

Automotive technology for
an environment with future



We handle the toughest requirements

Standardized variety
From pipe cleaning
to industrial cleaning
and the transport of
hazardous materials

The high requirements of our customers worldwide are the basis for each of our services. Because in our case there is in fact no such thing as standard solutions. Our high performance equipment has mostly been custom made and thus precisely tailored and configured for the intended purpose. Customer wishes and our individual implementation of them count with us as "standardized variety".

Even at the design stage of our equipment we follow the principle that it is essential that it meets three criteria upon completion: a long working life thanks to top-quality materials and workmanship, a high degree of user convenience for daily use, and reliability through technical perfection. Because we build our equipment to meet the toughest requirements in all fields, for everything from simple pipe cleaning to the cleaning of drains of more than two metres in diameter, or for industrial cleaning and the transport of hazardous materials. This means that the range of requirements for suction and high-pressure tanker vehicles is almost infinitely large. We offer everything that is possible on the basis of the very latest technology, in compliance with international regulations and standards, and in accordance with the laws of physics. Sometimes the toughest challenge for our customers is to decide which of our technical solutions best meets their own needs.

	Tank size up to m³	Tank material steel	Tank material stainless steel	Tank material plastic	Multi-chamber system	Without drainage aid	Drag piston	Pneumatic piston	Rear tipping	Fully opening rear door	Vacuum pump capacity can be selected	High-pressure pump capacity can be selected	Optional high-pressure jetting pump	Optional remote control	Without ADR	With ADR/ATEX	Options and accessories
High-pressure jetting vehicles																	
High-pressure jetting van-packs	2			x								x	x				x
High-pressure jetting attachments	14	x	x									x	x				x
Suction vehicles																	
Suction vehicles	20	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Suction tank trailers	14	x	x			x	x	x	x	x	x	x	x	x	x	x	x
Suction semi trailers	30	x	x			x	x	x	x	x	x	x	x	x	x	x	x
Tank cleaner	14	x	x		x	x		x		x	x	x	x			x	x
Suction and jetting vehicles																	
Combined vehicles	20	x	x				x	x	x	x	x			x	x	x	x
Suction and jetting vehicles with water recovery																	
Recycler III	20	x	x					x			x	x		x	x		x
Recycler IV	20	x	x		x			x			x	x		x	x		x
Recycler V	20	x	x						x		v	x		x	x		x

