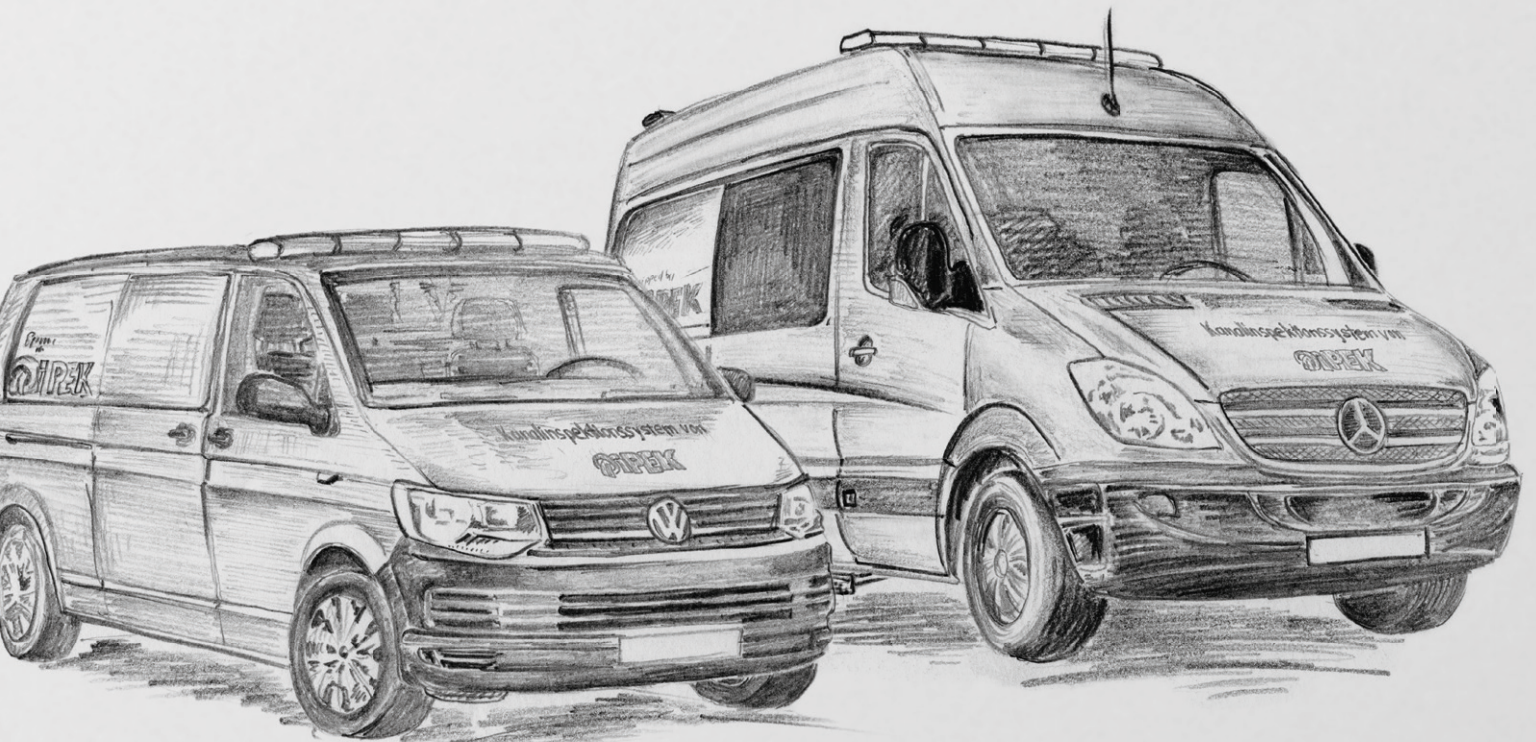


INSPECTION VEHICLES

User-friendly all-in-one solutions



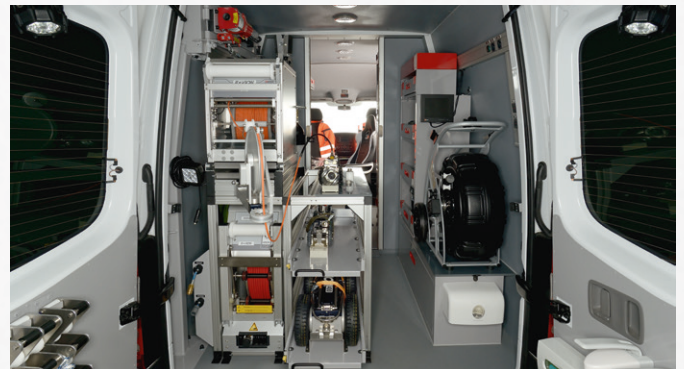
IPEK INSPECTION VEHICLES

DEMAND-ORIENTED AND BUDGET-FRIENDLY WITH MULTIPLE CONFIGURATIONS

With the fully equipped, ready-to-use inspection vehicles iPEK takes the next logical step towards fulfilling the customer's needs at best. Based on two different vehicle classes two general concepts with diversified configuration options for different needs and fields of application are available. In this brochure three examples for possible modular variants are presented. As the variants "Entry" and "Smart" are designed for the inspection of real estate drainage and main pipes, the option "Fusion" additionally offers an extended system for satellite inspections. All iPEK inspection vehicles impress with a peerless price-performance ratio and can be operated with a normal car driver's licence.

All advantages at a glance:

- Everything from one source: Vehicle, fit out and inspection systems
- Vehicle concepts perfectly designed for iPEK inspection systems
- Various vehicle and fit out options for different fields of application
- Maximum flexibility based on approved iPEK compatibility
- Optimal price-performance ratio



FULL FLEXIBILITY FOR THE CUSTOMER

The compatibility between the inspection systems AGILIOS and ROVION as well as the different components within the modular ROVION system make the iPEK inspection vehicles a convenient all-in-one solution with full flexibility for the customer. Besides the iPEK systems also the elaborate and extendable vehicle fit out concepts allow a quick reaction to changing framework conditions in the business segment.

ADDED VALUE IN DAILY USE



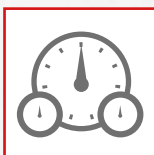
Ergonomics

The turnkey and ready-to-use inspection vehicles are perfectly designed for the iPEK product range and the respective field of application. All vehicle concepts guarantee highest convenience in daily use due to an ergonomically optimized operator room and an elaborate space concept. The modular system offers full flexibility and various possibilities for individual extension to the client.



Two general demand-oriented fit out concepts

