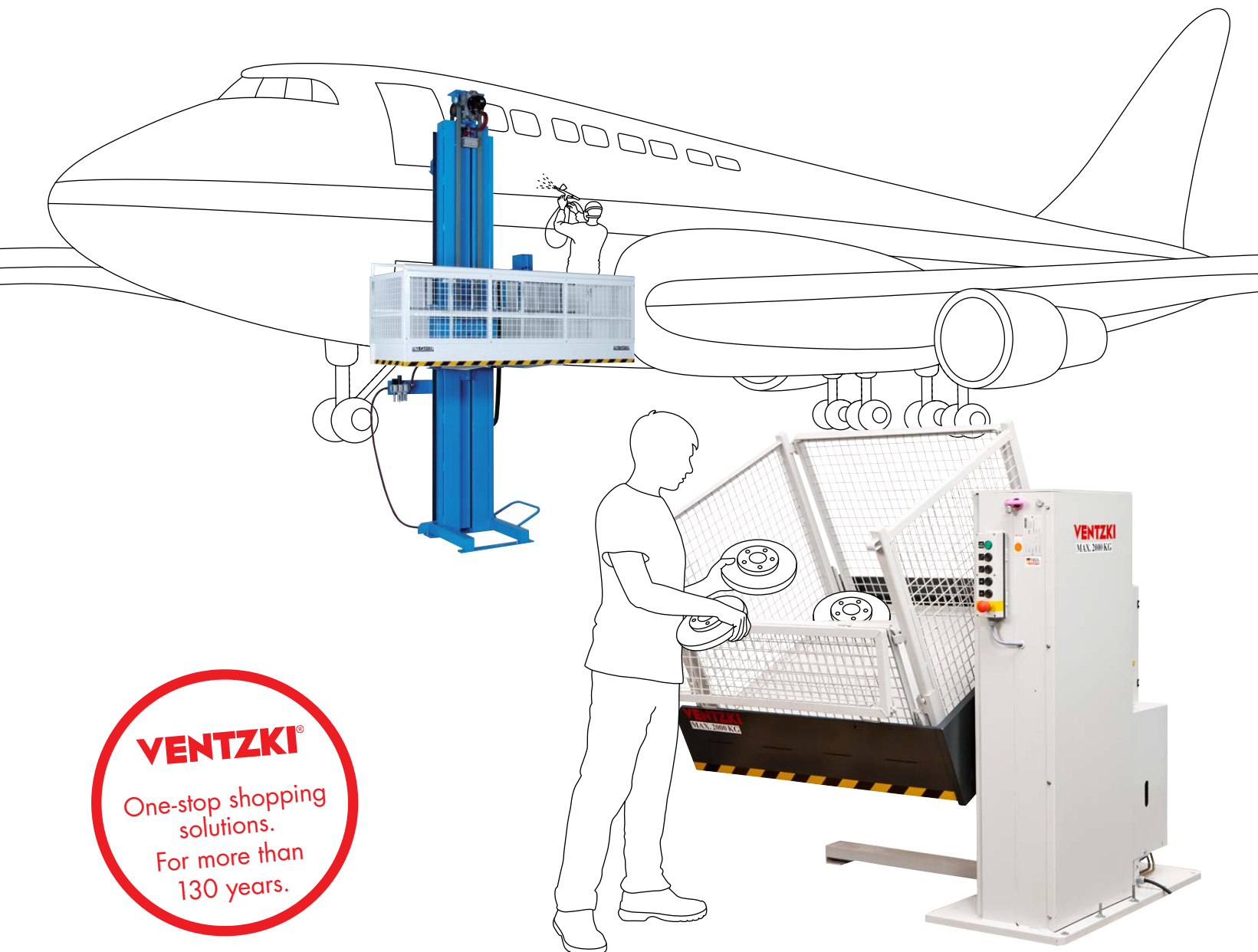


VENTZKI

Lift and tilt stands

GENERAL-PURPOSE SOLUTION – TOP ERGONOMICS



VENTZKI®
One-stop shopping
solutions.
For more than
130 years.

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Welcome to Ventzki Handling Systems

Dear Customer,

With this brochure we warmly invite you to inform yourself about our wide range of products for ergonomic work processes. With our lift and tilt stands designed for all kinds of requirements, we offer you and our customers solution concepts tailored to specific needs – in particular with regard to optimal planning of intralogistic industrial production processes.

