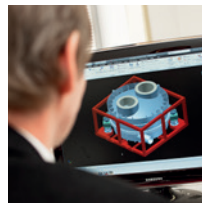


Jasper.

Industrial furnace engineering. Independent. Worldwide.





SCHMELZOFEN

Verbrennungsluft

Druck Reine Verbrennungsluft	7,6 mbar	7,6 mbar
Verbrennungsluft-Gebäse	1200 rpm	
Sollwert min:	2750 rpm	
Sollwert max:	2216 rpm	
SW Regler:	2714 rpm	
SW aktuell:		
Istwert aktuell:		

AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW Min:	35 %		
SW Max:	70 %		
SW Hand:	75 %		
SW Regler:	58 %		
SW aktuell:	58 %		
Istwert aktuell:	74 %		

Saugzug

Faktor	0,58	
Offendruck	+2,00 mmW	+1,64 mmW
Korrektur nach Offendruck		
Offset Druck min	33,5 %	
Offset Druck max		
OutReg 100%	0,00	
OutReg 0%	0,30	
Druckkorrektor		
Faktor mit Druckkorrektor	0,88	
Korrektur nach Abgastemperatur	170 °C	
Abgastemperatur	220 °C	1,00
Temp. Anlauf	240 °C	0,70
Temp. Ende		1,00
Temperaturkorrektor		
Faktor mit Druck- und Temperaturkorrektor	0,88	

Saugzuggelände

Sollwert min:	600 rpm	
Sollwert max:	1420 rpm	
Sollwert Regler:	1215 rpm	
Sollwert aktuell:	1215 rpm	
Istwert aktuell:	1215 rpm	

AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW Min:	27 %		
SW Max:	90 %		
SW Hand:	75 %		
SW Regler:	74 %		
SW aktuell:	74 %		
Istwert aktuell:	74 %		

Brenner 5

Freigabe des Brenners für die Regelung

Luftklappe	AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW aus:	5,0 %			
SW min:	33,0 %			
SW max:	67,0 %			
SW Start:	40,0 %			
SW Hand:	52,7 %			
SW Regler:	52,7 %			
SW aktuell:	52,7 %			
Istwert aktuell:	53,7 %			

Gasventil	AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW min:	35 %			
SW max:	40 %			
SW Start:	40 %			
SW Hand:	38 %			
SW Regler:	38 %			
SW aktuell:	37 %			
Istwert aktuell:	37 %			

Brenner 4

Freigabe des Brenners für die Regelung

Luftklappe	AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW aus:	5,0 %			
SW min:	33,0 %			
SW max:	67,0 %			
SW Start:	40,0 %			
SW Hand:	52,7 %			
SW Regler:	52,7 %			
SW aktuell:	52,7 %			
Istwert aktuell:	53,7 %			

Gasventil	AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW min:	35 %			
SW max:	40 %			
SW Start:	40 %			
SW Hand:	38 %			
SW Regler:	38 %			
SW aktuell:	37 %			
Istwert aktuell:	37 %			

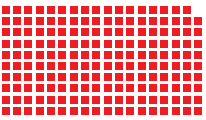
Brenner 3

Freigabe des Brenners für die Regelung

Luftklappe	AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW aus:	5,0 %			
SW min:	33,0 %			
SW max:	67,0 %			
SW Start:	40,0 %			
SW Hand:	52,7 %			
SW Regler:	52,7 %			
SW aktuell:	52,7 %			
Istwert aktuell:	53,7 %			

Gasventil	AUTO	HAND	ALUF	ZU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SW min:	35 %			
SW max:	40 %			
SW Start:	40 %			
SW Hand:	38 %			
SW Regler:	38 %			
SW aktuell:	37 %			
Istwert aktuell:	37 %			

- F1 Anlagentest
- F2 Setup Anlage
- F3 Rezepte
- F4 Diagnose
- F5 Dienst
- F6 Chargen-Protokoll
- F9 Alarme
- SHIFT F1 Login
- SHIFT F2 Logout
- SHIFT F3 e66 Passwort
- SHIFT F4 Deutsch
- F8 Changelog
- SHIFT F9 Channel Diag
- SHIFT F10
- F11 Trends
- SHIFT F11 Print screen



Jasper. Focus on efficiency.