The lengthwise fit out concept enables the operator to monitor the rear of the vehicle and to directly communicate with the inspectors without leaving the operator room. With a sliding door the rear section and the operator room can be separated. The crosswise fit out concept allows a bigger operator room and represents a budget-friendly solution due to the relatively compact components and the waiver of an automatic lifting crane.



High-end command centre with control panel DCX5000

The DCX5000 is THE reference product within the range of control panels on the market and specially designed for vehicle fit outs. With the multi-functional, ergonomic control panel all inspection tasks can be managed centrally and fatigue-proof. The DCX5000 can be integrated in all modular variants.



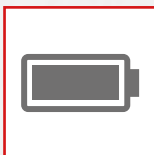
Crawler RX130

The modular crawler RX130 is one of the most versatile crawlers on the market and available for all modular variants. The RX130 enables the inspection of pipe diameters ranging from DN150 up to DN1000. The iPEK's QCD, various adaptors, additional modules and separate pressure chambers allow a fast set up and configuration for specific challenges.



Software WinCan Expert

The software package WinCan Expert is the optimal solution for utilizing all possibilities provided by the iPEK technologies and for comfortable data processing. The software offers unlimited compatibility even beyond the installed system components.



High-quality batteries by LEAB

In all fit out concepts a 100Ah lithium-ion accumulator in combination with a control unit by LEAB is installed by default. Many years of experience in the field of mobile power supply guarantee a reliable operation in all situations. If required, the capacity can be individually enhanced with additional battery packs.



Vehicles with a total weight of max. 3.5 tons

All vehicle fit out concepts are designed in order to make them match the 3.5 tons limit so that they can be operated with a normal car-driving license. The advantages are obvious: No additional costs for the companies to pay for obtaining truck driver's licenses, a greater range due to a higher velocity and convenient manoeuvring in urban areas.