Today, Ventzki is a quality supplier of top-notch handling systems, including in-house design and manufacturing. Thanks to its complex handling solutions, Ventzki has gained a reputation as a reliable and valued partner of industry. Our customers include automotive and vehicle manufacturers and their suppliers, plant and machinery manufacturers and companies from many other sectors of the manufacturing industry characterized by a great variety of different fields of production.

Our total concept covers everything from planning to production to on-site installation and user familiarization by our qualified staff. But your long-term benefits as a Ventzki customer would not be complete without our inspection and repair service and the availability of an optional service agreement.

As a certified company, Ventzki offers you a professional quality management and maximum product quality in accordance with internationally recognized standards.

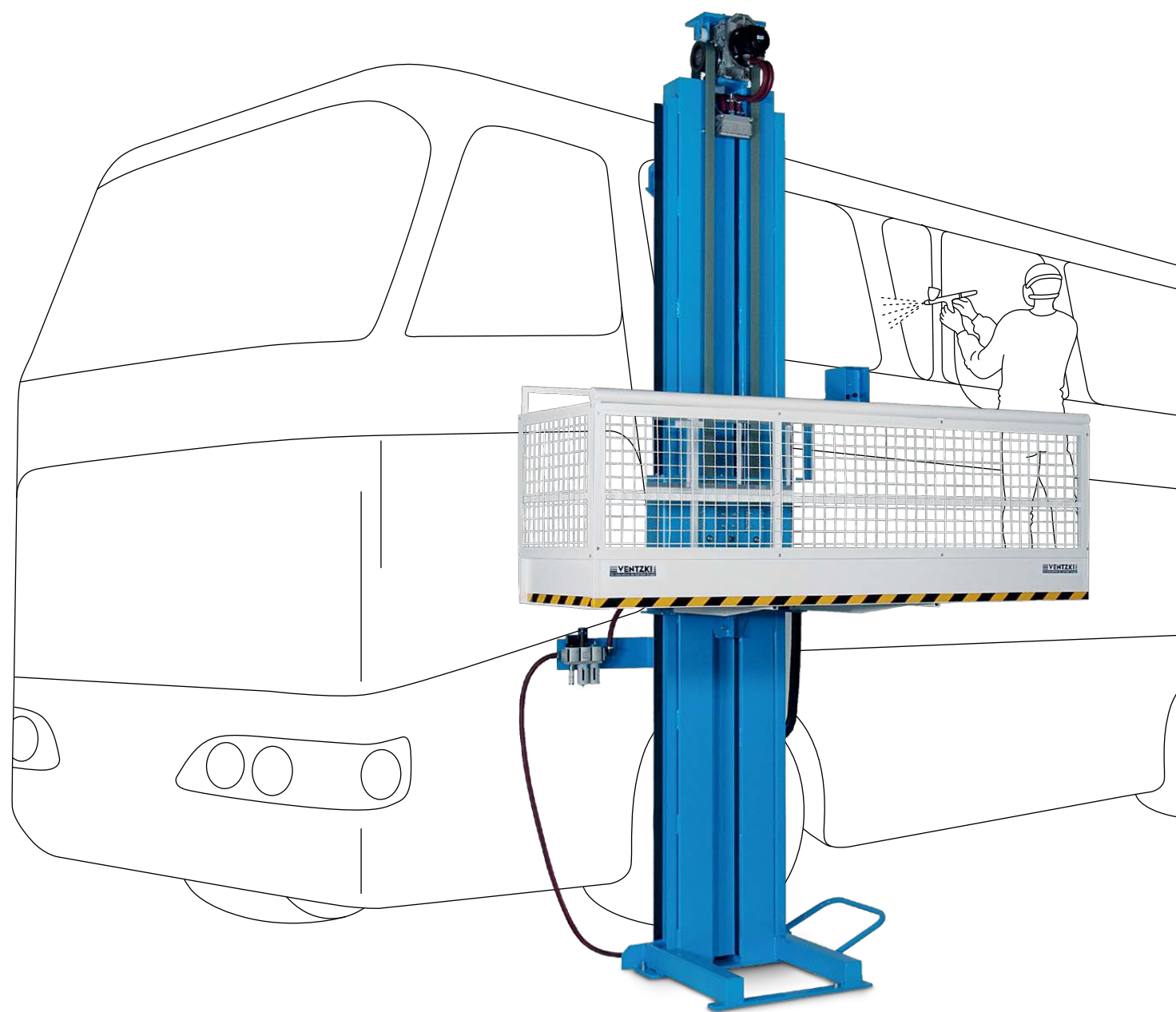
We look forward to doing business with you!

