



Tailor-made lifting equipment



HETEK – Innovative lifting equipment.

For containers, functional units,
trailers and trucks.

Putting your mobile world on secure footing

Bespoke solutions for unique requirements

HETEK has been developing, constructing and manufacturing high quality and highly reliable lifting equipment for over 60 years. Our products have proven themselves world-wide and incorporate a balanced mix of traditional and innovative design elements, which forms the basis of the high quality of our lifting equipment "made in Germany". We also provide high-quality after-sales service and guarantee spare part availability for a long period of time. Unique requirements can only be met with custom-made solutions. This is why our lifting equipment has been designed to be highly customizable and adaptable, no matter whether it is used for loading containers, or operating mobile kitchens or SatCom ground terminals. Our standard lifting equipment modules and expertise allow us to quickly design and build lifting solutions to your specification with high safety standards and attractively priced.

Our modern CAD and production technology also allows us to reliably adapt and integrate our standard hoisting equipment to fit your mobile systems. We place great value on closely collaborating with our customers and are able to work with all types of editable drawing file formats.

Our ISO 9001:2008 certified quality management and EN 1090 welding quality management systems guarantee a very high level of product safety. All of our products are furthermore function-tested with extremely high loads before delivery, and these tests are documented in detail.

Those of our products that are manufactured for the military sector are furnished with NATO stock numbers (NSN), which allows them to be clearly identified and traced back to the original manufacturer.

HETEK is a medium-sized company and distinguishes itself through its flat hierarchies and short decision-making processes. Our decades of experience in developing and building high-quality hoisting equipment allows us to react rapidly and competently, and to quickly provide you with lifting systems tailored to your requirements.



Type 282 levelling supports for mobile toll station.



Type 248 levelling supports on field camp containers.



HETEK container products

Containers are often used as mobile systems for a wide variety of applications. These applications range from simple office and equipment storage containers made from steel to highly complicated communications, medical and radar unit containers manufactured from special shielded and protective materials.

All of these mobile systems need to be loaded to convey them to their site of use, and then unloaded, moved into place, and levelled to ensure that they work properly - which is precisely what our robust and reliable lifting systems are built to achieve.

Our levelling supports are designed for adjusting the inclination of containers on the ground, our heavy-duty rollers and lifting wheels for moving them, and our special lifting gantries are capable of performing two distinct operations: loading/unloading containers from trucks and moving them on the ground.

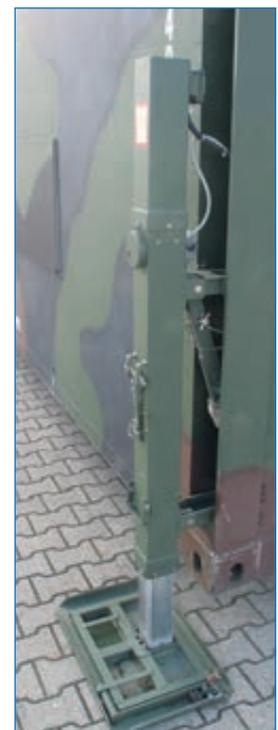
HETEK offers a wide range of lifting and levelling systems and matching movement equipment. Our lifting equipment is often designed to interface with containers through ISO container corner castings, but can be easily adapted for special solutions, e.g. for attaching in recesses.



Type 260 lifting system with automatic position control.



Type 260 lifting system with push out boom for fire brigade coordinating centre.



Putting your mobile world on secure footing

HETEK truck and trailer products

Our products for mobile units are designed for use in both trucks, buses, small vans, pick-ups and quads, and on all kinds of trailers. However, in order to ensure that the mobile unit works properly, it is absolutely vital to stabilise the vehicle or trailer first.

To most users, being able to use a mobile unit quickly at its site of use is often extremely important and a high priority. For this reason, our relevant levelling supports are fitted with an additional telescopic drop type quick release, which allows them to be quickly adjusted.

All of our products can be modified in number of ways, which means that we can easily customise them to suit your purposes. Whether you need your product to be equipped with a simple manual drive or electric motor with automatic position control, permanently fitted into place or retractable, or whether you need it to be operable from the inside or outside of the vehicle, or as a standard model or an even stronger version - we can design and produce a product that will meet your requirements.



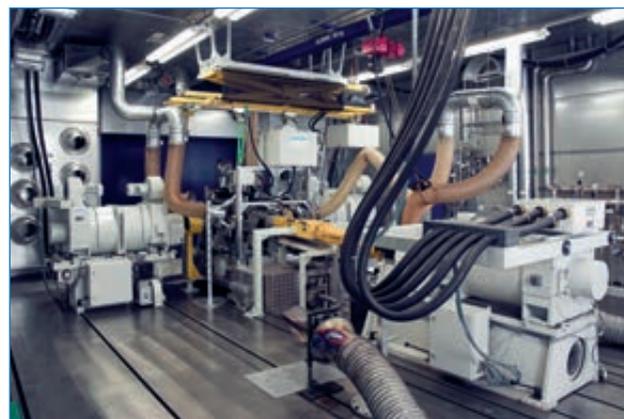
Type 287/B levelling support with automatic levelling mechanism.



HETEK industrial and engineering products

Our extensive experience with traditional lifting equipment has allowed us extend our product range by industrial lifting equipment in recent years and to develop a number of bespoke products for different customers.

