

**WE CARE  
FOR PURE AIR.**



**ILT Industrie-  
Luftfiltertechnik**



CH<sub>4</sub>

CO<sub>2</sub>

H<sub>2</sub>O

# We are specialists for pure air. Since 1983.

## We develop solutions satisfying our customers.

Ever since our foundation we are specialized in removing airborne pollutants from industrial production processes.

Being a medium-sized German company customers of all sizes and from all industries trust us. In Germany, in Europe and worldwide.

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### **ILT REALIZES SOLUTIONS,**

functioning efficiently over a long period of time.

All from one source and by specialists for clean air in industries.

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No matter what the scope of the application is: We develop solutions satisfying our customers. For suction performance of 500 up to more than 100 000 m<sup>3</sup>/h. Our thirty employees are working in the production of high quality and reliable air filtration systems on the basis of the module system developed and patented for our purposes. Engineered and made in Germany.

With our patented technology we set standards for technology and design. We are a member of the BlueCompetence Initiative of German mechanical engineering and member of VDMA (Verband Deutscher Maschinen- und Anlagenbau – German Engineering Association).

Several thousand installations in manufacturing companies of all sizes care daily for safety and clean air – worldwide. In metal treatment companies, in mechanical engineering, in the automotive sector, in aerospace industries and in food industries. In both manual workplaces and for machine-made high-volume production.

Functional air filtration units are only one part of our success. It is our ambition to inspire by outstanding quality and service. Over the entire life cycle of our solutions – beginning with individual advice and ending with after-sales service – all our customers profit from our service, our know-how and our on-time delivery. A flexible organisational structure ensures that every customer has his contact person at any time.



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**SINCE 1983 WE HAVE BEEN DEVELOPING SOLUTIONS SATISFYING OUR CUSTOMERS. WE PRODUCE AIR FILTRATION UNITS FOR SUCTION PERFORMANCE OF 500 UP TO MORE THAN 100 000 M<sup>3</sup>/H.**



## ADVANTAGES FROM COOPERATION WITH ILT

- ADVICE AND SOLUTIONS ON-SITE IN YOUR WORKS
- ALL FROM ONE SOURCE: ONLY ONE CONTACT
- PARTNER FOR ALL QUESTIONS REGARDING AIR FILTRATION
- WIDE RANGE OF PRODUCTS
- TURN-KEY AIR FILTER SYSTEMS
- COMPREHENSIVE WARRANTIES
- ANALYTICS AND METERING
- VAST SERVICES
- WORLDWIDE PROJECT SUPPORT

## A WIDE PRODUCT RANGE WITH COMMON FEATURES

- EFFECTIVE FILTER ARRANGEMENT
- ESPECIALLY LARGE FILTER SURFACES, OPTIMAL RATIO BETWEEN SUCTION PERFORMANCE AND FILTER SURFACE
- 24/7-OPERATION WITHOUT REGENERATION PERIODS
- PATENTED MODULAR SYSTEM: ADAPTABLE AT ANY TIME (EVEN AFTER THE FIRST INSTALLATION), COMPREHENSIVE PORTFOLIO OF ACCESSORIES AND ATTACHMENT PARTS
- DIRECT VENTILATOR DRIVE WITHOUT LOSS
- INDIVIDUAL CONTROL AND AUTOMATION SOLUTIONS
- SPECIAL DESIGNS IN STAINLESS STEEL



# Your benefit from the cooperation with ILT.

Complete solutions from one hand, specialist advice and safety.

## We care for pure air.

### A functioning complete solution from one source.

You have the case of application, we take care for the technical solution. From consulting to commissioning. You do not have to care about the details. Thus, you can concentrate on things that count: production in clean air.

