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Country	Germany
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Email	Get in contact with STG Combustion Control GmbH & Co KG
Internet	<a href="http://www.stg-cottbus.de">www.stg-cottbus.de</a>
Employees	50
Certificates	SIEMENS Solution Partner, SIEMENS Industry Partner Glass
Year founded	1990
Associations	HVG, DGG

## CONTACT PERSONS

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## PRODUCTS OR MACHINERY

Supplier for Heat technology, Sensors, Process control and process optimisation for industrial furnaces:

Hot End Process Control Systems  
DeNOx-Technology consisting of :  
 - Oxygen probes and Lambda control  
 - DeNOx Natural Gas and Heavy Oil burners  
 - Optical Melting Control  
 - Technology for optimisation of combustion air distribution (Air Curtain System)  
 Strategies for rational use of energy  
 Thermotechnical analyses  
 Furnace pressure measurements  
 Air volume measurement of combustion air  
 optical cable assembly  
 In preparation: Supply of thermo elements

## COMPANY BACKGROUND / HISTORY

Three chemical engineers, who have known each other since college, have founded STG Cottbus in early 1990 in Cottbus, Germany. With January 01, 2012, almost 22 years after foundation of legal form as GmbH, STG has restructured: New company "STG Combustion Control GmbH & Co KG" takes over the businesses of GmbH and will be your partner for the future.

As an innovative and technology-oriented engineering company STG now has a staff of more than 50 engineers and employees developing solutions for

- energy savings and NOx-reduction
- progressive burners
- sensor technology
- innovative automation and process control systems

not only in Germany but in more than 30 European and overseas countries.

Traditionally STG finds its customers mainly in glass industry, but also in ceramic and metallurgic production.

### Scope of supply and services:

#### - Furnace Process Control

- CAD-Planning
- Assembling of electrical cabinets
- Field installation
- Programming of DCS
- Visualisation
- Installation and Start up of Hard-and Software
- Training and instruction of customer's staff (either on site or at STG)

#### - Solutions for heat and burner technology for furnace and downstream systems

##### DeNOx Technology consisting of following components:

- Oxygen probes and Lambda control
- DeNOx Natural Gas and Heavy Oil burners
- Optical Melting Control
- Technology for optimisation of combustion air distribution (Air Curtain System)

#### - Measurement instrumentation for high temperature range

- Oxygen probes and Lambda control

#### - Environmental engineering in order to reduce, better to avoid noxious emissions resulting from high temperature processes within the glass industry

- Strategies for rational use of energy
- Thermotechnical analyses