



VAK

STRONG TOGETHER
FOR PROGRESS AND STABILITY



- Around 100 member companies with 25,000 employees
- Active participation in technical and standards committees
- Endorsing sponsor of IFAT
- Networking of actors
- Promotion of innovative solutions
- Active support of energy-efficient and resource-saving concepts
- Comprehensive promotion of young talent

WELCOME TO THE VAK!



The VAK represents an industry with annual sales of around three billion euros and 25,000 employees, ten percent of whom are trainees. Its 100 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.

PRESIDENT OF VAK E.V.
BURKARD OPPMANN
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OUR PRESENCE AT IFAT

The VAK is an endorsing sponsor of IFAT – the World's Leading Trade Fair for Water, Sewage, Waste and Raw Materials Management. VAK members have the opportunity to present their company at the joint stand and at the same time showcase technical innovations live at the "Truck in Action Show".

BECOMING A MEMBER OF VAK

Manufacturers of vehicle bodies or trucks from the equipment and municipal vehicle industry can become ordinary members of the VAK. Manufacturers of accessories and suppliers of the industry as well as leasing companies for municipal vehicles can join the VAK as supporting members.

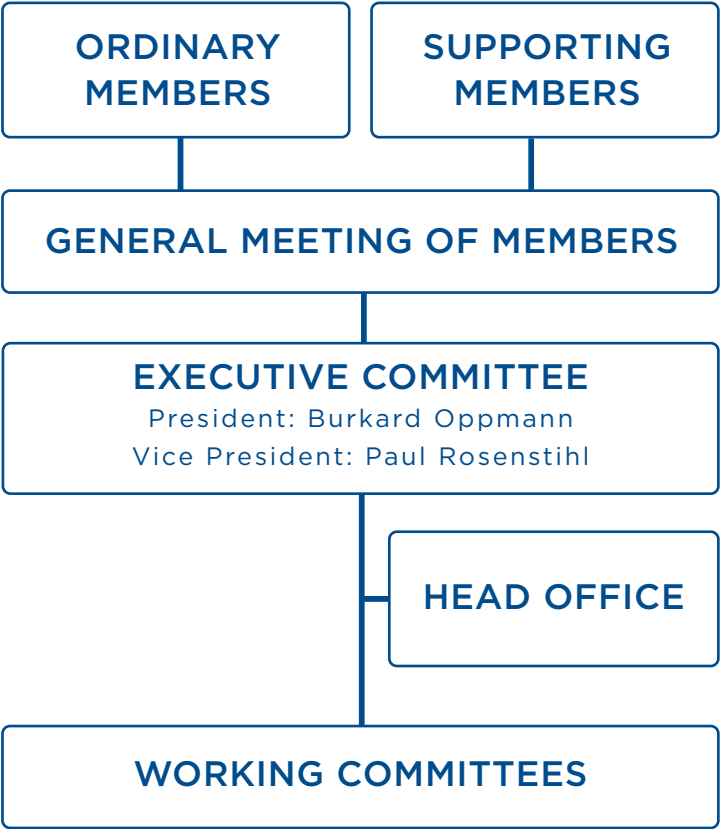


TASKS AND STRUCTURE OF THE VAK

The executive committee comprises the president and five executive committee members who are also chairpersons of the working committees. It discusses subjects of relevance to the industry and advances solutions.

Technical experts pool their competencies and represent the interests of our industries in national and international markets. The member companies are organised in five technical working committees in which the manufacturers, suppliers of accessories and truck manufacturers work together on specific topics. As experts in digitalisation, talent management and internationalisation, the VAK Juniors support the development of the association and form a strong network of young executives of the industry.