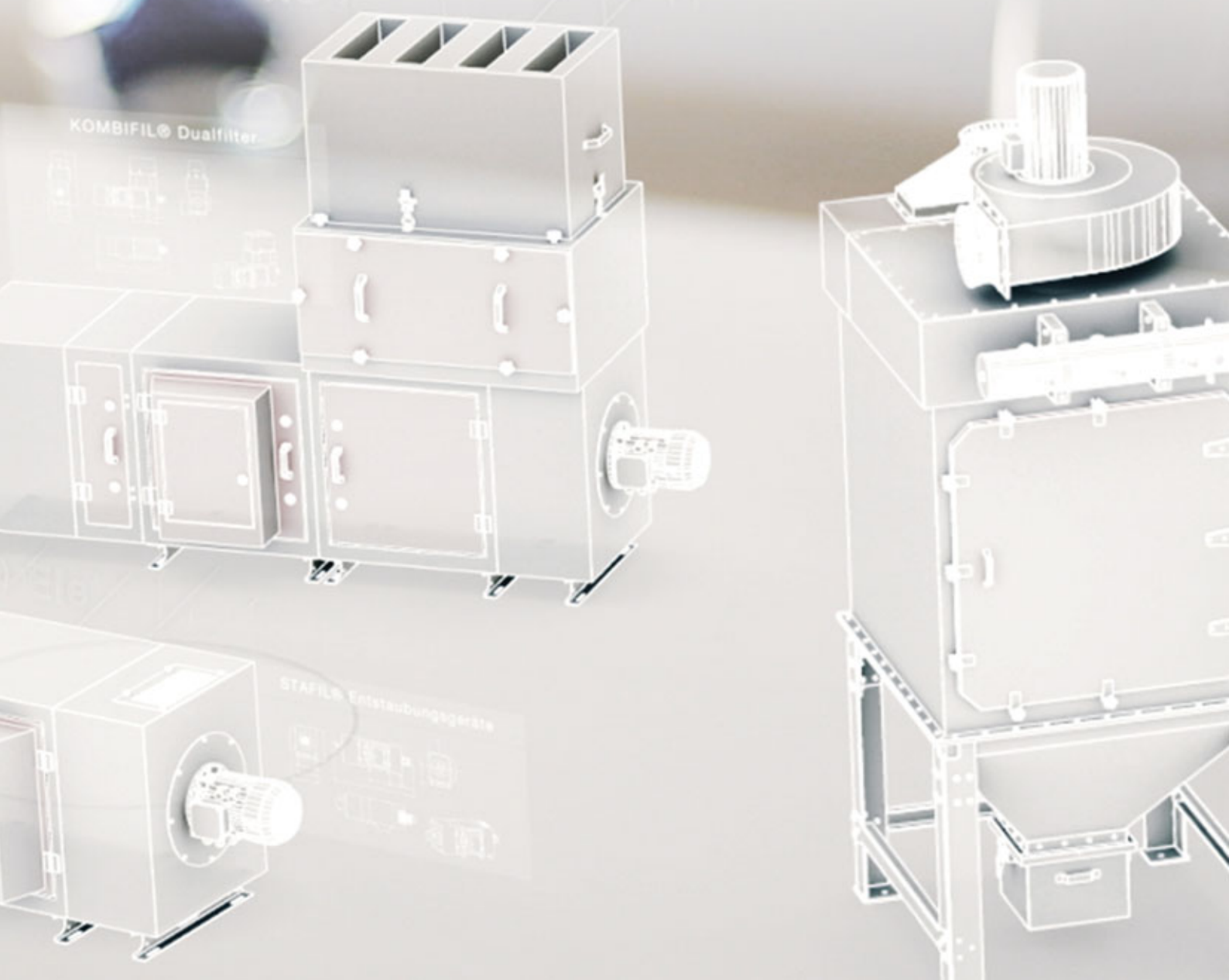
### Perfect specialist advice.

We have been specializing in air filtration systems for industries since 1983. Our experience is the guarantee that you obtain a perfect technical solution. Thus, you are able to easily and reliably retain clean air standards in your production.

### Safety – for years.

Our solutions work. For a long time. Even for air filtration units delivered 20 years ago our customers may purchase support and spare parts. This quality of solution has been proven with warranty programs reaching far beyond mere statutory warranty obligations. To us, three years warranty periods are standard. This way you will be sure to make a good investment.

# You have the case of application. We care for the solution.



### *Planning and realization of your solution*

Thanks to comprehensive on-site advice our customer consultants find the right solution for your case of application together with our projecting engineers. You receive a comprehensive and complete specification describing all details. We care for the realization of the solution:

from planning to ready-to-operate delivery. Upon request, this also comprises complete projecting services like the preparation of 3D constructions for special designs, network planning of the tubing or project management. We also take over complete partial projects in the

field of air cleaning, e.g. in the planning of production line planning. Our team of specialists offers technical know-how, professional competency and high service orientation.