The company.

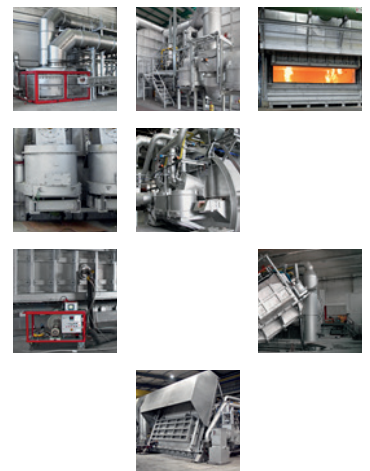
Jasper is an owner-managed enterprise that develops highly specialised solutions for customers in the aluminium, zinc and steel industry as well as for local authorities. The focus of our activities is in industrial furnace engineering and firing systems, energy engineering as well as control systems and process control technology. From our location in northern Germany, we serve customers worldwide.

In recent decades, 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 also 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 fulfill your needs.



1983 Foundation of the company by Robert Jasper

1988 Market launch PulsReg

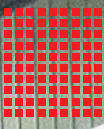
1994 Development rotary slide valve

2001 Representation in Russia

1983 Hans Dieter Jasper joins the company

1992 Market launch PulsReg - Central

1996 Development Eco Reg / first patent granted



Performance – individual products
in any size.



Jasper. Innovative products from a single source.

➔ **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.

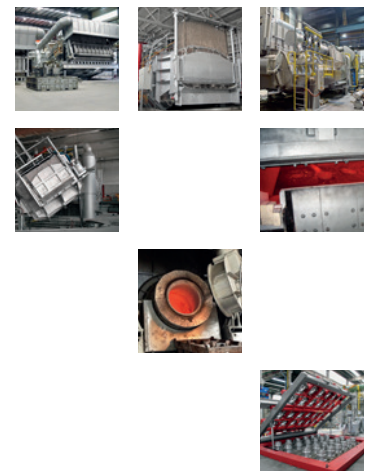
➔ **Burner systems.** Fire and flame: We construct highly specialised burner systems for nearly all industrial applications – for gas, oil or coal dust fuels.

➔ **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.

➔ **Energy engineering.** Cost reductions: As an independent partner, we can provide you with a neutral consulting service, and do everything possible to ensure optimum exploitation of your energy resources – and in turn reduce costs.

