



VAK A PARTNER FOR EUROPE

FUTURE-ORIENTED CONCEPTS A STRONG ASSOCIATION



The VAK represents an industry with annual sales of around three billion euros and 25,000 employees; ten percent of these are trainees. Its 80 member companies develop and produce innovative, energy-efficient and resource-saving equipment and municipal vehicles. In addition to customers, stakeholders and employees, the resultant values also benefit society as a whole.

Founded in 1956, our association offers all member companies and the most important suppliers of parts and components a platform for developing social and statutory frameworks. Cooperation between the VAK and other associations representing the industry and users, as well as its active participation in specific technical and standards committees ensure that standards and regulations are defined to meet the industry's present-day requirements. We are also acting as an endorsing sponsor of IFAT, the World's Leading Trade Fair for Water, Sewage, Waste and Raw Materials Management.

The following pages contain a more detailed outline of our members, our work and IFAT.

Thomas Moucka | Palfinger GmbH
President of VAK e.V.



Companies from various industries come together at the annual meeting of VAK members. The association regularly organises interesting factory tours providing practical know-how for its members.

ORGANISATIONAL STRUCTURE



VALUES, TOPICS AND OBJECTIVES



ENVIRONMENT AND SAFETY WINNING TECHNOLOGIES



CHAIRMAN OF THE WORKING COMMITTEE

Burkard Oppmann | FAUN Umwelttechnik GmbH & Co. KG

There are around 12,000 refuse collection vehicles in active service in Germany at present. Between 1,000 and 2,000 new vehicles are licensed every year. The committee members discuss specific topics related to the vehicles and coordinate consultations throughout the group. Representatives from the manufacturers of vehicle bodies and vehicles meet twice yearly to discuss current and industry-specific topics. The association's work includes standardisation issues, measurement of noise levels and fuel consumption, as well as measures to improve the ecological balance of refuse collection vehicles. Other topics covered include the safety of drivers and loaders, as well as the ergonomic design of the vehicles, statistics and – last but not least – registration figures. The working committee is also represented in DIN and standards committees. Major issues are addressed and advanced through the association's concerted efforts.

DÜNSCHEDE FAHRZEUGBAU



www.duenschede-fahrzeugbau.de

FAUN UMWELTTECHNIK
GMBH & CO. KG

www.faun.com

GEESINK NORBA GROUP - NL



www.geesinknorbagroup.com

HS FAHRZEUGBAU GMBH



www.hs-fahrzeugbau.com

SCHMIDT KOMMUNAL-
FAHRZEUGE GMBH

www.schmidt-kommunal.de

SYSTEM-ALPENLUFT AG



www.system-alpenluft.ch

ZÖLLER-KIPPER GMBH



www.zoeller-kipper.de

NEW FAIL-SAFE SYSTEMS WINNING TECHNOLOGIES



CHAIRMAN OF THE WORKING COMMITTEE

Oliver Dippold | F.X. MEILLER GmbH & Co. KG

In Germany alone, more than 20,000 container changing systems, around 40,000 loading cranes and innumerable containers and balers play a major part when it comes to the disposal and recycling of refuse. These products are also used in construction and the municipal economy. The working committee actively supports all efforts leading to uniform standards and contributes its practical experience in the work of corresponding DIN committees. Examples include the standards DIN 30720, 30722, 30723, 30730, 30735 and EN 12999. Visionary ideas lead to new developments embodied, for example, by the systems for securing loads which have already been implemented, safe operation by remote control and determining the hoisting capacity of loading cranes. This will also determine and promote our activities in the future.