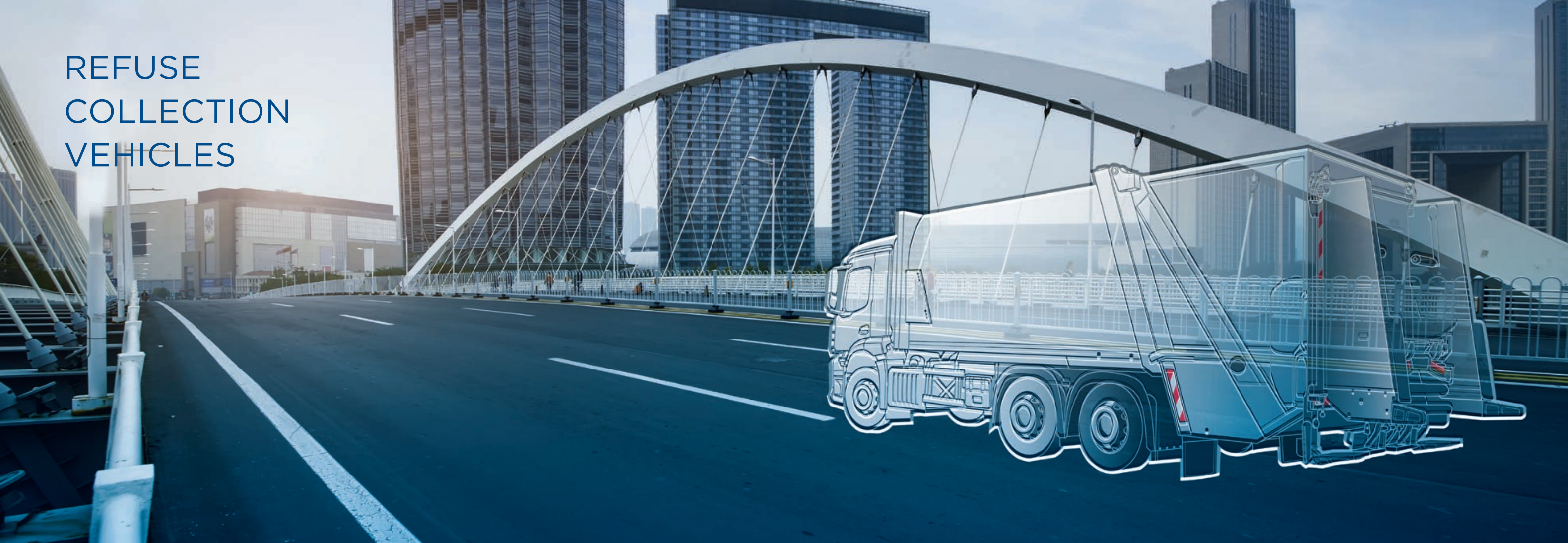
ORGANISATIONAL STRUCTURE



FIELDS OF ACTIVITY



REFUSE COLLECTION VEHICLES



ENVIRONMENT AND SAFETY DETAILS MAKE THE DIFFERENCE

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. Twice a year, the members of the refuse collection vehicles committee discuss topics related to vehicles for the collection of recyclables and refuse. At present, its work is mainly characterised by legislative and standardisation projects and improvements in environmental efficiency. Driver and loader safety, cyber security, the integration and use of artificial intelligence, vehicle ergonomics, alternative drive systems of all kinds and official registration figures are other issues the working committee deals with. In addition, it nominates representatives for national, European and international standards committees (DIN, CEN and ISO). In this way, we ensure that important technical details for the industry can be developed at an early stage – true to the motto: if you don't standardise, you get standardised.