➔ **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

2007 Market launch PulsReg - Medusa

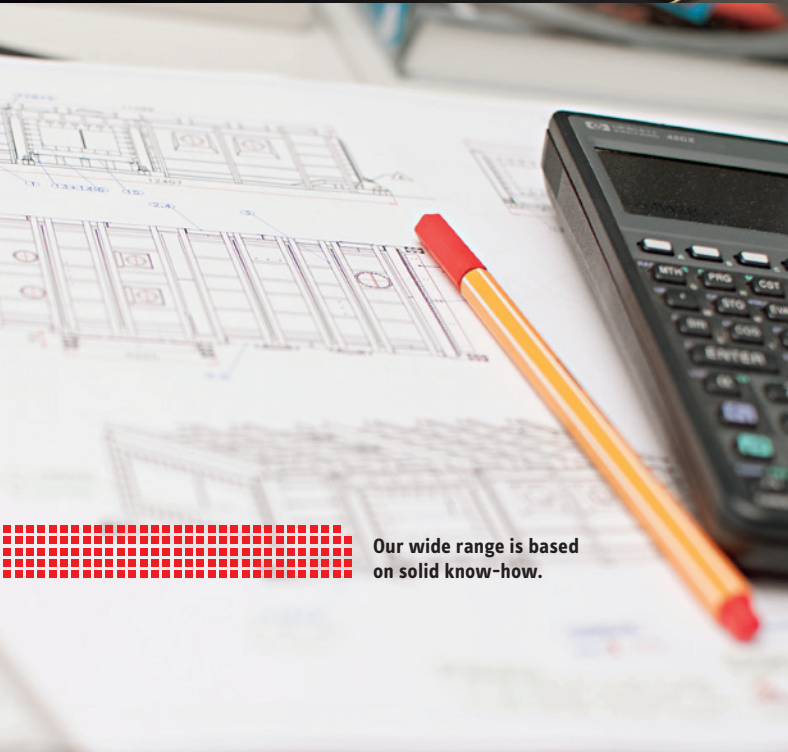
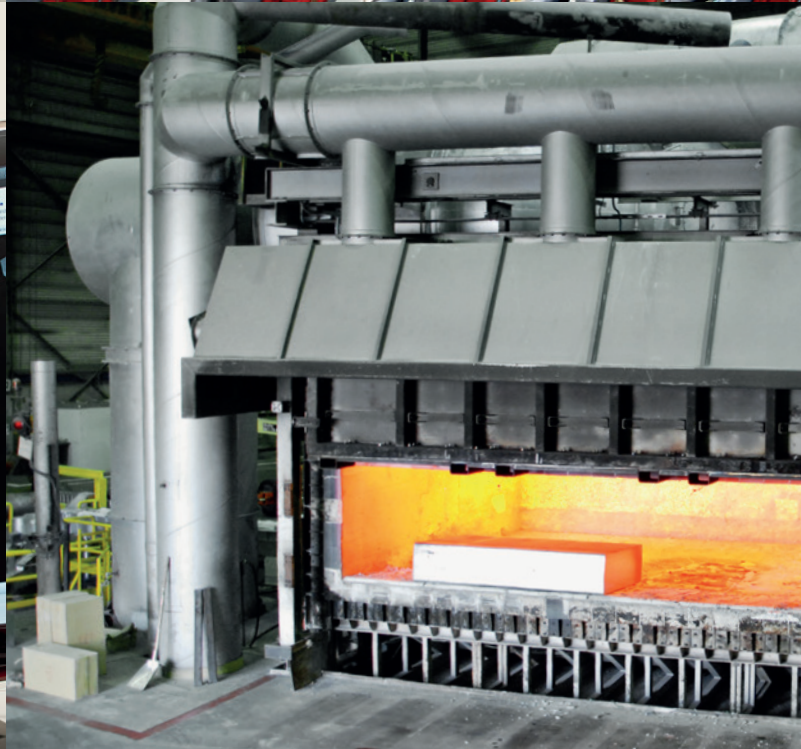
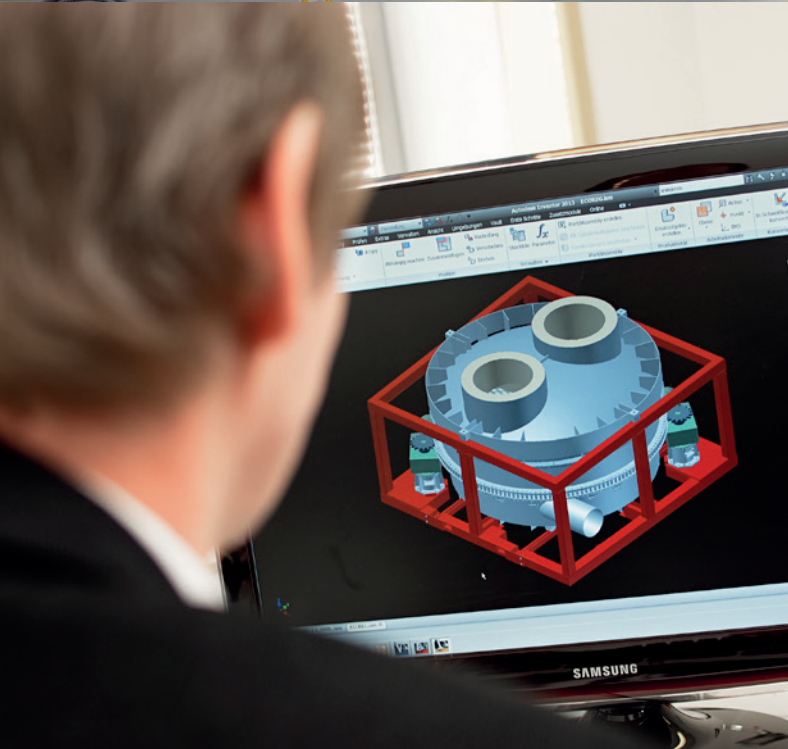
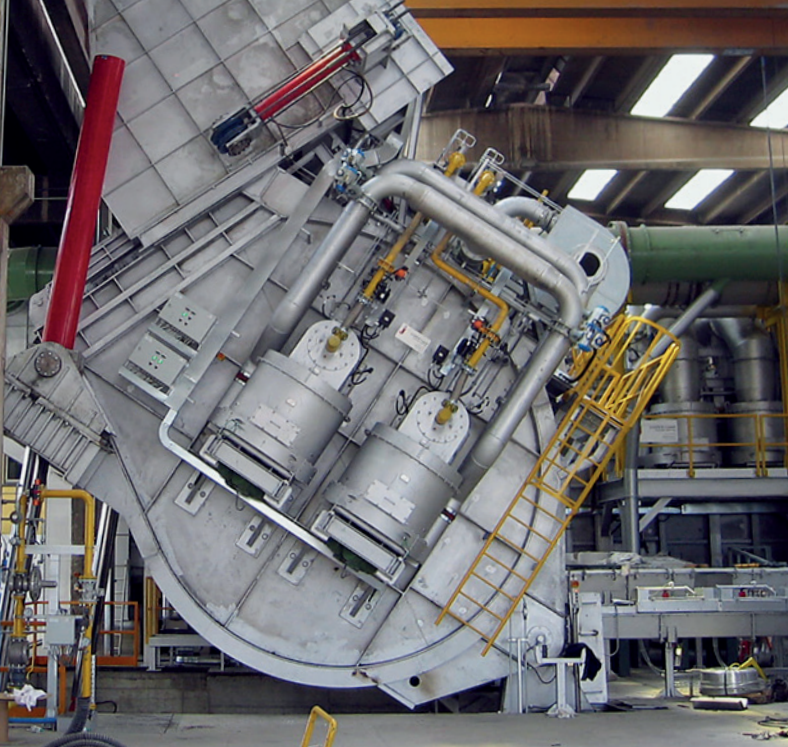
2016 Product portfolio expansion: Ingot preheating station

2018 Cobra burner patent application

2006 Representation in Italy

2012 Start of production in own workshop

2017 Development of a fully automated homogenization center



Our wide range is based on solid know-how.

A decorative graphic consisting of a grid of red squares, with some squares missing, creating a pattern that tapers to the right.

Jasper. Versatile system engineering solutions.

Applications: Thermal metal treatment and waste treatment.

We offer a broad range of industrial furnaces and firing systems for the thermal treatment of metals. 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.

2019 Product portfolio expansion: hot-dip galvanizing

2021 Development of short shaft melting furnace with XXL shaft

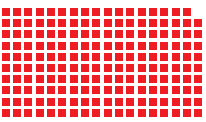
2023 Change of company name, relocation of headquarter to Quickborn

2023 40 years company anniversary

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

2022 Dry hearth heating patent application

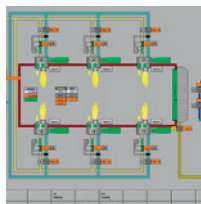
2023 Expansion of production side in Quickborn



Jasper. At your service – worldwide.



Take advantage of our network –
with our branches and partners we
can support you locally.



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