Sincerely yours,



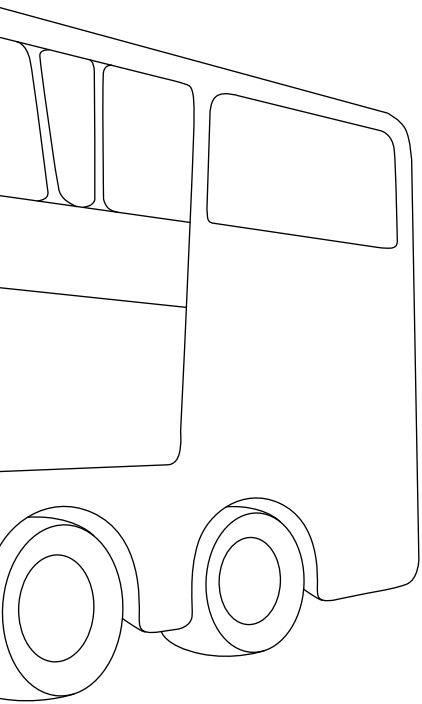
Gregor Zens
Managing Director





Ventzki Handling Systems

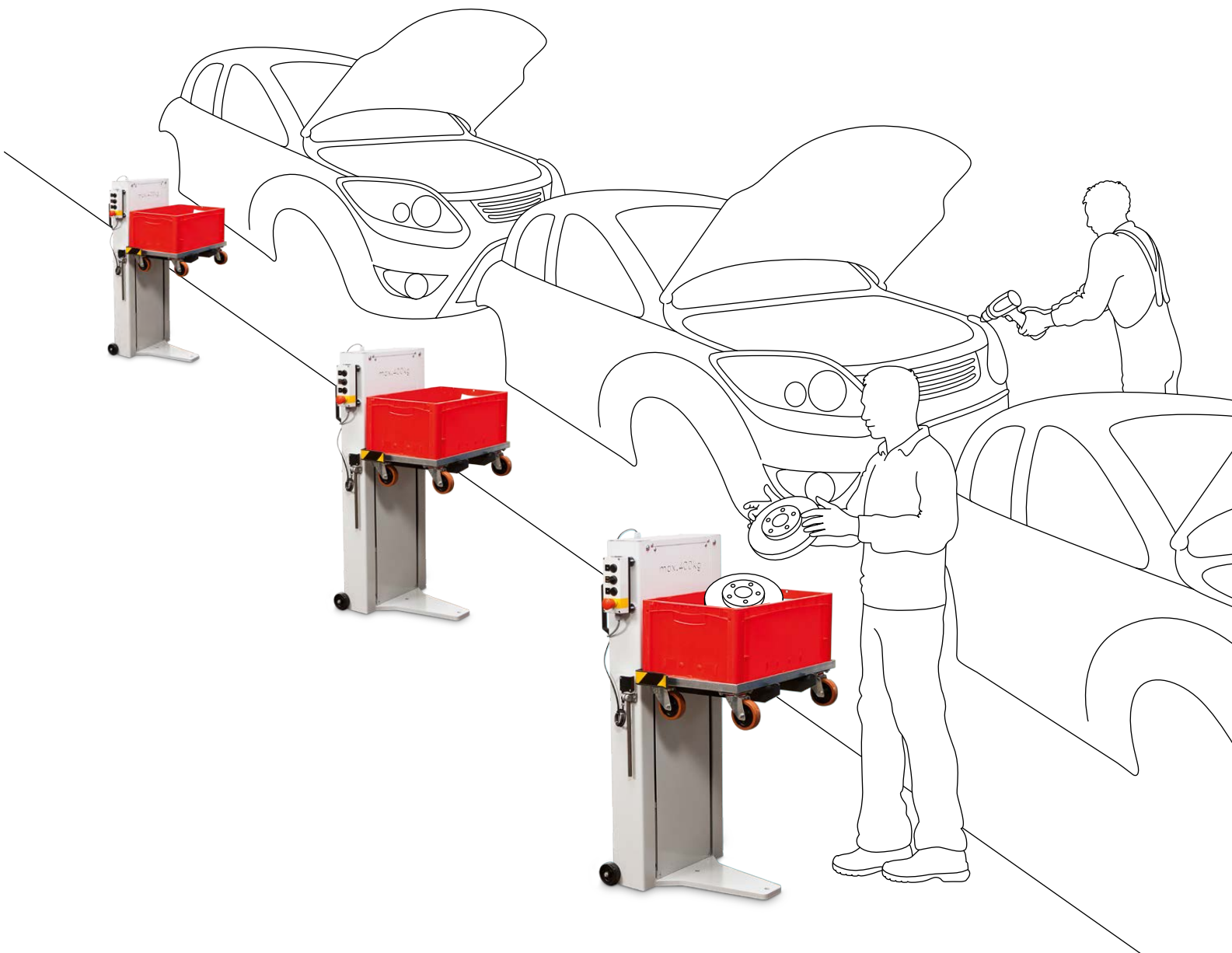
INNOVATIONS
FOR OVER 130 YEARS



Reading the signs of the times, developing new products, driving forward innovations – that has been part of the Ventzki tradition for 130 years now. Founded in 1882 in Graudenz in West Prussia as a specialist manufacturer of agricultural machinery, Ventzki Handling Systems GmbH & Co. KG now has its home in Eislingen in South Germany.



Since 1985 Ventzki has specialized in ergonomically designed, general-purpose lift and tilt stands. Thanks to our extensive know-how and a high vertical integration of our development and manufacturing processes, we are a valued systems supplier of complete solutions for a wide variety of industrial branches.



HEALTHY STAFF THANKS TO EQUIPMENT DESIGNED FOR ERGONOMIC WORK PROCESSES



An incorrect body position at the workstation can be a health hazard. Handling systems from Ventzki have been developed specifically for this problem. They make workflows easier in production or storage areas and provide optimum ergonomics at the workstation.

Handling systems from Ventzki mean optimal ergonomic workflows for all areas. The loading and unloading of containers is simply made easier with the lifting, emptying or the practical tilt function of Ventzki handling systems. This significantly reduces strain on the back and the musculoskeletal system. Ventzki handling systems therefore make a major contribution to the maintenance of good health at the workstation.

COMPLETE SOLUTIONS FROM A SINGLE SOURCE



With its extensive portfolio of handling systems for lifting, tilting, tipping and emptying, Ventzki offers the right solution for every application. The range of products also includes combination devices which bring together several functions in a single product. This broad range of products is what makes Ventzki an exclusive, complete supplier of lift and tilt stands.