CHAIRMAN OF THE WORKING COMMITTEE
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MEMBERS



DÜNSCHEDE FAHRZEUGBAU
www.duenschede-fahrzeugbau.de



FAUN UMWELTTECHNIK GMBH & CO. KG
www.faun.com



NTM ENTSORGUNGSSYSTEME GMBH
www.ntm-deutschland.de



SCHMIDT KOMMUNALFAHRZEUGE GMBH
www.schmidt-kommunal.de



TERBERG HS GMBH
www.terberg-hs.de



VDL TRANSLIFT
www.vdltranslift.nl/de



ZÖLLER-KIPPER GMBH
www.zoeller-kipper.de

ROLL-OFF TIPPERS, SKIPLOADERS, CONTAINERS AND CRANES



UNIFORM STANDARDISATION SAFE SOLUTIONS FOR THE FUTURE

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 experience by participating in the corresponding DIN committees. Examples include the standards DIN 30720, 30722, 30723, 30730, 30735 and EN 12999. Visionary ideas lead to new developments. This is reflected, for example, in the already implemented systems for securing loads, the safe operation by remote control and the determination of the hoisting capacity of loading cranes. It is precisely such approaches that will continue to determine and promote our activities in the future.

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MEMBERS



ANTON FISCHBACHER E.K.
www.fischbacher-nussdorf.de



ALLPRESS RIES SERVICE-
UND VERTRIEBS GMBH
www.ries-pressen.de



ATLAS GMBH
www.atlasgmbh.com/de



BERINGER GMBH
www.beringer-behaelter.de



DE BOND
FAHRZEUGAUFBAUTEN
www.fahrzeugaufbauten.info



FASSI GRU S.P.A.
www.fassi.com



FERRO EICHINGER
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www.ferro-container.de



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UND MASCHINENFABRIK
GMBH & CO KG
www.meiller.com



GERGEN KIPPER- &
FAHRZEUGBAU GMBH
www.gergen-kipper.de



HIAB GERMANY GMBH
www.hiab.de



HMF LADEKRANE UND
HYDRAULIK GMBH
www.hmf-ladekrane.de



HÜFFERMANNT
TRANSPORTSYSTEME 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

