

## Catalytic Debinding Plant



### Technical Information

#### Catalytic Debinding Plant

**Usable Space:**  
400 x 400 x 800 mm

**Process temperature**  
max. 180 °C

**Thermal output:**  
6 kW

**Process gas:**  
Nitrogen 0,2 - 4,0 m<sup>3</sup>/h

**Furnace pressure:**  
30 mbar excess pressure

**Thermal post-combustion of exhaust fumes / gas upheaval:**  
Regulated ventilator fans  
Nitric acid dosage

All furnaces are designed, planned and constructed by us in accordance with the requirements of our customers.

We are looking forward to your conceptual formulation to realize your entirely customized furnace solution – tailored to your production conditions.



**Our clients do not want explanations, but solutions to their problems!**

## TISOMA - the company

The foundation of TISOMA Anlagenbau und Vorrichtungen GmbH was in 1996. The demand of our client forms the center of our work having as motto:

„The client does not want the explanation,  
but the solution of his problem.“

The base of our capabilities is our highly qualified personnel. We are in the position to serve with our staff members the following fields of business:

- **Hard metal**
- **sintered metal**
- **ceramics**
- **metal injection moulding**
- **other applications**



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## Engineering

### We design and construct for you:

- Electrically heated industrial furnaces up to 2000°C under vacuum and various atmospheres
- Furnaces according to the specific requirements of the client
- Heat treatment equipment applying inert gas and vacuum
- Mills equipment with agitator
- Ball mills
- Drying plants for suspensions
- Machines for CNC-treatment of hard metal green compacts and ceramics

### Furthermore we built for you:

- Assemblies and machines according to outside designs
- Partial components of plants
- Electrical and electronical equipment with modern control engineering
- Mounting fixtures
- Welding fixtures
- Special equipment for mass production (CNC-techniquw)
- Measuring devices
- Special processes

## How to reach us