ALLPRESS RIES HYDRAULIK-
SERVICE U. PRESSEN GMBH

www.ries-pressen.de

BEHRINGER GMBH



www.beringer-behaelter.de

CARGOTEC
GERMANY GMBH

www.hiab.de

CONTAINERBAU
HAMELN GMBH

www.containerbau.de

HERMANN ELLERMANN
CONTAINERSYSTEME GMBHELLERMANN CONTAINER
GANDERKESEE

www.ellermann-container.de

FERRO EICHINGER
GMBH & CO. KG

www.ferro-container.de

F. X. MEILLER FAHRZEUG- UND
MASCHINENFABRIK GMBH & CO KG

www.meiller.com

GERGEN KIPPER- &
FAHRZEUGBAU GMBH

www.gergen-kipper.de

HMF LADEKRANE UND
HYDRAULIK GMBH

www.hmf-ladekrane.de

HÜFFERMANN TRANS-
PORTSYSTEME GMBH

www.hueffermann.de

HYVA GERMANY
GMBH

www.hyva.com

LAUDON GMBH



www.laudon.de

PALFINGER GMBH



www.palfinger.de

SIRCH BEHÄLTER GMBH



www.sirch.com

VDL CONTAINERSYSTEMEN BV



www.vdlcontainersystemen.com



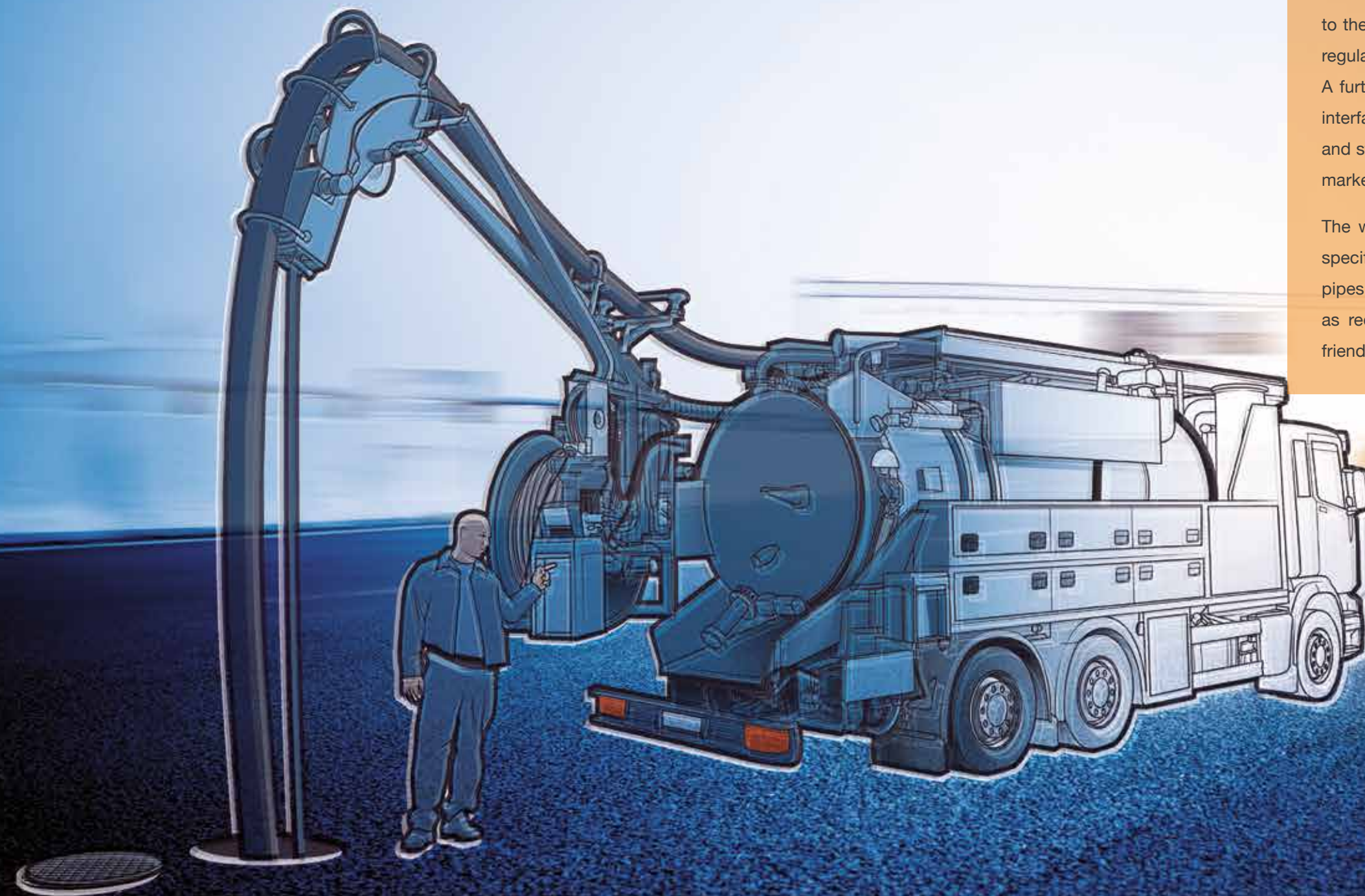
UNIFORM STANDARDS WINNING TECHNOLOGIES

The members of the working committee for liquid waste disposal and pipe cleaning systems represent leading manufacturers of corresponding vehicle bodies and equipment, as well as manufacturers of commercial vehicles and component suppliers.