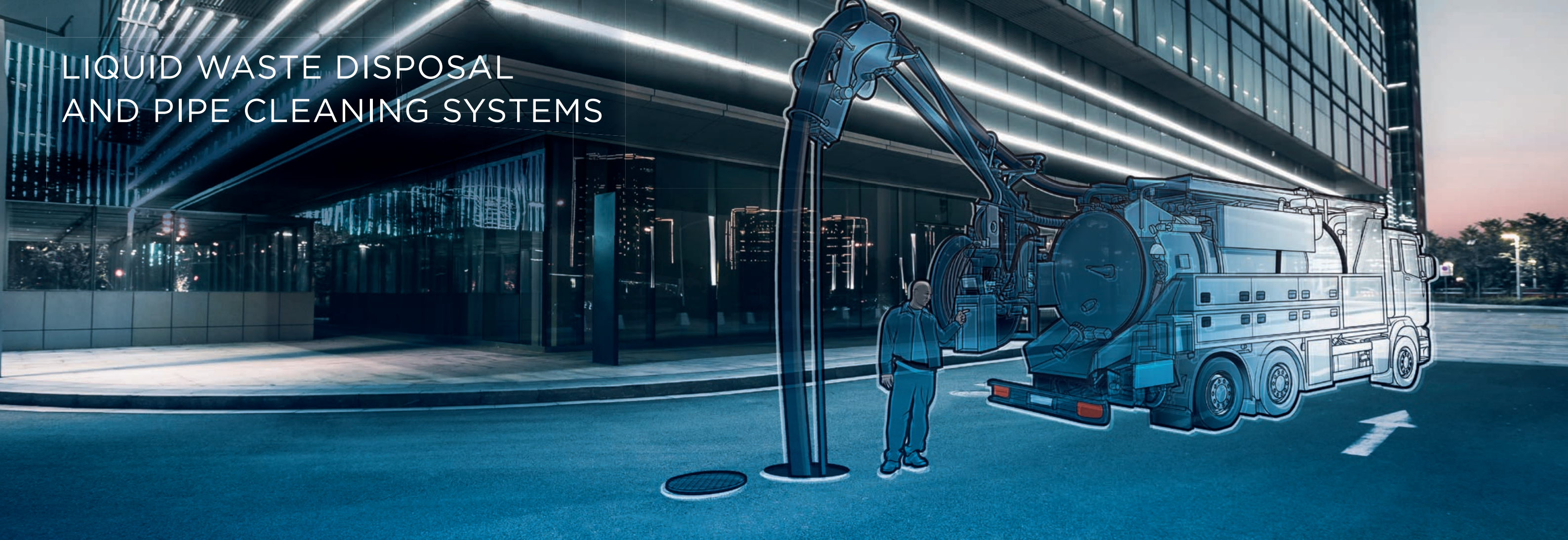


VDL CONTAINER
SYSTEMEN BV
www.vdlcontainersystemen.com



VILLIGER
ENTSORGUNGSSYSTEME AG
www.villiger.com

LIQUID WASTE DISPOSAL AND PIPE CLEANING SYSTEMS



UNIFORM STANDARDS THROUGHOUT EUROPE

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. One aim is to define standards for suction and flushing vehicles. 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 DIN SPEC for the calculation of the carbon emissions of special vehicles for pipe, sewer and industrial cleaning as well as the disposal of liquid waste.

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FFG UMWELTTECHNIK
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JOACHIM LEISTIKOW
GMBH
www.leistikow-gmbh.de



KAISER AG
FAHRZEUGWERK
www.kaiser.li



KROLL FAHRZEUGBAU-
UMWELTTECHNIK GMBH
www.kroll-fahrzeugbau.de



MÜLLER UMWELTTECHNIK
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www.mueller-umwelt.de



RESCHWITZER SAUGBAGGER
PRODUKTIONS GMBH
www.rsp-germany.com



SCHMIDT KOMMUNAL-
FAHRZEUGE GMBH
www.schmidt-kommunal.de



SCHRADER T+A FAHRZEUGBAU
GMBH & CO.KG
www.schrader.aero



WIEDEMANN ENVIRO TEC
GMBH & CO. KG
www.wiedemann-enviro-tec.de

ROAD SWEEPING VEHICLES AND DEVICES

EUROPEAN STANDARDS FOR ENVIRONMENTAL EFFICIENCY AND SIMPLIFIED TYPE APPROVALS

In its meetings, the road sweeping vehicles and devices committee discusses current topics such as assistance systems, new approval regulations, electromobility and their standardisation by DIN and ISO. The constantly changing conditions in the approval process are of great importance to us at the present time. Guidelines such as the GSR are becoming increasingly relevant to us. In the past we have contributed to the development of DIN EN 15429-3 Sweepers – Part 3: Efficiency of particulate matter collection – Testing and Evaluation. New projects such as the definition of an interface for ePTOs are currently in focus. A separate working committee has been set up with members from other working committees and manufacturers of vehicle bodies. Our aim is to develop a simple and universal way of connecting the truck chassis to the body.

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BUCHER MUNICIPAL GMBH
www.buchermunicipal.com



D.D.V. GMBH DULEVO
INTERNATIONAL
www.dulevo.de



FAUN VIATEC GMBH
www.faun.com



ICEE-JUNGO AG
www.jungo.eu



KÜPPER WEISSER GMBH
www.kuepper-weisser.de



WALTER & CO. GMBH
www.walter-co.de

ROAD OPERATION SERVICES



COMMON INTERFACES WINNING TECHNOLOGIES

The aim of the road operation services working committee is to discuss common interests internally, to find solution approaches and, if necessary, to represent them externally. We deal with economic and environmental policy issues that are relevant to the development, design and sale of machinery. Vehicle manufacturers and road operation machinery manufacturers are also concerned with the ever-increasing safety requirements of the German Road Vehicle Registration Regulation. We create standardised mechanical, hydraulic, electrical and digital interfaces between the vehicle and the equipment. The road operation services working committee actively supports various committees and delegates specialists to prepare standards for the German municipal services standards committee (NKT), the European Committee for Standardisation (CEN) and the International Organisation for Standardisation (ISO).

