

This website uses cookies to improve the user's experience during working with our network and to provide users with dedicated services and functions. By further use you agree with that.OKDetails

Address	Vesta GmbH Marienstraße 7 46284 Dorsten
---------	--

Country	Germany
---------	---------

PRODUCTS OR MACHINERY

Services to the Glass Industry - VESTA heat performance - Temperature management 'Made in Germany'

Our technicians are highly skilled and experienced specialists in tempering float baths, container and pot furnaces, as well as furnaces used in manufacturing special custom articles and glass fibre products.

Our record so far:

- Cooling down, Heat-up and Cullet filling on over 70 glass furnaces,
- Glass tapping and draining on over 70 glass furnaces,
- Regenerator cleaning on over 40 regenerator chambers,
- Installing and optimizing Low NOx burner lances (Holger Köditz since the mid-1990s)

Direct communication with our clients is of the utmost importance for us. To simplify decision-making, minimize risks and find solutions speedily, we can be contacted at any time.

Draining of glass furnaces

In cases of glass bath or trough repairs, VESTA specialists drain them in a controlled way, using special drain channels and, if required, water recycling systems and scrapers as well as cooling basins.

Cooling and heating of glass furnaces

Specially designed and regularly optimized burner technology is used to cool and reheat glass baths/troughs. We monitor these processes with our perfected control and safety systems.

Control of regenerator and furnace steel anchorage

Our most experienced technicians – supported by engineers J. Meinig and H. Köditz and, in the case of float baths, by other specialists (metalworkers in particular) – monitor anchorage expansion and contraction and adapt it in need. Should the anchorage material or structure show any unusual behaviour, we are able to deal with any problems immediately.

Cullet filling

Prior to operating a new glass bath for the first time, or after repairing an old one, we (re)fill it with cullet, up to a certain level, using a blower and a wet-cullet dosing feeder, or else a vibrating channel to sift out ultrafine particles and dust to reduce damage to the combustion chamber walls to a minimum and safeguard faultless glass products.

Temperature hold without production stoppage through oxy firing

This procedure makes it possible to continue production at a reduced rate of approx. 70–80% during chamber repairs.

Installation of bubblers and electrodes

VESTA naturally also carries out drilling operations, under normal production, on baths and furnace crowns to install additional thermocouples, bubblers or electrodes.

Regenerator cleaning

The process of thermally cleaning of regenerator chambers entails melting off sulphate residues from chamber wicket walls using burners so as to restore the free flow of gas and combustion air into and out of the chambers.

Furnace equipment

Consulting and design services to optimize clients' combustion systems

Low NOx burner technique on glass furnaces

- gas-fired furnaces
- oil-fired furnaces
- mixed fuel-fired furnaces
- oxygen-fired furnaces

Spare parts for furnaces

VESTA burner systems
burner systems by other manufacturers (if/as agreed)
burner systems by other manufacturers (site measures permitting)

Gauge systems for continuous measuring of waste gas emissions for melting furnaces

Fuel supply systems

gas stations
domestic fuel stations

Measuring and control systems for glass furnaces

Company Profile of Vesta GmbH

A service of glasssglobal.com, an affiliate of glasssglobal group.

The address material you printed out is copyright and belongs to the Company or to its third party Marketing Agency, and all rights are reserved. Any User who accesses such material may do so only for its own personal use, and the use of such material is at the sole risk of the User. Redistribution or other commercial exploitation of such address material is expressly prohibited. Where such address material is provided by a third party, each User agrees to observe and be bound by the specific terms of use applying to such news material. Glass Global does not represent or endorse the accuracy or reliability of any of the info contained in any address or external websites referred to in this printout. www.glasssglobal.com - The International Portal to the Glass Industry - OGIS GmbH