# This is what we do for you:

## Technical know-how, professional competency and high service orientation.

### *Assembly and commissioning*

We deliver on time and install your air filtration unit in your factory. Thanks to careful planning of the assembly your production will not be interrupted unnecessarily. Qualified

assembly personnel ensures that the installation is effected quickly and faultlessly. The installation is exclusively carried out with our own specially trained personnel.

Commissioning can be effected directly after the installation, instruction and initial training are part of our scope of delivery.

### *After-sales service and operational tests*

Comprehensive service is of course included. According to your wishes, your air filtration unit is serviced by us after the initial commissioning. This comprises reliable spare parts supply and adaption works (if, for example, you wish to change your

method of production or air filtration units have to "move") or if tests and maintenance work is necessary. As a professional company we also offer – all from one source – operational tests according to the standards by the German Social Accident Insu-

rance (DGUV), rule 109-002 (BGR 121). You can always rely on the fact that all testing obligations are fulfilled and you receive valuable hints for the operation of your air filtration unit.

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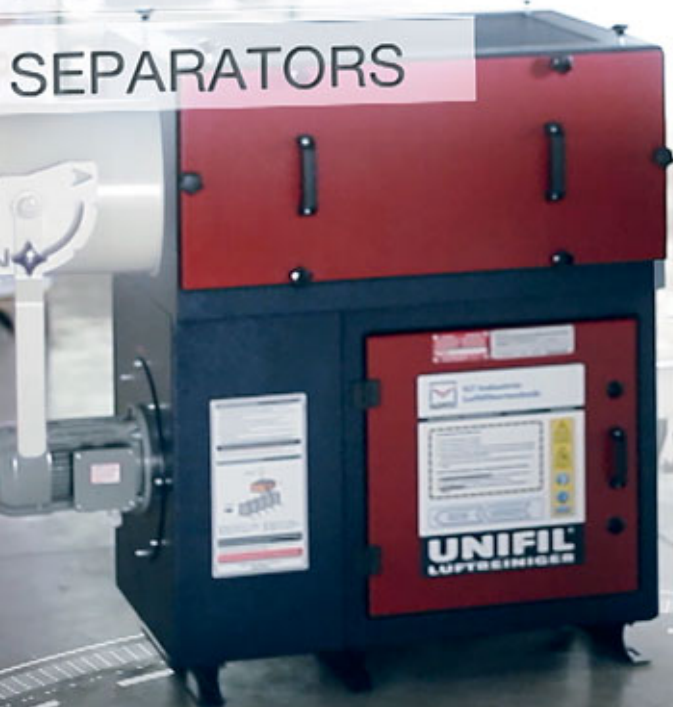
ON-SITE-CONSULTING • PLANNING • ON-TIME DELIVERY • ASSEMBLY • COMPREHENSIVE SERVICE AND SAFETY:  
ALL FROM ONE SOURCE





PERFORMANCE GUARANTEE

FILTERING  
SEPARATORS



ELECTROSTATIC  
PRECIPITATORS (ESP)





# Our service for you.

## We deliver more than air filtration units.

### SLAs (Service-Level-Agreements) for the operation:

Upon request you receive tailored maintenance offers with individual maintenance intervals and – scopes.

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### **WE OFFER**

- SLAS (SERVICE-LEVEL-AGREEMENTS)
  - CUSTOMER SEMINARS
  - ANALYTICS
  - TELESERVICE OR CONDITION-BASED-MONITORING
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### Analytics:

We have own laser spectrometers and are able to carry out particle analyses for you. Thus, you know by the  $\mu$  what happens during your production processes.

### Teleservice or condition-based monitoring:

By means of intelligent automation solutions we are able to supervise your unit remote-controlled upon your demand and therefore inform you about its condition. In connection with special maintenance offers we automatically visit you. A further component of easy and troublefree operation!

### Customer seminars:

You want to know more about air pollution control?  
You want to be informed about the state-of-the art regarding the statutory regulations of process engineering in the field of air pollution control?  
We offer seminars with fixed dates upon request or in your company.

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IF YOU OPT FOR US YOU GET PRODUCT QUALITY AND FUNCTIONAL SAFETY, LONG-TERM MARKET ACTIVITY, KNOWLEDGE OF INDUSTRIES AND VAST PROFESSIONAL SOLUTIONS FOR MANY CASES OF APPLICATION.