CHAIRMAN OF THE WORKING COMMITTEE

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MEMBERS



aebi schmidt
group

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HOLDING AG
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BUCHER
municipal

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WERNBERG GMBH
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EPOKE MASCHINENBAU
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www.epoke.de



HARALD DRUTZEL GMBH
KOMMUNALTECHNIK
www.drutzel.de



HERBERT DAMMANN GMBH
www.dammann-technik.de



JCB DEUTSCHLAND GMBH
www.jcb.com



KÜPPER WEISSER GMBH
www.kuepper-weisser.de



MULAG FAHRZEUGWERK
HEINZ WÖSSNER GMBH
UND CO. KG
www.mulag.de



ZEBRA GROUP S.R.O.
www.zebragroup.cz

TRUCK MANUFACTURERS



MAXIMUM POWER – MINIMUM EMISSIONS

The 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 safe and comfortable operation, thus enabling cost-efficient logistics and services in urban areas. Optimally designed for the job, our member companies' devices and municipal vehicles keep vehicle costs per activity unit low and benefit people as well as the environment with their low emissions.

The manufacturers thus make an important contribution to increasing the efficiency of their machines. At a time when climate protection has become a task of major importance for society as a whole, this has an effect far beyond our industries.

PARTNERS

DAF TRUCKS N.V.
www.daftrucks.com

DAIMLER TRUCK AG
www.daimlertruck.com

DESIGNWERK TECHNOLOGIES AG
www.designwerk.com

ENGINIUS GMBH
www.enginius.de

FORD TRUCKS
DEUTSCHLAND GMBH
www.ford-trucks.de

IVECO S.P.A.
www.iveco.com

MAN TRUCK & BUS SE
www.man-mn.de

















QUANTRON AG
www.quantron.net

SCANIA DEUTSCHLAND GMBH
www.scania.de



















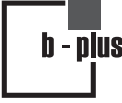
VOLVO GROUP TRUCKS
CENTRAL EUROPE GMBH
www.volvotrucks.de

SUPPLIERS OF ACCESSORIES

PARTNERS

DRIVE SYSTEMS		BANKE APS	www.banke.pro
EDUCATION AND TRAINING	 Akademie für Kommunalfahrzeugtechnik	AKT AKADEMIE FÜR KOMMUNALFAHRZEUGTECHNIK	www.kommunalfahrzeuge.biz
BRUSH SYSTEMS		WEBER BÜRSTEN-SYSTEME	www.weberbrushes.de
ENGINEERING		BOSCH ENGINEERING	www.bosch-engineering.de
VEHICLE EQUIPMENT		F+B NUTZFAHRZEUG	www.fb-nfz-technik.de
		HELLA GMBH	www.hella.com
		CEJN-PRODUCT GMBH	www.cejn.com
		MOBA AG	www.moba.de
		VISY GMBH	www.visy-gmbh.com
		REWALD GMBH	www.rewald.eu
VEHICLE RENTALS		BFS	www.bfs.tv
		ESCHEN NUTZFAHRZEUGE GMBH	www.eschen-nutzfahrzeuge.de
		KANALREINIGER	www.kanalreiniger.eu
		TIP TRAILER SERVICES GERMANY GMBH	www.tipeurope.com
FILTER SYSTEMS		TRABOLD	www.trabold.de
TRANSMISSION SYSTEMS		ALLISON	www.allisontransmission.com

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 developed several innovations making the entire

