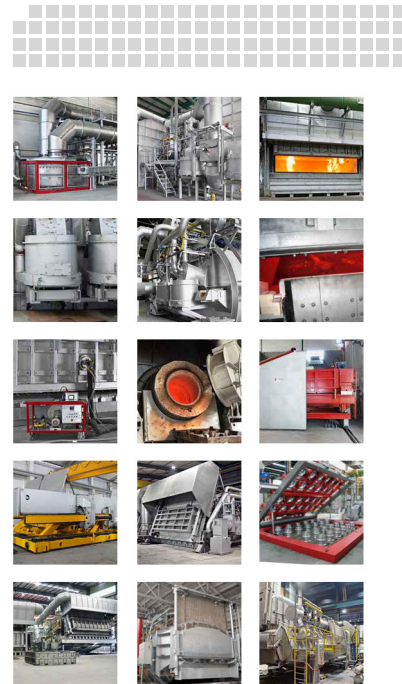
➔ **Regenerators.** Under control: Our rotating regenerators combine the advantages of recuperators with those of conventional regenerators – pure innovation.

➔ **Burner systems.** . Fire and flame: We construct highly specialised burner systems for practically every industrial application – for gas, oil or coal dust fuels.

➔ **Casting systems.** As if made from one piece: We develop customised casting machinery for round billets and rolling ingots. Our innovative foundry technology enables us to offer maximum levels of surface quality.

➔ **Waste treatment.** Clean performance: We develop individual concepts for waste and soil treatment for energy production.

➔ **Service.** Servicing, repairs and modernising – our service personnel ensure that your furnace systems speedily and reliably correspond to the latest technological standards.



**2006** Representation in China

**2006** Representation in Italy

**2007** Market launch PulsReg® - Medusa

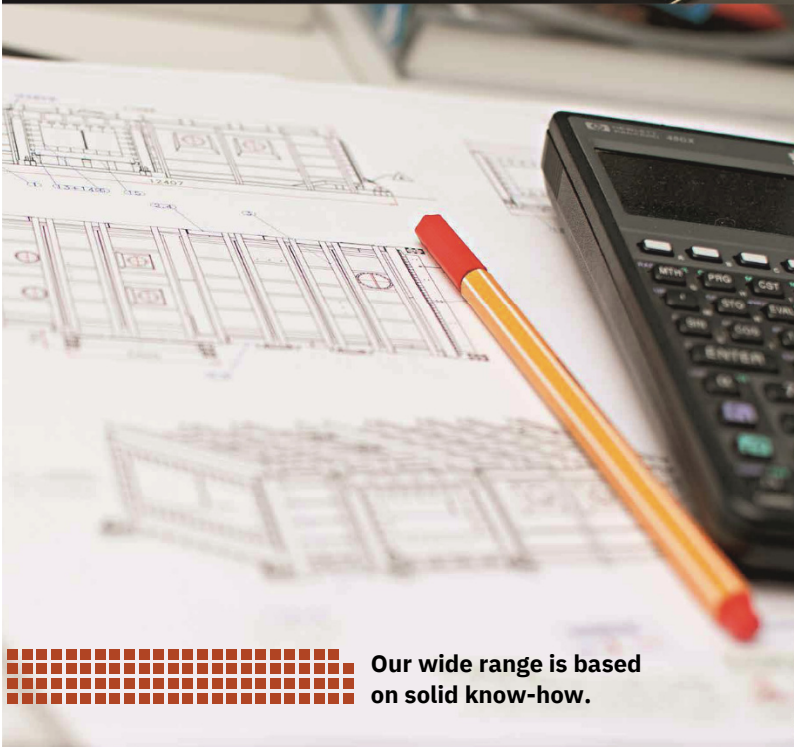
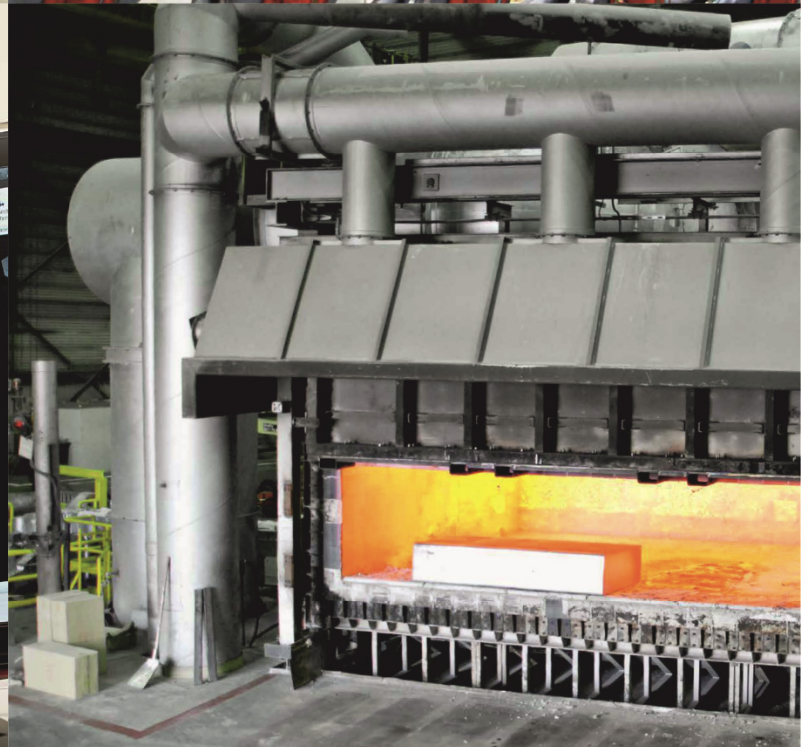
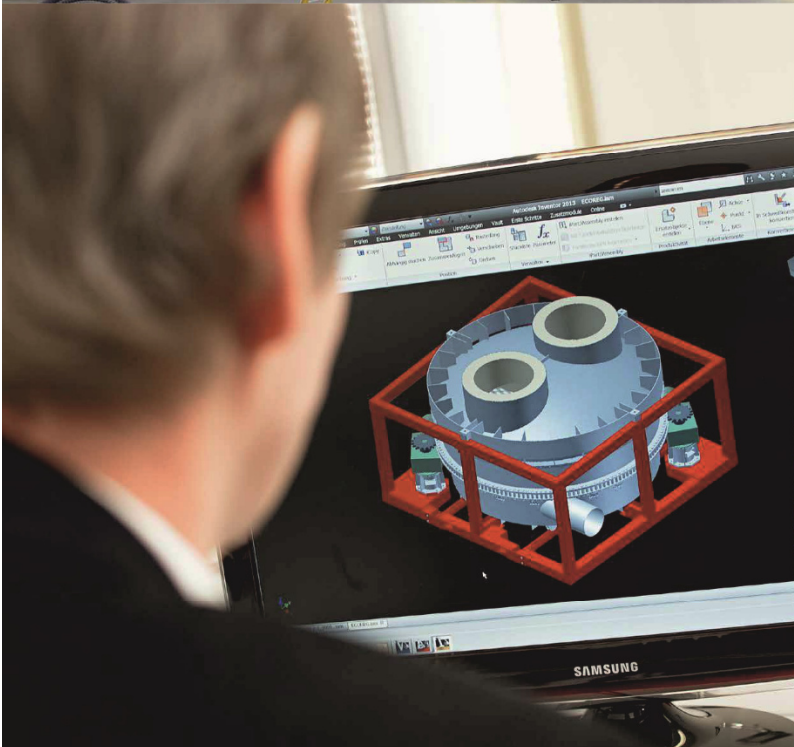
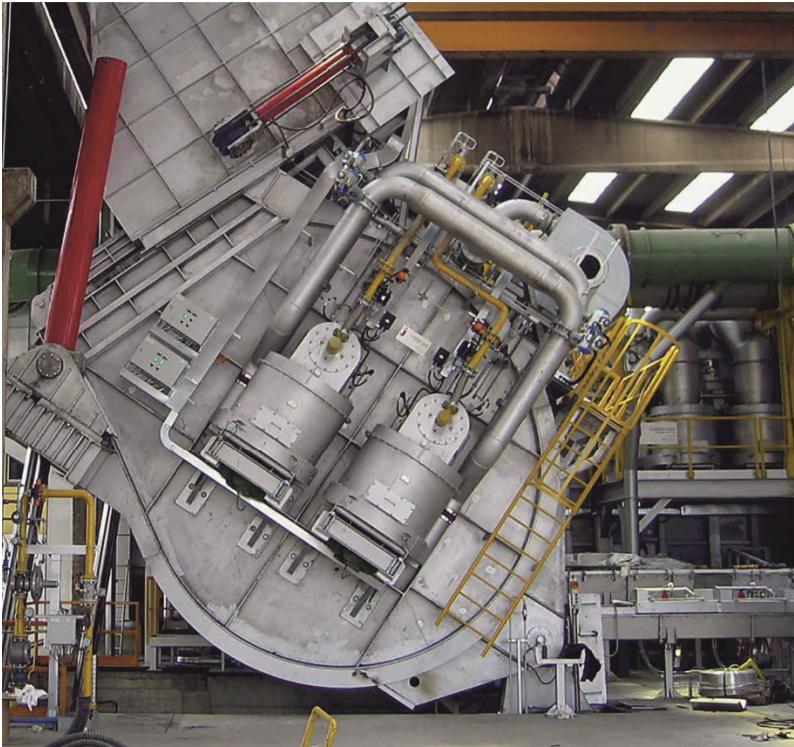
**2009** Start of production in own workshop

