

Innovative suction and filtering technology

OVERVIEW



We set air in motion

**TE
KA**

About us

TEKA is an up-and-coming, modern company specialised in the field of suction and filtering technology and can there be found among the Top 5 in Germany. We convince our customers with innovation and cost effectiveness and also with reliability and quality. Our structures and processes are definite and target-oriented – they support the requirements of the modern business community.

Especially in the metal-working industry, clean air at the workplace is a topic of big interest. But also for companies in the medical and dental technology and in the electronics industry, clean air is important for smooth production processes and last but not least also for the health of the employees.

Our range of products consists of standardised modules and complete systems as well as of customised solutions. With competent advice, individual solutions and perfectly fitting systems more than 100 TEKA employees work in Germany and abroad on one target: optimal air and climate conditions for our customers.

TEKA was founded in 1995 by the current directors Jürgen Kemper, Erwin Telöken and Ludger Hoffstädte. The company is located in Velen in Westphalia. In the nearby Borken-Weseke TEKA possesses an external training centre for special seminars, product trainings and presentations.



Mobile suction and filtering systems



The TEKA mobile suction and filter units enable you to flexibly adapt to changing demands. For situations that require dust and smoke extraction we offer adequate solutions for metal processing (welding, lasering), electronic industry (soldering), dental and medical technology and also for the printing industry (plotting).

The TEKA HANDYCART, for instance, is a compact, space-saving unit used for welding of small components. In a special version this filter unit can be used for torch extraction.

On the other hand we offer high end mobile cartridge filter units like our STRONGMASTER and CARTMASTER. These units allow long lasting extractions of welding processes with non-alloyed metals and precious metals, especially along with strong smoke emissions.

Not only smoke and dust can be dealt with by our mobile units, also other health affecting emissions such as oil mist can be extracted by suction units with e.g. the TEKA OILCUBE.



Stationary and central suction and filtering systems



The business segment of stationary and central systems offers units for medium and high emissions including fully automated dedusting. Our product range contains various wall-mounted models that can be set up with up to two suction elements.

Additionally, we offer high-performance central systems which are fixed in the construction area allowing synchronous suction at multiple work places via a well constructed pipe system. Our technical department works out the best suited concept for each customer. All central units are equipped with an integrated automatic filter-control. The modern, easy-to-use PULSE CONTROL conforms to the highest technical requirements.

Our AIRTECH filter system offers supplementary air filtration, especially for high-emission work processes. It features a cluster of powerful nozzles on the upper part of the unit.



Gas cutting benches / Welding and grinding benches



TEKA gas cutting benches are set up modularly and come in standard sizes ranging from 2 to 24 m². We routinely construct oversized tables as well. The modules are assembled swiftly at the customer's facility. If combined with our suction units they grant secure protection of hazardous matter during thermal cutting procedures.

We offer various welding benches, such as a special training welding bench primarily used in welding schools with a highly flexible use.

Our grinding benches feature rear and bottom suction and have optional lamella siding which allow ergonomical processing of oversized metals. Because of the renunciation of metal sides even long and bulky items can be processed ergonomically.



BGIA-certified suction and filtering systems



Something we are very proud of at TEKA is our growing amount of certified filter units. The BGIA certificate, awarded by the German institute for work safety, is featured by several of our suction units with the highest welding class available (W3).

The welding class W3 makes sure that our units reliably clean emissions of low-, medium- and high-alloyed steels (e.g. chrome/nickel concentration of 30%) with a suction capacity of more than 99%.

The certificate is subject to the international norm DIN EN ISO 15012-1 that regulates the safety and health protection of welding procedures and similar processes plus requirements, testing and labelling of air filtration systems.

Currently, three mobile units of our product range are certified: the CAREMASTER, the CLEANMASTER and the STRONGMASTER. Besides, several of our stationary systems are BGIA-certified, too: the CARTMASTER for wall-mounting, the FILTERCUBE series 2N–4H and the central cartridge filter unit ZPF 9H.



Suction and collecting elements



We at TEKA offer a huge variety of extraction and collecting elements. The diameter ranges from 50 mm for medical, dental technology and cosmetical needs up to wider sizes for stronger smoke development.

The TEKA product range also contains suction arms and hoses made of materials optimized for different applications, such as chemical resistant, antistatic or aluminium arms.

The front end of every suction arm has got a hood or nozzle attached. Here too we offer a multitude of varieties.

Our collecting elements are available for table-, wall- or ceiling mounting and are directly attached to the filter units and aligned adequately by their joints or an external crane console.

We would be glad to advise you in finding the appropriate solution for your special situation.



Fans and ducting



TEKA fans are efficiently usable for aeration and deaeration of work spaces and construction halls. At the intake the hazardous emissions are extracted by means of a hose or a tube connected to an attached collecting element and released through the outlet and connected tube system. Alternatively, fresh air can also be transported through the system the other way around and be deployed at work spaces.

Our high-quality fans, made of sheet steel or cast in silumin, are robustly constructed and therefore appropriate for continuous use. In addition a smooth operation is guaranteed because of the static and dynamic impact.

The fair-priced, universally usable fans are part of our mobile exhaust fans as well. They form the central unit of our ergonomically constructed filter units, combined with one way filters or filter cartridges.

The duct and tube systems transport the gases nearly loss-free from the work spaces to the filter unit. If required, the duct systems can be installed quickly and easily by our technicians.



Visibility protection and soundproofing



To complete our choice of work protection in the field of clean air, TEKA also offers an assortment of visibility protection and sound proofing to you: panel screens of various sizes, dividers with adjustable side pieces, lamella curtains made out of different materials, cut right for your special demands.

Similar to a building kit you can combine sound proofing screens to individual cabin systems containing multiple welding or grinding work spaces.

You can achieve an additional sound proofing for grinding jobs if you choose one of our roofed cabin solutions. The cabins are fabricated out of 50 mm deep panels. Besides the standard sizes of 4 to 60 m² we offer special solutions, too.

Our team is looking forward to consult you.



Service



At TEKA you purchase more than a product. Requirement, design, manufacturing, delivery and assembly – at all steps you get personal advice and support from our competent employees. Including product guarantees and individual contract conditions.

Our service and maintenance team is at your side at any time. By hotline or even directly on site. Fast and uncomplicated. For optimum warranty you have the possibility to conclude additionally a maintenance agreement for your devices. In our onlineshop you can directly order single units and accessories.

Products for safety in the workplace and the protection of human beings have to work perfectly. We from TEKA do not only rely on the legal directives. We always strive to achieve even better results. With pleasure we take over the required maintenance of your devices. We document the conformance to the legal directives with a seal and a test log book.











Fax coupon

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Please send additional information
for the following product groups:

-  Mobile suction and filtering systems
-  Stationary and central suction and filtering systems
-  Gas cutting benches / Welding and grinding benches
-  BGIA-certified suction and filtering systems
-  Suction and collecting elements
-  Fans and ducting
-  Visibility protection and soundproofing
-  Service

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TEKA Absaug- und Entsorgungstechnologie GmbH
Industriestraße 13 · 46342 Velen
Postfach 1137 · 46334 Velen
Germany
Tel. +49 (0) 28 63 92 82 - 0
Fax +49 (0) 28 63 92 82 - 72
sales@teka.me
www.teka.me

The logo consists of the word "TEKA" in a bold, white, sans-serif font, set against a dark blue square background. The letters are slightly offset, with the 'E' and 'K' appearing to be layered behind the 'T' and 'A' respectively.