For Ventzki customers our comprehensive know-how in all areas of application for the handling systems offers a dual advantage, as they can count on taking delivery of solutions that are always one-stop shopping solutions which are also sophisticated products based on decades of experience. Our in-house development department takes account of changes in the market and technical advances and offers customised solutions for every need.



CERTIFIED SAFETY FROM THE MANUFACTURER



Customers often lack the technical and organizational resources needed to carry out the safety-related checks on their lift and tilt stands competently and in due time, so Ventzki offers them **all-round service** to cover this.

FINAL INSPECTION AND TESTING INCLUDING LOAD TEST AND TEST CERTIFICATE

All Ventzki lift and tilt stands come fitted with a whole host of safety components. Before they are shipped to our customers they are routinely subjected to final inspection and testing including a load test and have an inspection certificate issued. As visible proof of this control stage, the machines come with an inspection sticker and a test certificate which also specify the follow-up inspection date: annual follow-up inspections are required by law.

ALL-ROUND SERVICE WITH A SERVICE AGREEMENT

Ventzki's experienced technical staff with training according to BGR standards are ready to support you by carrying out these inspections. Ventzki offers you a service agreement to cover this: Ventzki therefore guarantees very low down-times with absolutely

reliable performance of all the checks and tests involved, on equipment of any make.

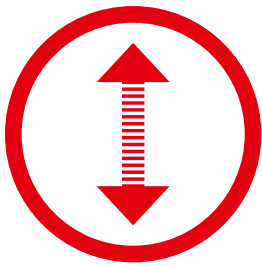
ACCEPTANCE TESTING AND EXPERT OPINIONS ON REQUEST

Ventzki also offers acceptance testing and expert opinions from external testing institutes and qualified technical experts authorized by the German employers' liability insurance association.