ENTRY & SMART

The budget-friendly compact solution unfolds its strengths particularly in narrow urban areas. Various basic vehicles as well as engine and drive systems allow an individual configuration.



Advantages:

- The crosswise fit out concept offers a spacious room layout and a big operator desk
- Perfect for urban applications due to the compact basic vehicle

EXEMPLARY MODULAR VARIANTS FOR DIFFERENT VEHICLE CLASSES

The presented variants serve as examples designed for different fields of application and budgets. "Entry" is designed as the budget-friendly starting-level solution for the inspection of real estate drainage and main pipes and only available for the compact vehicle class. Solution "Smart" can be realised with both vehicle classes and is designed for the same field of application. As the extension possibilities are limited in the compact class, the big vehicle class offers all modular extension options. The solution "Fusion" additionally has a SAT system on board which enables inspections of laterals.

Besides these fit out examples of course completely individual solutions with the iPEK product range are offered.

SMART



RX130



AR90II

ENTRY



RX95



AR90II



RMX200



VC200

SMART & FUSION

The all-purpose solution offers many advantages in daily use based on the lengthwise fit out concept. It guarantees maximum flexibility for the customer, as it is extendable with all iPEK systems. Also in this vehicle class various engine- and drive systems are available.



Advantages:

- The lengthwise fit out concept enables the operator to monitor the rear section and facilitates communication between the inspectors
- Modular fit out and maximum flexibility in application
- The elaborate concept offers lots of space for all iPEK systems and stowage for accessories and office equipment

FUSION



RX95 + RX130



RX140SAT



AR90II + VC200



RAX300



RAX SAT150



DCX5000



RAX300



VC200

Alternatively
extendable
with

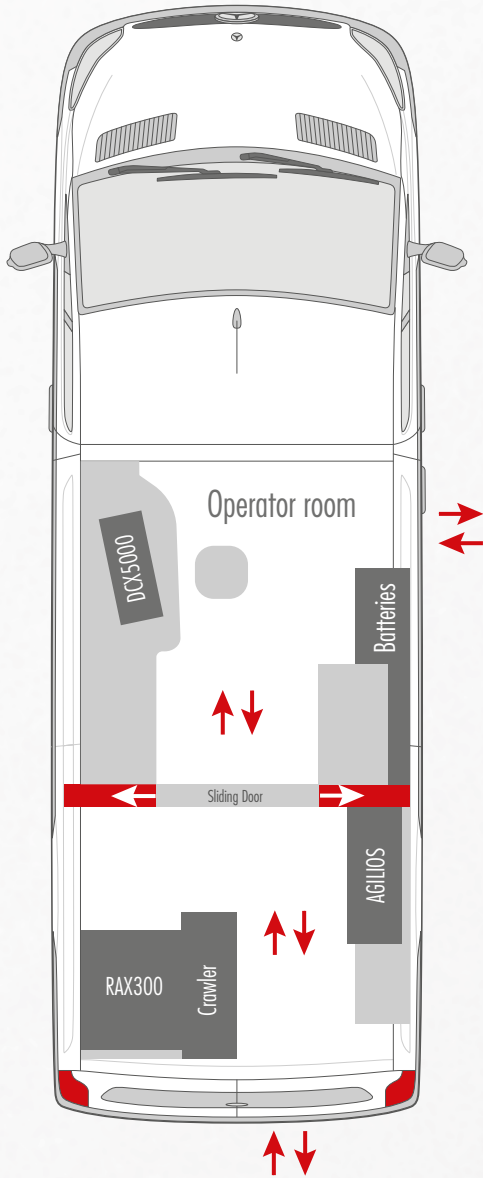


DCX5000

Inspection vehicles –
As flexible as you are.