Its members also work in various European and national committees devoted to the compilation and harmonisation of European and national standards and regulations.

A further objective is to define uniform standards for electronic and hydraulic interfaces. In addition, the association reviews changes in political frameworks and statutory regulations of significance for the development, construction and marketing of corresponding machines.

The working committee is currently working on a catalogue of measures for specifying carbon emissions by new special-purpose vehicles for cleaning pipes, sewers and industrial facilities, as well as for the disposal of liquid waste as required by the Clean Vehicles Directive 2009/33/EC for environmentally friendly vehicles.



CAPPELOTTO S.P.A.

FFG FLENSBURGER
FAHRZEUGBAU GMBH

JOACHIM LEISTIKOW GMBH

KAISER AG FAHRZEUGWERK

KROLL FAHRZEUGBAU-
UMWELTECHNIK GMBH

MÜLLER UMWELTECHNIK
GMBH & CO. KG

RESCHWITZER SAUGBAGGER
PRODUKTIONS GMBH

WIEDEMANN ENVIRO TEC
GMBH & CO. KG

FLENSBURGER
FAHRZEUGBAU **FFG**

LEISTIKOW

KAISER

KROLL
Efficient Disposal Technology

MÜLLER
FREUDE AM ENTSORGEN

RSP

WIEDEMANN
enviro tec

www.cappellotto.com

www.ffg-flensburg.de

www.leistikow-gmbh.de

www.kaiser.li

www.kroll-fahrzeugbau.de

www.mueller-umwelt.de

www.rsp-germany.com

www.wiedemann-enviro-tec.de



COMMON INTERFACES WINNING TECHNOLOGIES

The working committee on snow-clearing and gritting vehicles and devices actively supports various committees and working groups; it also delegates specialists to prepare standards for the German municipal services standards committee (NKT) and the European Union. A further objective of the working committee on snow-clearing and gritting vehicles and devices is to establish uniform interfaces between vehicles and their equipment.

Defining uniform hydraulic and electrical interfaces makes matters considerably simpler for both manufacturers and their customers. In addition, the association reviews changes in political frameworks and statutory regulations of significance for the development, construction and marketing of corresponding machines.



AEBI SCHMIDT HOLDING AG

BERTSCHE-KOMMUNALGERÄTE

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GMBH & CO. KG

GMEINER GMBH

HARALD DRUTZEL GMBH
KOMMUNALTECHNIK

KÜPPER WEISSER GMBH

ASH GROUP

www.aebi-schmidt.de



www.bertsche-online.de

epoke
www.epoke.de

BUCHER
municipal
www.buchermunicipal.com

Drutzel
wir machen's
www.drutzel.de

KÜPPER WEISSER
www.kuepper-weisser.de

EUROPEAN STANDARDS WINNING TECHNOLOGIES



CHAIRMAN OF THE WORKING COMMITTEE

Helmut Schmeh | FAUN Viatic GmbH

In recent years, the sweeping vehicles committee also contributed to the European standardisation efforts of CEN/TC 337/W64 "Road sweeping machines". The resultant new DIN EN 15429-1tr4 standard for sweeping machines benefits both customers and manufacturers. At present, the working committee is concerned with the environmental efficiency of sweeping machines. Its activities include defining a simple and reproducible test procedure for determining consumption levels when driving and sweeping, as well as for verification of the calculated values.

The EC type approval procedure pursuant to Directive 2007/46/EC for vehicles with a specific intended use and the associated vehicle registrations in Europe are a further topic discussed by the sweeping vehicles committee.

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GMBHDISAB VACUUM
TECHNOLOGY AB

FAUN VIATEC GMBH

JOHNSTON SWEEPERS
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WALTER & CO. GMBH