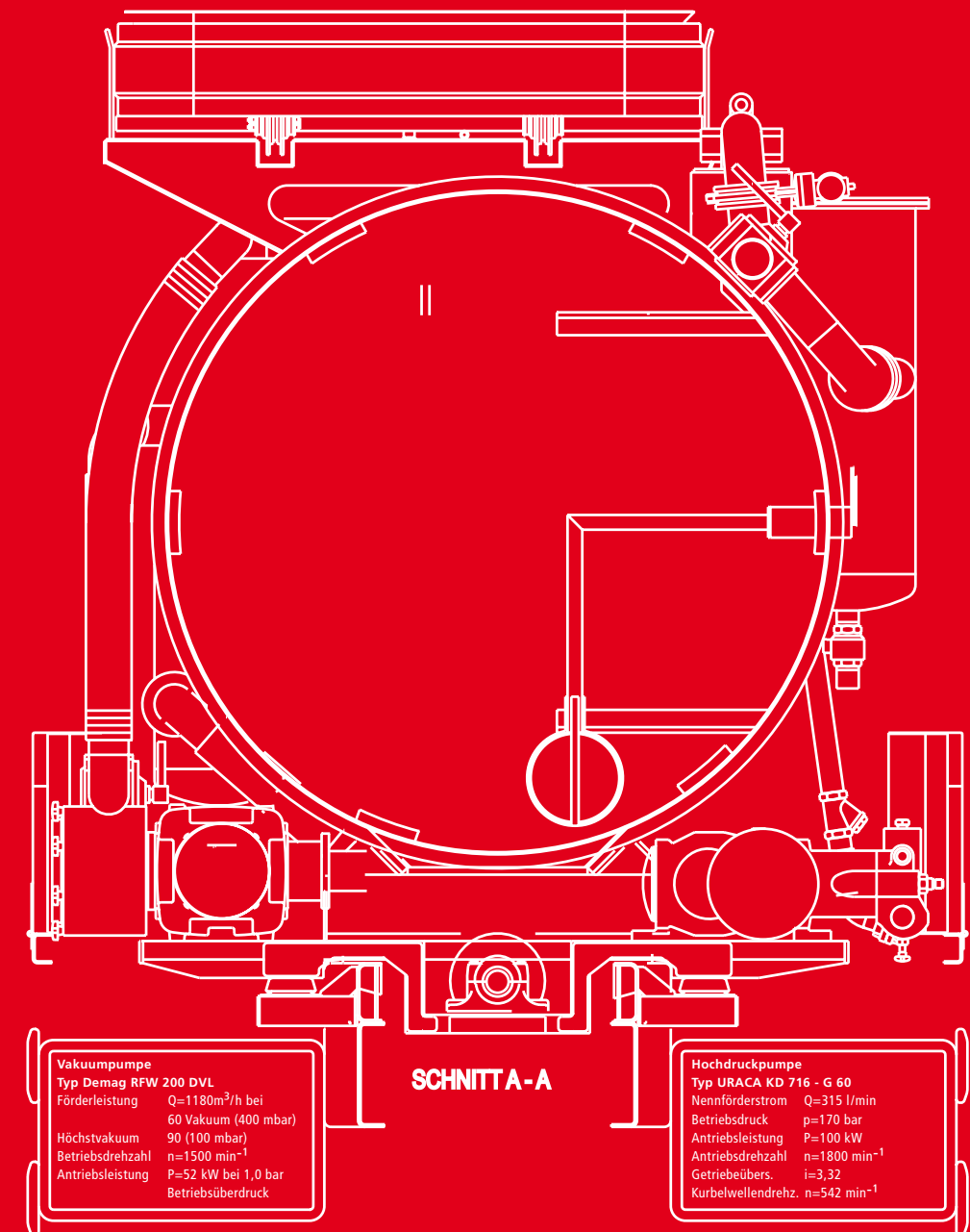


Detail engineering for maximum efficiency

Made by KROLL—from planning to assembly

The entire value creation process from the planning to final completion is done at our plants in Germany.

1.
Consultation, sales
Competent consulting is very important for the individual implementation of customer requirements right from the very beginning. Our sales staff start by clarifying the technical requirements, advise when it comes to selecting the individual components that are required and ensure that what is finally supplied matched the details from the customer.
2.
Concept, design
In the basic and detailed engineering our designers check and ensure the technical feasibility, first producing an outline drawing for approval by the customer. The commercial section draws up a suitable financing model together with the customer.
3.
Procurement, production
Professional supplier management is a continuous process with us and one that determines our success. The basic philosophy behind and the guarantee for the very top quality in our manufacturing process is the use of autonomous work groups made up of long-term employees at our locations in Wesel, Hünxe and Wittstock. They are trained as specialists or all-rounders in the assembly, mechanical engineering, welding, pneumatics, hydraulics and electrical/electronic fields. Our work groups manufacture and assemble everything from the first to the last screw in "their" products and thus feel responsible for the results of their work in the highest degree.
4.
Acceptance of the basic body
Once all the components have been procured, prefabricated and put together on the chassis, our customers can check the basic body once again to verify that it conforms to what was ordered in the contract. This individual acceptance not only means a high degree of contractual security but also allows changes and additions to be incorporated.
5.
Final assembly
All the main parts and components are painted individually at our plants and subsequently assembled, connected and put into operation by the relevant work group.
6.
Test phase, instruction
We check all the functions of the vehicle with intensive tests and logged measurements before we give theoretical and practical instruction to the customer on operation. Our group leaders test out typical work assignments in subsequent use and demonstrate the capabilities of the equipment.



Even the toughest job is easier with the right technology

Leading-edge control technology (Can-Bus)

Patented technology

High-quality

workmanship

Maximum user

convenience

There are innumerable details that reveal the very special nature of the KROLL-/Hellmers technology. Together they result in specific solutions for municipal, industrial or individual applications.

Experts quickly spot the special features of our vehicles. These include, in addition to high-quality workmanship, a wide variety of reel/outrigger versions, maximum user convenience through the use of the very latest CAN-BUS control technology (KROLL CAN MATIC), cassette-type outriggers to protect the suction hoses, with the maximum possible tractive force, continuous development of water recovery technology with the best possible clean water quality for the lowest amount of wear of the pumps, power control to save energy and the environment, the processing of special, corrosion-resistant types of stainless steel, especially for industrial applications in ADR/ATEX configuration, mobile treatment of mud and sludge containing oils and greases, etc.

Innovative and patented technology, process-oriented work flows throughout the entire value creation chain and a maximum degree of self-responsibility on the part of all our employees make KROLL-/Hellmers vehicles simply the best in their class worldwide.



Our full service capability is virtually never called for

24h service worldwide
Remote diagnostics via
GSM/GPRS, independent
unit testing
First inspection
at no charge
Individual support

Good service is always right there at the place where it is needed, but it is naturally best of all if it is never even needed. Our technology and services ensure that our vehicles have a long working life and as few problems as possible. With the aid of the built-in monitoring functions our controllers can constantly check the operating states of the main units and show when maintenance work is necessary, such as if the pump has too little oil. In addition, automatic functions and safety cutouts prevent possible damage due to operator errors or critical operating data.

We offer our customers a free first inspection eight weeks after the purchase, through which we further increase the long-term freedom from problems. If, nonetheless, a vehicle should break down, our customers can always rely on our service: we can be reached worldwide 24 hours a day, and in extreme cases we can send a technician to the vehicle within 24 hours. We also keep a comprehensive stock of spare parts for quick availability.