HYDRAULIC SYSTEMS	    	BUCHER HYDRAULICS GERHARD W. RUPPEL HYDRO LEDUC WESTHOFF WILHELM FRICKE SE	www.bucherhydraulics.com www.ruppel-hydraulik.de www.hydroleduc.com www.westhoff-hydraulik.de www.granit-parts.com
IDENTIFICATION AND WEIGHING SYSTEMS	  	PFREUNDT SYWATEC WELVAARTS	www.pfreundt.de www.sywatec.de www.welvaarts.de
CAMERA SYSTEMS		MOTEC GMBH	www.motec-cameras.com
PUMP UNITS	  	CVS ENGINEERING GARDNER DENVER URACA	www.cvs-eng.de www.gd-transport.com www.uraca.de
HOSING	  	GRÜNING & LOSKE HUGO FRAUENHOF TRELLEBORG	www.gruelo.de www.frauenhof.de www.trelleborg.com/de/fluidhandling
LUBRICATION SYSTEMS		BAIER + KÖPPEL	www.beka-lube.de
SOFTWARE ENGINEERING	 	BUCHER AUTOMATION SEMASQUARE GMBH	www.bucherautomation.com www.semasquare.com
CONTROL UNIT DEVELOPMENT		B-PLUS GMBH	www.b-plus.com

industry a major sector in Europe. Installed in customers’ equipment and municipal vehicles, our partner companies’ products make full use of the technical opportunities available. This has resulted in the development of a distinct brand awareness.



MAINTAINING QUALITY OF LIFE – DRIVING PROGRESS

Developing ideas, testing new technologies and helping to shape the future – this is what the VAK is committed to in its function as the advocate of the municipal vehicles and equipment industry. We accept urban challenges and work to maintain and continuously improve people's quality of life. This requires a culture of progress and innovation – which is why we have created the VAK Innovation Award. The Innovation Award is traditionally presented at a ceremony on the first day of IFAT.





THE JOINT VAK STAND AND THE TRUCK IN ACTION SHOW

EFFICIENT SOLUTIONS - ENVIRONMENTAL
ENGINEERING FOR THE FUTURE

IFAT
Munich

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.

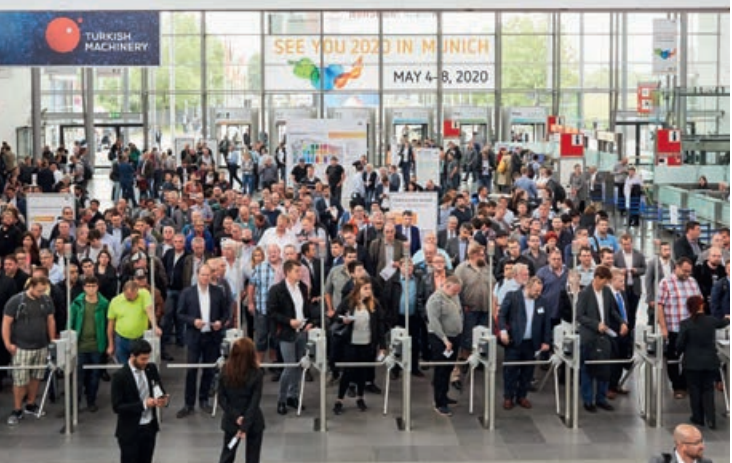
VISITOR STRUCTURE BY SECTOR

				
38,467	44,166	12,823	27,070	19,946
Municipal utilities and waste management organizations	Industry / manufacturing	Private utilities and waste management organizations	Engineering offices, consultants, service providers	Trade, authorities, universities, vocational schools, science, research, associations

A SHOWCASE
FOR EXPERTISE

The VAK is an endorsing sponsor of IFAT, where some 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 and innovations at our joint VAK stand. At our VAK Truck in Action Show, visitors can moreover experience our member companies' vehicles – and hence state-of-the-art technology – at first hand.



VAK TRUCK IN ACTION SHOW:
EXPERIENCE LIVE DEMONSTRATIONS UP CLOSE

At this show, you will see innovative new vehicles and bodies. The VAK Truck in Action Show offers you the opportunity to obtain detailed explanations of the processes and workflows of the vehicles and bodies. VAK members from five working committees send their trucks and machines onto the stage for live demonstrations and presentations of the complete range of municipal processes.

Every day of the trade fair, our member companies will present around 60 different vehicles at the VAK Truck in Action Show.





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