www.aebi-schmidt.de



www.bertsche-online.de



www.brock-kehrtechnik.de



www.buchermunicipal.com



www.disab.com



www.faun.com



www.johnstonsweepers.com



www.kuepper-weisser.de



www.walter-co.de

MAXIMUM POWER MINIMUM EMISSIONS

www.iveco.com



www.man-mn.de



www.mercedes-benz.de/kommunal



www.scania.de



www.volkswagen-nutzfahrzeuge.de



www.volvotrucks.de



IVECO



Mercedes-Benz

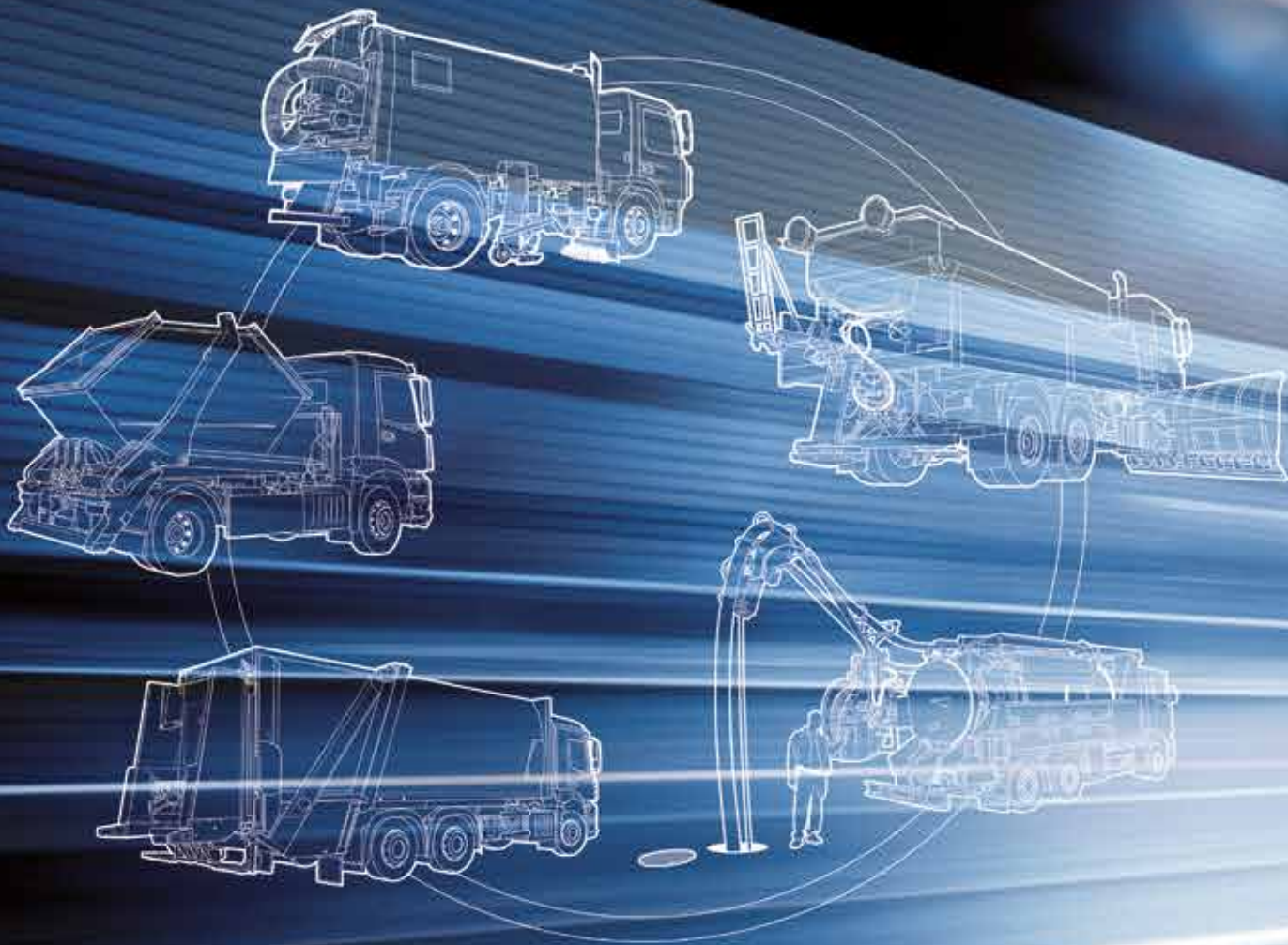


Nutzfahrzeuge



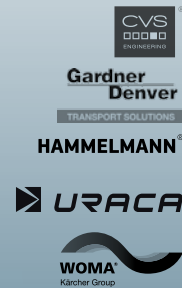
Manifold activities of vehicle manufacturers in the VAK working committees have resulted in many innovative solutions setting standards throughout Europe. Together with the manufacturers of vehicle bodies, the chassis manufacturers' engineers develop custom-built solutions for devices and municipal vehicles. Specific chassis ensure comfortable and convenient operation without which cost-efficient logistics and services would not be possible in urban areas. Optimally designed for the job, our member companies' devices and municipal vehicles ensure low vehicle costs per activity unit and benefit people as well as the environment with their low emissions.