We can log in directly into the vehicle controller by means of GSM/GPRS and carry out remote diagnostics or deal with errors as required.

We carry out comprehensive repairs on all makes at our own repair workshops or through our authorized service partners.

However, the most important aspect of our service is personal and individual support and help through our highly committed service managers and technicians. Because for us service is something to be done for the customer and is characterized by its partner-like nature—competent, reliable, personal.



The greatest amount of experience requires us to show the best results...

Germany's leading manufacturer
 A tradition of constructing vehicles since 1812
 Certified quality (DIN EN ISO 9001:2000)

Today we are the leading German manufacturer and one of the leading makers in Europe for vehicle structures involving environmental technology. We currently produce around 250 vehicle structures and items of equipment per year at our locations in Wesel, Hünxe and Wittstock. Together with our own developments and experience, we can make a claim to not only being the leader in this market but also a leader in technology and quality.

At the end of the day, the name of KROLL has stood for solutions to demanding problems in environmental technology since 1960. But in fact our tradition goes much further back. The purchase of Hellmers GmbH Fahrzeugbau in Wittstock brings a piece of German vehicle construction history into our corporate group, since its origins go all the way back to the year 1812.

As a result of the merger we were able to combine the know-how, the capabilities and the experience of both the companies. In addition, our customers benefit from the greater flexibility in resources planning offered by two separate production locations.

Through our owner company, ROTHENBERGER AG, we are a part of a successful corporate group that is integrated into a worldwide network with over 50 companies in the group.

The high claim to quality by our company is expressed, last but by no means least in a quality and process management system in compliance with DIN EN ISO 9001:2000 that has been in place for many years, is continuously being developed further, and is audited successfully every year.



... worldwide.

- Egypt
- Benelux
- PRC
- Denmark
- Ecuador
- Gabun
- U.K.
- India
- Eire
- Cuba
- Mexico
- Poland
- Singapore
- Romania
- Russia
- Slovenia
- Spain
- Czech Republic
- Turkey
- Ukraine
- UAE
- ...

We have come a long way with our technology. Our customers throughout the entire world share the same claim to top quality and reliability. Whether it is for the Moscow sewer and drainage system or for the US military. KROLL high-performance vehicles are at work in 40 countries on five continents and in almost every climatic zone, down to minus 20°C in Siberia or up to plus 50°C in the Persian Gulf.

Here we are always ready to accommodate the some extent extremely varied requirements and wishes of our international clientele. We can be reached worldwide through short routes thanks to our representatives all around the world.

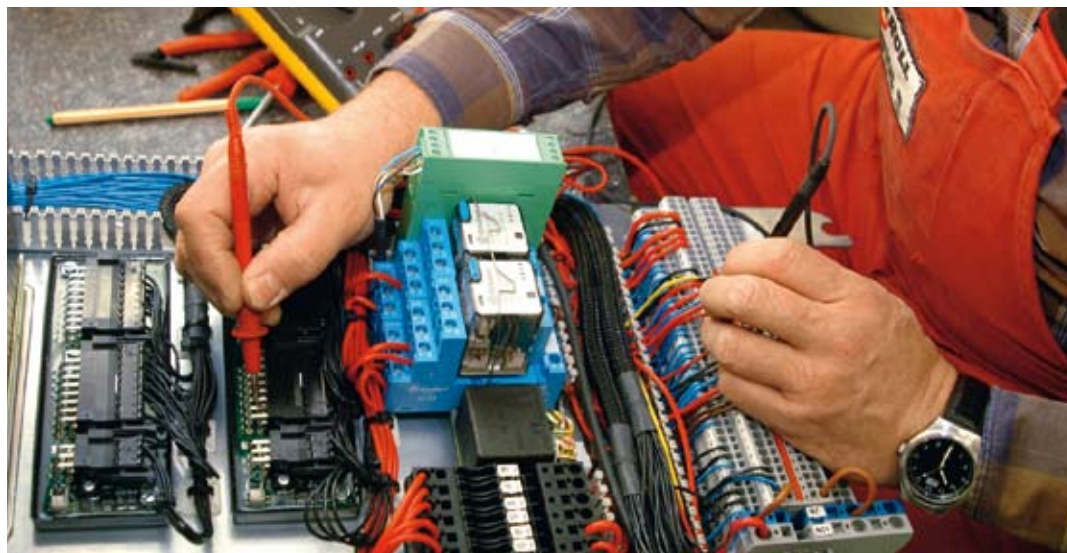
It is not just our worldwide sales operations that talk to our customers in many different languages, through our innovative controller technology many of our special vehicles also communicate with their operators in all the languages of the world.



- Vehicle models
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- > Combined vehicle
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 - > ROJET
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- > Suction vehicle
 - > Tank cleaner
 - > Suction semi trailer



All production takes place in our own factories in Wesel, Hünxe and Wittstock.



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