# There is only one reference that counts: Your satisfaction.

- „The implementation of the ILT devices led to an optimal solution of our air pollution control and increased the value of real estate and machines by superior suction performance. With regard to the quality of consultation and service ILT is ahead of its competitors, moreover, the cost-benefit ratio is absolutely acceptable.“

Peter Schnell, Managing Director to Otto Schnell GmbH & Co. KG, [www.otto-schnell.de](http://www.otto-schnell.de)

- „On the occasion of the first on-site-date ILT already offered an ideal solution concept.. The implementation of ILT Units pays off: The quality of work of our employees has considerably improved. The production hall is generally less polluted.“

Andre Reuschel, Team Manager Production to INVENIO GmbH, [www.invenio.net](http://www.invenio.net)

- „With ILT air pollution control technology we purposefully save cost. We have to clean our production halls less often than before, renovation is necessary more seldom and our machines cause less expenses for maintenance. The service and the consulting ILT delivers is perfect. We are very satisfied.“

Ing. Hermann Brandstätter, Engineer, Maintenance Manager, Robert Bosch AG Österreich, [www.bosch.at](http://www.bosch.at)

- „We were not satisfied with existing external units and have switched to ILT technology. Since it is in operation the expenses were reduced to a minimum: The maintenance intervals could be reduced from several times a year to once a year, the machine standstill times could be reduced by almost 100% – time which we can now use more productively for our actual tasks. In the workplaces just as in the entire hall there is clean air today – at a fair cost-benefit ratio.“

Thorsten Siegmund, Maintenance Manager, Tyrolit GmbH & Co. KG, [www.tyrolit.com](http://www.tyrolit.com)

- „Uncomplicated, robust, easy to maintenance – this is done at especially low operating cost: Using ILT Luftfiltertechnik all goals and expectations were met. The ILT Unit is handling the problematic metal dusts safely and reliably.“

Frank Altendorf, Managing Director Arenz GmbH, [www.arenz-gmbh.de](http://www.arenz-gmbh.de)

- „The use of ILT Suction Units means oil savings of about 200 litres per week, the savings for cleaning cost and further means of operation are around 100 Euro per week. The installation of the units was carried out by ILT trouble-free and with current operation. Environmental audits are easier, the sick leave is reduced. We are all over satisfied.“

Hubert Radziej, Production Manager, Heismann Drehtechnik GmbH & Co. KG, [www.heismann.de](http://www.heismann.de)



trie-ILT  
tfiltertechnik

*AIR FILTRATION UNITS ARE A VITAL COMPONENT OF PRODUCTION SAFETY AND COST REDUCTION. YOU ONLY SAVE COST IF EVERYTHING IS PERFECTLY ADJUSTED TO EACH OTHER MEANING THAT PROCESS AND PRODUCT FIT EXACTLY.*

Therefore, you do not obtain catalogue articles. The comprehensive and complete specification we prepare for every case of application offers you the security, that we find out about the most suitable and cost-effective solution for you. We are one of the few suppliers offering the most important filtration procedures completely from one source: wet, dry, electrostatic, neutralizing, mechanically – against dusts, cooling agent mists, odours, smoke, damp, vapor, steam and much more:

- ELOFIL® Electrostatic Precipitators
- UNIFIL® Air Purifiers
- CLAROFIL® Wet Separators
- STAFIL® Dedusters
- MOBIFIL® Welding Fume Filters
- KOMBIFIL® Dual Filters
- Special Units
- Engineered Air Pollution Systems
- Ductwork Engineering

There is a laser cell you have to protect from smoke in order to obtain high production quality?  
There is an open flat grinding machine you are running and you do not know how to collect coolant mist best?  
A manual workplace worries you? You have a problem with polluted air?

# Send us your inquiry!

## We will provide the right air pollution control system for you.

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### **COMPREHENSIVE SOLUTIONS FOR A VARIETY OF INDUSTRIES AND APPLICATIONS**

- AUTOMOTIVE
  - AEROSPACE
  - FOOD INDUSTRY
  - CHEMICAL INDUSTRY
  - GALVANIC INDUSTRY
  - METAL TREATMENT
  - PRINTING INDUSTRY
  - TEXTILE INDUSTRY
  - MACHINE TOOLS AND OEM
  - PAINT SHOPS
  - WASTE INDUSTRY
  - FOUNDRIES AND METALLURGY
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