



burner technology

**SCHARRTEC**   
bring energy to life

## Welcome to SCHARR TEC

Our broad service portfolio and know-how make us a reliable partner for many projects.

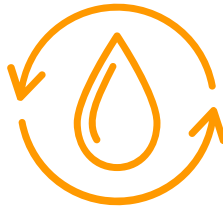
We, SCHARR TEC GmbH & Co. KG, with our headquarters in Stuttgart and other locations in Hunderdorf, Echterdingen-Stetten, Grossbottwar and Bad Urach, are one of the leading providers for SMEs. Our products and services correspond to a high level of quality. Our many years of experience and expertise make us a reliable partner for our business and private clients. We work together with them to find tailor-made solutions – not only in the sector of burner technology.

## It depends on the right technique.

### We are experts in:



burner technology



water/wastewater  
technology



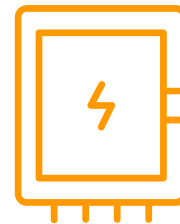
industrial plant  
construction



heating technology



building automation



switchgear  
construction



## Burner technology from SCHARR TEC – what it's all about

With expertise and our strong team, we develop the burner that meet your requirements together with you.

### What makes us special:



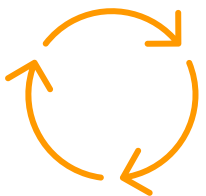
**Decades of experience** make us a competent expert for your needs.



**Our competent team** allows us to react quickly and flexibly to your requirements.



Our claim to the **highest quality** combined with our **careful individual production** make our burners internationally renowned.



Our **holistic approach**: we do not only manufacture the right burner for your needs – maintenance services and spare parts supply are also part of our service range.

## Your benefits at a glance:

- ✓ **Energy efficiency** through direct heating. This means 100 % energy input into the process
- ✓ **High functional and operational reliability** under a wide range of operating conditions
- ✓ Continuous adjustment for **fast and precise control**
- ✓ **The whole package from a single source**, including cabling, assembly, and functional testing
- ✓ Easy commissioning and maintenance



## PHÖNIX gas blowing burner from SCHARR TEC

A heating system specially tailored to the requirements of highly flexible warm air systems – that is the basic idea behind the development of our PHÖNIX burner series. This means absolute functional and operational reliability is guaranteed under a wide variety of conditions.

### What makes PHÖNIX special:

- Various fuel gases can be used: natural gas, liquid gas, or biogas
- Operation possible under negative pressure, counter pressure, or changing pressures
- Various types of control possible: 3-point step or continuous control
- Internal mechanical connection between the air and gas valve
- Control range up to 50:1



## Your benefits at a glance:

- ✓ **Energy efficiency** through direct heating. This means 100 % energy input into the process
- ✓ **High functional and operational reliability** under a wide range of operating conditions
- ✓ Continuous adjustment for **fast and precise control**
- ✓ **The whole package from a single source**, including cabling, assembly, and functional testing
- ✓ **Cost savings** through low investment, maintenance and repair costs
- ✓ Easy commissioning and maintenance

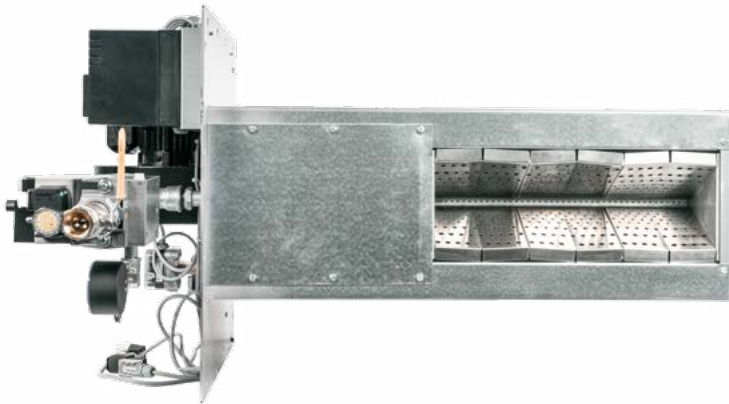


## ARGOS gas line burner from SCHARR TEC

We have developed our ARGOS burner series specifically for direct fresh air heating. The special design enables operation with or without a combustion air fan. It's up to you – the concept enables a wide range of possible applications.

### What makes ARGOS special:

- Various fuel gases can be used: natural gas, liquid gas, or biogas
- Operation possible under negative pressure, counter pressure, or changing pressures
- Various types of control possible: 3-point step or continuous control
- Internal mechanical connection between the air and gas valve
- Control range up to 20:1
- Precisely controllable due to an electric adjustment device directly on the gas control valve
- Can be used anywhere within the supply air duct





## Some application areas of our burners:

### Gas blowing burner:

- Paper
- Non-woven textiles
- Ceramic manufacturing
- Sewage sludge drying
- Paint booths
- Hall heating
- Emission control
- Special dryers/ovens

### Gas line burner:

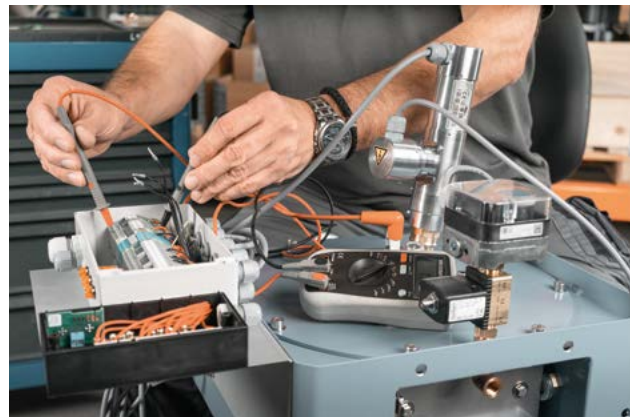
- Fresh air heating
- Paint booths
- Grain drying
- Emission control
- Bulk drying
- Special systems

## Your individual wishes and our tailor-made service...

### ...a great match!

From planning through production to commissioning – we develop burners for many application areas. As part of a maintenance contract, we will keep the technology in shape for you!

Do you need a special burner? Then you've come to the right place! We would be happy to produce it for you according to your individual requirements.



We are at your disposal to discuss your needs. Make an appointment today!

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