INSTALLATION, COMMISSIONING AND FAMILIARIZATION TRAINING

Ventzki's services also include the installation and commissioning of all Ventzki plants and devices at the customer's premises if requested, along with initial user instruction (familiarization training).

FATIGUE-FREE WORK



Ventzki **lifters** are indispensable aids in production, installation and repair work for holding containers, tools and products at different heights and therefore providing support for ergonomic work.



HM 990

MOBILE LIFTERS
FOR CONTAINERS OF UP TO 200 KG

The HM 990 lifter suitable for small transport containers and other load carriers has a continuously adjustable auto-mechanical drive system that eliminates any dependency on external power sources. The automatic drive enables weight-dependent height positioning via a spindle adjusted by a crank. The HM 990 lifters are available with four castors, two of which are swivel castors with locking brakes. Ergonomic handles make the lifter easy to move to where it is needed. Removable retaining strips are provided on the platform to secure the containers.



HM 990

HM 990

Load capacity	150 kg
Platform size (W x L)	610 x 450 mm
Dimensions (W x L x H)	632 x 700 x 1,166 mm
Effective lifting height	540 mm
Weight	95 kg

HM 990-S

Load capacity	200 kg
Platform size (W x L)	610 x 450 mm
Dimensions (W x L x H)	632 x 700 x 1,166 mm
Effective lifting height	540 mm
Weight	100 kg

Stationary HP

STATIONARY LIFTERS WITH PNEUMATIC DRIVE
FOR CONTAINERS OF UP TO 500 KG

The valve system of the pneumatic drive of the stationary lifters HP 200/300/500 complies with the latest safety requirements and prevents the load platform from lowering if a hose ruptures. An operating lever equipped with a dead man's circuit enables continuous adjustment to the desired ergonomic working height. The lifters are suitable for handling small containers, carts, dummies and mesh baskets and have a load capacity between 200 and 500 kg, depending on the model. Side panels are a standard feature of the HP 200 and available as an option for the HP 300 and 500.



HP 200

HP 200

Load capacity	200 kg
Platform size (W x L)	436 x 600 mm
Effective lifting height	600 mm
Lifting time	6 Sek.
Load height	120 mm
Weight	120 kg

HP 500

Load capacity	500 kg
Platform size (W x L)	544 x 425 mm
Effective lifting height	750 mm
Lifting time	17 Sek.
Load height	120 mm
Weight	170 kg

HP 300

Load capacity	300 kg
Platform size (W x L)	544 x 425 mm
Effective lifting height	750 mm
Lifting time	10 Sek.
Lifting time	120 mm
Weight	140 kg

Mobile HP

LIFTERS WITH TRAVELLING GEAR FOR FLEXIBLE USE FOR CONTAINERS OF UP TO 500 KG

The HP 250/300/500 mobile lifters have a built-in travelling gear with three castors, two of which are swivelling and have locking brakes for individual and versatile use. Just as the stationary versions of the HP series, they are equipped with a pneumatic drive in accordance with the latest safety requirements. A safety valve system prevents the load platform from lowering even if a hose ruptures. The mobile lifters are suitable for handling small containers, carts, dummies and mesh baskets and offer a load capacity of 250 kg (HP 250), 300 kg (HP 300) and 500 kg (HP 500). Other platform dimensions and side-loading versions are optionally available as well.



HP 500

HP 250 (OPTIONAL: SEMI-MOBILE)

Load capacity	250 kg
Platform size (W x L)	544 x 425 mm
Support length	230 mm
Effective lifting height	800 mm
Lifting time	8 Sek.
Load height	120 mm
Weight	130 kg

Optionally available as a semi-mobile version: with only 2 lateral castors for easy repositioning at the workstation

HP 300

Load capacity	300 kg
Platform size (W x L)	544 x 425 mm
Support length	230 mm
Effective lifting height	750 mm
Lifting time	10 Sek.
Load height	120 mm
Weight	140 kg

HP 500

Load capacity	500 kg
Platform size (W x L)	544 x 425 mm
Support length	230 mm
Effective lifting height	750 mm
Lifting time	17 Sek.
Load height	120 mm
Weight	170 kg

Fatigue-free working in production and assembly shops

- ▶ Wide range of drive systems in classes based on specific individual applications.
- ▶ The working height of every lifter can be continuously adjusted automatically to suit the requirements of each operator and place where it is needed.
- ▶ This is better in health terms and also means optimal ergonomic workflows and reduced process costs.
- ▶ High-quality workmanship and rugged drive components provide the assurance for reliable, trouble-free operation with zero maintenance.
- ▶ Special versions are also available.
- ▶ For you Ventzki equipment means one-stop shopping – directly from the manufacturer: installation, commissioning, and testing and inspections according to BGR 500, rule no. 500 of the employers' liability insurance association.