Our industrial lifting equipment product range is designed for a wide range of uses and requirements, and includes products such as scissor lifting mechanisms for lifting and lowering testing devices and instruments in car engine test modules, incrementally-adjustable supports for aircraft landing flap transport frames, components for adjusting machines, assembly dollies, tilting devices for barrels and height adjustment devices for aircraft maintenance and repair platforms with manual, electric and pneumatic drives.



Type 271 scissor lifting device for engine and gearbox test stands.

HETEK products for functional units

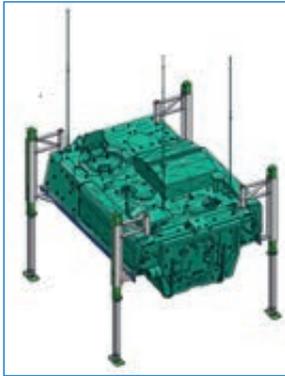
Functional units can be used in a wide range of areas, which is why their importance has significantly increased in recent years. They generally have a uniform interface to a carrier vehicle and are designed, for instance, as personnel transport units, washroom units, workshop units or water cannons.

In order to ensure that the functional unit on a truck can be swapped as required irrespective of other lifting gear, they are changed using lifting systems. Functional units come in a wide range of different designs, which is why the depositing systems used to set them down also significantly vary.

Functional units are generally changed at stations or bases. Alternatively, our depositing systems can also be carried in a storage or transport rack. This will allow the particular module to be lowered, for instance, for use on the ground onsite. Our depositing systems can also be used to stabilise functional units if used while mounted on vehicles.



Functional unit with type 296/A-based depositing system.



Type 236-based modular depositing system for armoured functional units.



Type 297/B depositing system for changing modules on a vehicle.



Image on left: SatCom transmission module with type 298 zero backlash levelling supports.



Putting your mobile world on secure footing

Lifting systems

Our lifting systems are designed to allow you to load and unload containers or units without having to use additional lifting equipment. A lifting system comprises four individual supports. Each of these supports has a carrying capacity of half of the system's total carrying capacity. This guarantees a high level of safety when using these supports. If a lifting system is set up modularly for greater ease of use, and if it is used for lifting a number of containers, it is called a depositing system.

Our lifting systems are designed to carry loads of up to 15 t and for lifting heights of up to 2000 mm. Lifting systems are generally attached to containers at the ISO corners. However, HETEK is also able to produce special connectors. All of our lifting systems come with high-quality corrosion protection.

Our lifting systems with position control and inclination sensor ensure that units loaded in uneven terrain are lifted and lowered parallel to the ground. These lifting systems are capable of offsetting inclinations to zero degrees with a precision of +/- 0.1 degrees, and come with a safety shut-down function for inclines greater than 3.5 degrees (or greater, depending on the project) and a control unit to control the individual supports.

In addition to our standard lifting system range, we also design and build special-purpose solutions to customers' specifications. These include a slide-in lifting system that only requires 200 mm of space between the container and operator's cab, and air-conditioned control boxes for use in desert areas, to name just a few examples. All HETEK lifting systems feature dust and sand-proof telescopic tubes with an internal encapsulated spindle.



Type 260 lifting device with mobile surgical unit.

Type 257 manual lifting system with push out booms.

Levelling supports

Our levelling supports can generally achieve a maximum height of 600 mm and have a total carrying capacity of up to 16 t (dynamic loads) and 26 t (static loads).

They are typically used on containers, vehicles and functional units that have to be aligned and stabilised relative to the ground. They can also be used for setting up larger functional units such as mobile hospitals or field camps.

Our levelling supports range from supports with encased spindles for DIN ISO 1161 corner fittings and plug-in levelling supports to levelling supports integrated into corner posts and recesses for optimum transport dimensions. They can also be fitted with a range of connecting elements, such as plates, collar plates, cleats or swivel mechanisms. All of our levelling supports come with extremely high corrosion protection.

These supports are frequently operated manually with hand ratchets, spanners or crank handles. For optimum ease of operation, we also supply an electric motor drive with position control, which automatically offsets inclinations to zero degrees.



Container movement systems

HETEK's heavy duty roller movement set is designed for moving containers over solid ground. The rollers are attached at the bottom at the ISO corners, which ensures a maximum level of stability, and keeps the lateral openings in the ISO corners free for other uses. When used together with HETEK's levelling supports and the universal adapter for different container heights, the heavy duty rollers make it possible to move containers without the use of cranes or forklifts.

Our lifting gantries combine the functions of both a lifting system and heavy duty rollers in a single unit. This means that they can be used to unload containers from a truck and to immediately move the container into a production hall using the same device, and hence completely remove the need for an indoor or truck-mounted crane. This can save considerable time, in particular in emergencies. They also make it possible to move containers in constricted spaces. In addition, the auxiliary wheels on each carriage make it possible to quickly and easily position the lifting gantries.

Our lifting wheels can be used to move containers with a weight of up to 17 t on less solid and slightly uneven ground. They are designed to be fitted to the ISO corners from the side, which makes containers very easy to manoeuvre and allows them to be moved with different kinds of vehicles. Lifting wheels can also be used for loading smaller containers and structures into cargo planes.



HETEK - Putting your mobile world on secure footing.

Suitable for a wide range of applications.

Time-tested and innovative.

High quality German products.

Bespoke solutions.

Produced by a highly experienced and competent team.

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Version 14.200.500.04. We reserve the right to make changes to reflect current alterations in design or technical details. Illustrations may show special models or optional equipment.

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