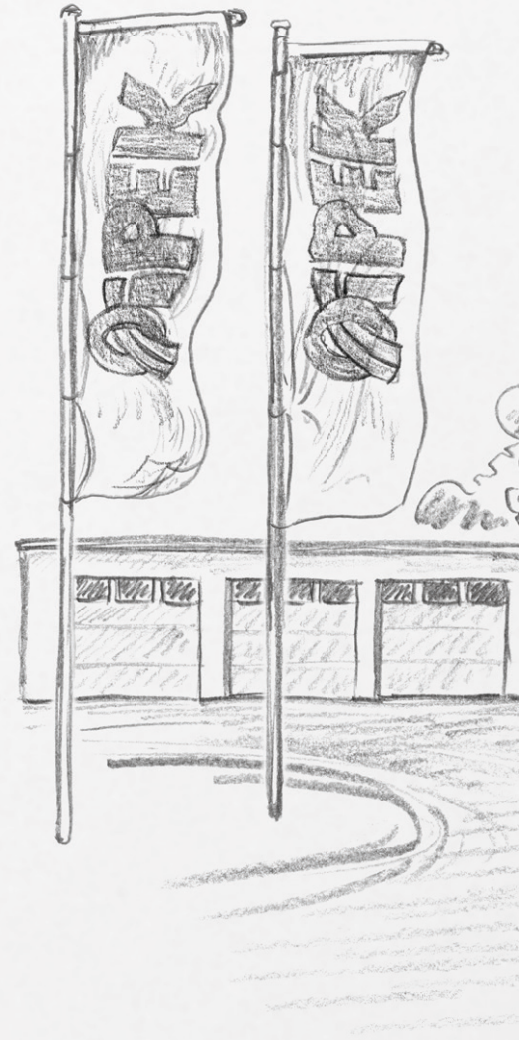
THE GENERAL FIT OUT CONCEPTS

DEMAND-ORIENTED, ELABORATE, SPACIOUS



LENGTHWISE FIT OUT CONCEPT

The lengthwise modular variant offers two central advantages: On the one hand direct communication with the inspector at the manhole and on the other hand high security level. The inspector does not need to exit the side door into the traffic space, but can walk through to the rear and exit right beneath the manhole. The fit out concept furthermore enables a direct view to the rear section of the car from the operator room. Rear section and operator room can be separated with a transparent sliding door, providing an acoustic shielding, for example from traffic noise, but still leaving an open view to the rear section. Although the operator room is a bit smaller than with the cross-wise concept, the seats of the drivers cabin can be turned so that a conference situation is created. The size of the vehicle in this vehicle class additionally allows an automatic crane for lifting and lowering the crawlers.