Hydraulic HE

LIFTERS WITH ELECTRO-HYDRAULIC DRIVE FOR CONTAINERS OF UP TO TWO TONNES

The compact HE 1006/1008/1010/1506/1508/2006/2008 lifters are designed for loads of 500 kg up to 2,000 kg and therefore particularly suitable for lifting pallets and large containers. An electro-hydraulic drive including a dead man's circuit and a hose rupture safety system enables continuous adjustment. The HE models are suitable for intensive operation. They are also available as mobile versions, optionally with rotary platforms or special platforms and light sensors for position scanning (special equipment).



HE 750-S
Customised load platform – side loading and special sizes

HE 1006

Load capacity	1,000 kg
Load platform size (W x L)	1,050 x 1,250 mm
Effective lifting height	600 mm
Design height	1,400 mm
Total height	1,400 mm

HE 1010

Load capacity	1,000 kg
Load platform size (W x L)	1,050 x 1,250 mm
Effective lifting height	1,000 mm
Design height	1,640 mm
Total height	2,400 mm

HE 1508

Load capacity	1,500 kg
Load platform size (W x L)	850 x 1,250 mm
Effective lifting height	800 mm
Design height	1,750 mm
Total height	1,950 mm

HE 2006

Load capacity	2,000 kg
Load platform size (W x L)	1,250 x 1,050 mm
Effective lifting height	600 mm
Design height	1,550 mm
Total height	1,550 mm

Electric HE-EP

LIFTERS WITH ELECTRIC MOTOR DRIVE FOR CONTAINERS OF UP TO 500 KG

The compact HE-EP 200/350/500 lifters are designed for loads of 200 to 500 kg, thus representing an alternative to the pneumatic lifters of the HP series. The HE-EP models have a 230 V electric motor drive and therefore use far less energy than compressed air-operated lifters. They are also available in semi-mobile versions with two castors so that they can be repositioned easily at the workstation. Just as in the case of the other models, the load platform is available in a customized design (special equipment).



HE-EP 200

HE-EP 200

Load capacity	200 kg
Lifting time	20 Sek.
Effective lifting height	800 mm
Platform size (W x L)	420 x 620 mm
Load height	110 mm
Weight	approx. 110 kg

HE-EP 350

Load capacity	350 kg
Lifting time	24 Sek.
Effective lifting height	800 mm
Platform size (W x L)	420 x 620 mm
Load height	120 mm
Weight	approx. 120 kg

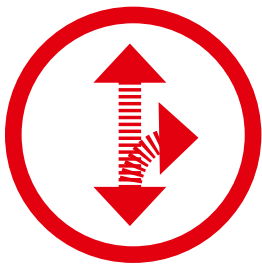
HE-EP 500

Load capacity	500 kg
Lifting time	35 Sek.
Effective lifting height	800 mm
Platform size (W x L)	420 x 620 mm
Load height	120 mm
Weight	approx. 150 kg

Ventzki innovation: Lifters with electric drive

- ▶ Two different classes of drive systems, based on specific requirements. Innovation: Ventzki lifters with electric motor drive.
- ▶ Lifters with electro-hydraulic drive for pallets and large containers up to 2,000 kg. Lifters with electric motor drive and a connected load of 230 V/50 Hz for containers up to 500 kg
- ▶ The working height of every lifter can be continuously adjusted to suit the requirements of each operator and place where it is needed.
- ▶ Automatic operation in the form of sensor height detection available as special equipment.
- ▶ Optionally available as a mobile or semi-mobile version.
- ▶ High-quality workmanship and rugged drive components provide the assurance for reliable, trouble-free operation with zero maintenance.
- ▶ Special versions are also available.
- ▶ For you Ventzki equipment means one-stop shopping – directly from the manufacturer: installation, commissioning, and testing and inspections according to BGR 500, rule no. 500 of the employers' liability insurance association.