**2016** Product portfolio expansion: Ingot preheating station

**2017** Development of a fully automated homogenization center

**2018** Cobra® burner patent application





**Our wide range is based  
on solid know-how.**





## Jasper. Innovative products from a single source

### Applications: Thermal metal treatment and waste treatment.

We offer you a wide range of industrial furnaces and firing systems for all types of thermal processes. These specially developed and designed systems are extremely versatile for use in industry, for melting and smelting of metals as well as in procedural applications.

A further area of application is in thermal waste disposal. We develop individual concepts for waste and soil treatment for energy production. We work with the most appropriate technologies and processes, such as pyrolysis, hydro-thermal/sewage sludge treatment, soil treatment and waste incineration. Our goal is always to prepare the source materials as efficient and environmentally friendly as possible – and according to all legal emission guidelines.

You can count on our continued support even after implementation of your system. Our service for furnace systems means that you enjoy our competent support during maintenance work, repairs and conversion measures. Again, you benefit from our efficiency – through cost-effective spare parts, short delivery times and our know-how as a global technology leader.



### References

Our burner and furnace systems are in popular demand on an international level. Contact us if you would like an on-site inspection.

**Our expert staff will be happy to help you.**

**2019** Product portfolio expansion:  
hot-dip galvanizing

**2019** The PulsReg® is now also  
available with ContiFlame®

**2021** Development of hot air flat flame  
burner for hot dip galvanizing

**2021** Development of short shaft  
melting furnace with XXL shaft

**2022** Dry hearth heating patent  
application

**2023** Relocation of headquarter  
to Quickborn

**2023** Change of name

**Jasper. At your service – worldwide.**



## Head office

**Jasper GmbH**  
Thermprocess.  
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**2023** Expansion of production side  
in Quickborn

**2023** Anniversary

**40**  
YEARS  
JASPER

**2024** Foundation of Jasper USA

... to be continued