A STRONG ASSOCIATION STRONG PARTNERS



Devices and municipal vehicles need the assemblies and components produced by many of the association's suppliers and partners before they can be transformed into optimum refuse disposal, cleaning, maintenance and logistics systems. With their exceptional technical expertise and business know-how, the VAK partner companies have produced several innovations making the entire industry a major sector in Europe. Installed in customers' equipment and municipal vehicles, our partner companies' products fully exploit all the technical opportunities available. This has resulted in the development of a distinct brand awareness.

PUMP UNITS



CVS ENGINEERING	www.cvs-eng.de
GARDNER DENVER	www.gd-transport.com
HAMMELMANN	www.hammelmann.de
URACA	www.uraca.de
WOMA	www.woma.de

HYDRAULIC SYSTEMS



GERHARD W. RUPPEL	www.ruppel-hydraulik.de
HYDRO LEDUC	www.hydroleduc.com
PARKER HANNIFIN	www.parker.com
SUNFAB	www.sunfab.de
WESTHOFF	www.westhoff-hydraulik.de

VEHICLE RENTALS



BFS	www.bfs.tv
CLEAN MAT	www.cleanmat.eu
TIP	www.tipeurope.com

ENGINEERING



BOSCH ENGINEERING	www.bosch-engineering.de
DOSTA	www.dosta.mobi

TRANSMISSION SYSTEMS



ALLISON	www.allisontransmission.com
ZF FRIEDRICHSHAFEN	www.zf.com

BRUSH SYSTEMS



WEBER BÜRSTEN	www.weberbrushes.de
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VEHICLE EQUIPMENT



F+B NUTZFAHRZEUG	www.fb-nfz-technik.de
MOBA AG	www.moba.de
REWALD GMBH	www.rewald.eu

CAMERA SYSTEMS



MOTEC GMBH	www.motecgmbh.de
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ATTACHMENTS FOR CRANES AND EXCAVATORS



KINSHOFER	www.kinshofer.com
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HOSING



TRELLEBORG	www.trelleborg-online.de
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LUBRICATION SYSTEMS



BAIER + KÖPPEL	www.beka-lube.de
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WEIGHING SYSTEMS



PFREUNDT	www.pfreundt.de
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FILTER SYSTEMS



TRABOLD	www.trabold.de
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WASTE TECHNOLOGY



FRITZ SCHÄFER GMBH	www.ssi-schaefer.de
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DISCOVER INNOVATIONS THE VAK AT IFAT

How can we save resources and operate economically in a manner sustainable for future generations while mastering the challenges facing us at the same time? IFAT is a global platform for machines, systems and services associated with water, sewage, refuse and raw materials management. More than 3,000 exhibitors covering an area of 230,000 square metres present their environmental engineering innovations at IFAT.

With international exhibitors and visitors accounting for more than 40% of the total, IFAT provides a global overview of technical solutions and prospects from around the world.

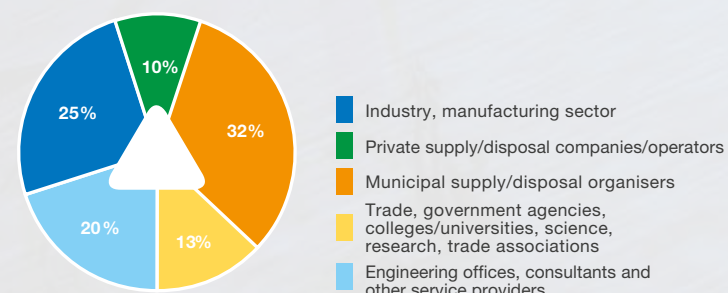
2014 exhibitor numbers:

National 1,728 exhibitors	International 1,353 exhibitors	3,081 from 59 countries
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2014 visitor numbers:

National 74,756 visitors	International 60,532 visitors	135,288 from 168 countries
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Visitor structure:



EXPERTISE AT FIRST HAND SUPPORTING PROGRAMME AND LIVE DEMONSTRATIONS



The VAK is an endorsing sponsor of IFAT, where 3,000 exhibitors from around the globe, including the VAK itself, present their innovations in the fields of water, sewage, refuse and raw materials management.

The VAK has come up with a number of ideas: members and other interested visitors can obtain up-to-the-minute information on technologies, vehicles and innovations at our joint VAK stand or experience our members' machines – and hence state-of-the-art technology – at first hand in our VAK TRUCK IN ACTION SHOW.



Professional media equipment also allows detailed close-ups of the vehicles to be shown at the presentations.



Every day of the trade fair, our member companies will present around 60 different vehicles at the VAK TRUCK IN ACTION SHOW.