ACCELERATED WORKFLOWS



Lift and tilt stands from Ventzki make workflows much easier and faster when used to deliver material to machines. Ventzki offers three different solutions here, based on specific individual requirements.



NHE 304/305

MOBILE LIFT AND TILT STANDS FOR TRANSPORT CONTAINERS OF UP TO 1,500 KG, WITH ELECTRO-HYDRAULIC DRIVE AND A MAXIMUM TILT ANGLE OF 95°

The mobile NHE 304 and NHE 305 lift and tilt stands for containers and pallets can be used independently of transportation devices and therefore are immediately ready for use. Thanks to the lockable swivel castors, the lift and tilt stands can be easily moved to their place of use without the help of a forklift truck or pallet truck. Both models are operated by an electro-hydraulic drive. They offer a load capacity of up to 1,500 kg, an effective lifting height of 300 mm and a maximum tilt angle of 95°. The standard version comes with fork arms. The illustration shows a special customised solution with an enclosed platform and drive motor.



NHE 305-S

NHE 304

Load capacity	500 kg
Fork height above floor	85 mm
Tilt angle	95°
Tilting time	17 Sek.
Effective lifting height	300 mm
Lifting time	9 Sek.
Dead weight	200 kg
Connected load	400 V / 50 Hz / 0.55 kW

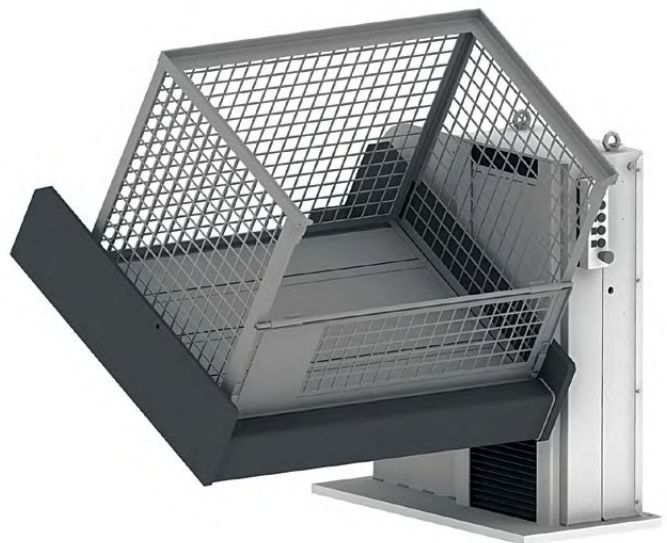
NHE 305

Load capacity	1,500 kg
Fork height above floor	85 mm
Tilt angle	95°
Tilting time	25 Sek.
Effective lifting height	300 mm
Lifting time	9 Sek.
Dead weight	330 kg
Connected load	400 V / 50 Hz / 0.55 kW

HNE 1000/2000

LIFT AND TILT STANDS FOR PALLET AND LARGE CONTAINERS WITH ELECTRO-HYDRAULIC DRIVE, TILTABLE TO ONE OR TWO SIDES RESPECTIVELY

The HNE 1000/2000 stationary lift and tilt stands with electro-hydraulic drive allow you to lift pallets and large containers up to 600 mm and also tilt them 45° to one side (standard) or, in the form of special equipment, 2 x 45°. The containers can be loaded onto the stands with either a forklift truck or a hand pallet truck. Safety is ensured by a dead man's circuit and a tilt range limiter adjustable via an electronic limit switch. Thanks to unobstructed walk-under access from three sides and the optional side loading of mesh boxes in inclined condition, the HNE models can be optimally positioned in a space-saving manner in production and assembly areas, e.g. for delivering materials to machines.



HNE 1000

HNE 1000

Load capacity	1,000 kg
Loading side:	front
Load height	150 mm
Effective lifting height	600 mm
Load platform (W x L)	1,250 x 1,050 mm
Tilting	1 x 45° oder 2 x 45°
Connected load	400 V / 50 Hz / 1.1 kW

HNE 2000

Load capacity	2,000 kg
Loading side:	side
Load height	150 mm
Effective lifting height	600 mm
Load platform (W x L)	1,250 x 1,050 mm
Tilting	1 x 45° oder 2 x 45°
Connected load	400 V / 50 Hz / 1.1 kW

NHE 350/360

LIFT AND TILT STANDS FOR PALLETS AND LARGE CONTAINERS OF UP TO TWO TONNES, WITH ELECTRO-HYDRAULIC DRIVE

The NHE 350 and NHE 360 models with electro-hydraulic drive can be loaded with pallets and large containers from both the side and the front. Thanks to their compact and space-saving design they can also be used in confined areas and let you reach the contents of the container in an upright body position even at a minimum tilt. Compared to the NHE 350, the NHE 360 version offers optimised walk-in space, even closer reach to the material and a separate hydraulic unit. The maximum tilt angle is 90°, the maximum lifting height 300 mm.