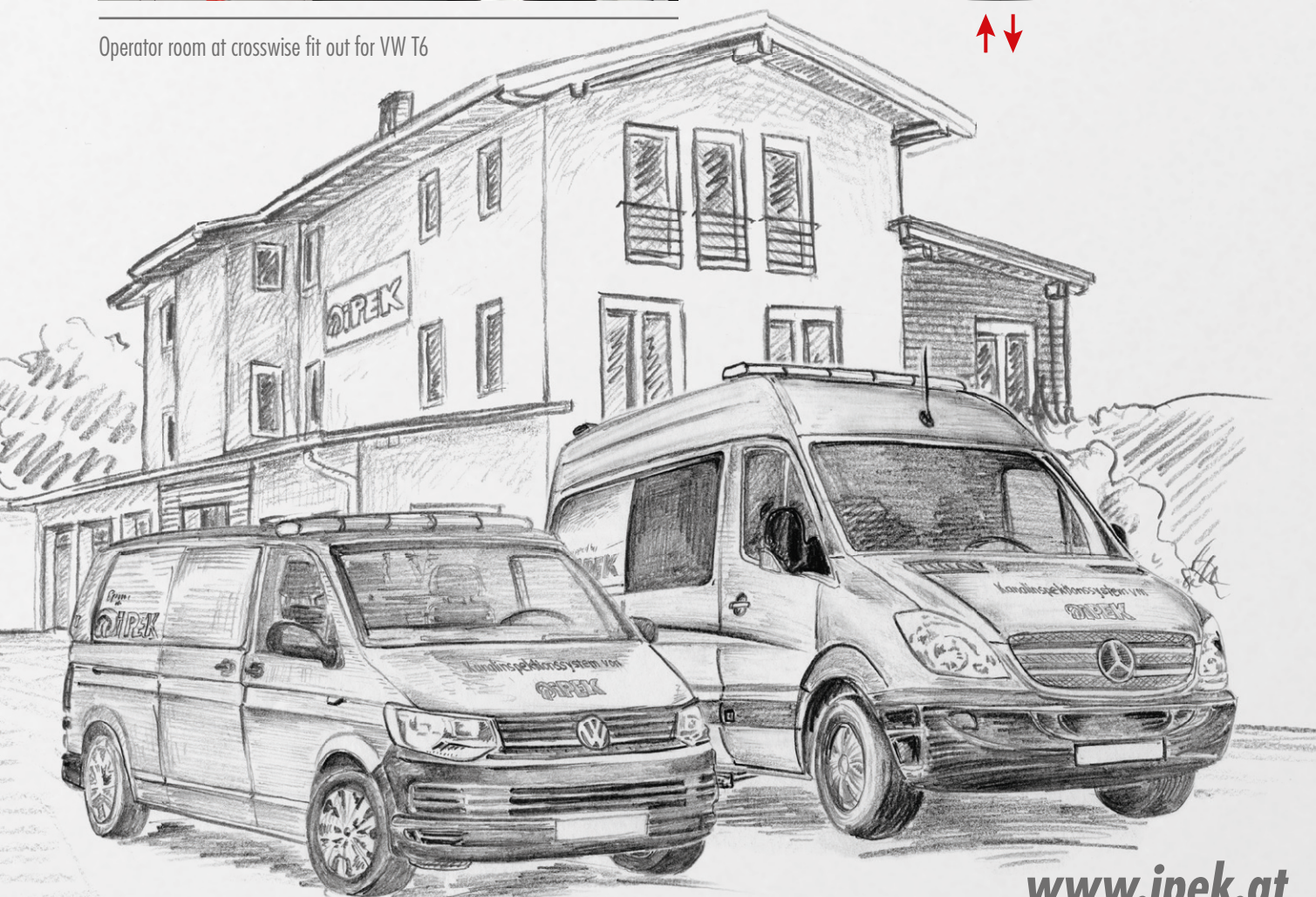
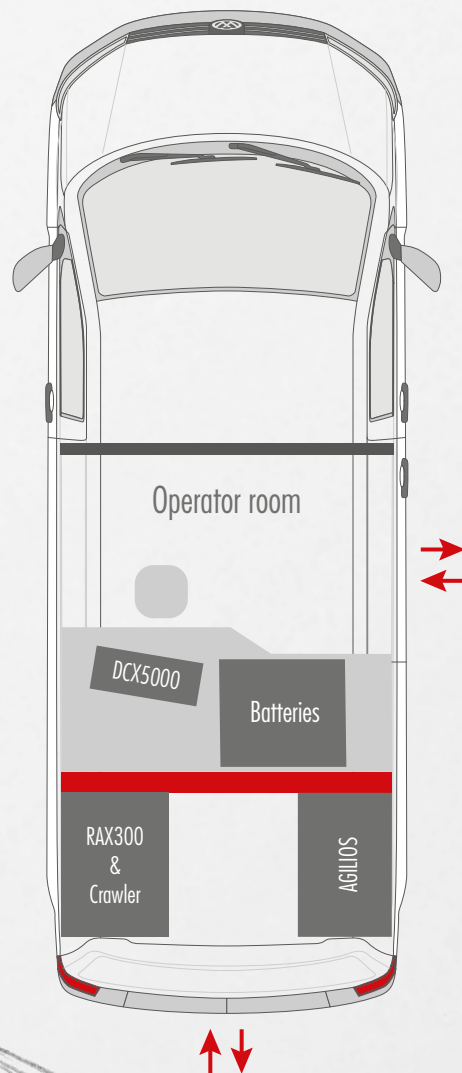
Operator room at lengthwise fit out for Mercedes Sprinter

CROSSWISE FIT OUT CONCEPT

At the crosswise modular variant the operator room is separated from the rear section. This concept provides a comparably spacious operator room with an ergonomic optimized desk. Especially in labour situations with a high noise level this concept allows concentrated operation. The compact dimensions particularly qualify this solution for the application in urban areas with a high traffic density. The comparably compact components and the waiver of an automatic lifting crane make this concept a budget-friendly option.



Operator room at crosswise fit out for VW T6





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