NHE 360

NHE 350

Load capacity	1,500 kg
Loading side: front	
Load height	150 mm
Effective lifting height	300 mm
Load platform (W x L)	1,250 x 1,050 mm
Connected load	400 V / 50 Hz / 1.1 kW
Tilt angle	60° or 90°
Location of drive system	on unit

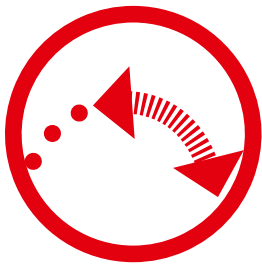
NHE 360

Load capacity	2,000 kg
Loading side: front	
Load height	150 mm
Effective lifting height	300 mm
Load platform (W x L)	1,250 x 1,050 mm
Connected load	400 V / 50 Hz / 1.1 kW
Tilt angle	90°
Location of drive system	external hydraulic unit

Faster processes by more effective loading of machinery

- ▶ Three different classes based on specific requirements.
- ▶ Separate container lifting motion; the tilt angle can be continuously adjusted without interrupting the workflow.
- ▶ Loading from either the front or side.
- ▶ All electro-hydraulic equipment is fitted with safety devices such as hose rupture safety valves and pressure control valves.
- ▶ Special versions are also available.
- ▶ For you Ventzki equipment means one-stop shopping – directly from the manufacturer: installation, commissioning, and testing and inspections according to BGR 500, rule no. 500 of the employers' liability insurance association.

MAXIMUM FLEXIBILITY



The **tilt and dump stands** of the NEE series from Ventzki are versatile, general-purpose solutions for delivering material to machine tools such as presses or punches and can also be used for separation processes and integration in all types of plants.



NEE

COMPACT AND FUNCTIONAL DUMP STANDS FOR UP TO 2,000 KG WITH ELECTRO-HYDRAULIC DRIVE FOR SAFE WORK PROCESSES UND ENHANCED PRODUCTIVITY

The NEE 511 to 519 tilt and dump stands are available as stationary or mobile versions. A comprehensive range of accessories allows you to adapt them to your specific production requirements. Thanks to the electro-hydraulic drive, you can lift and dump your containers fully in line with your specific needs. The tilt angle can be continuously adjusted to a maximum of 135° via a dead man's circuit without interrupting your work process. The dumping width is 400 mm.



NEE 511

NEE 511

Load capacity	2,000 kg
Load handling device (W x L)	1,300 x 900 mm
Overall width x overall length	1,710 x 1,930 mm
Total height	2,950 mm

NEE 512

Load capacity	2,000 kg
Load handling device (W x L)	1,300 x 1,150 mm
Overall width x overall length	1,710 x 2,050 mm
Total height	3,150 mm

NEE 515

Load capacity	2,000 kg
Load handling device (W x L)	1,300 x 900 mm
Overall width x overall length	1,534 x 1,930 mm
Total height	2,950 mm

NEE 517

Load capacity	1,500 kg
Load handling device (W x L)	920 x 1,350 mm
Overall width x overall length	1,324 x 2,280 mm
Total height	3,330 mm

NEE 519

Load capacity	1,500 kg
Load handling device (W x L)	1,130 x 1,350 mm
Overall width x overall length	1,534 x 2,280 mm
Total height	3,200 mm

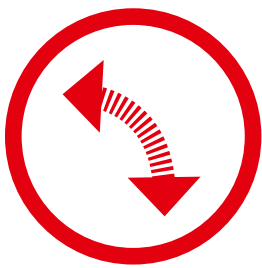
FOR ALL NEE TYPES:

Load height	40 mm
Tipping height	750 mm
Connected load	400 V / 50 Hz / 2.2 kW / 16 A

Improved material flow thanks to safe and optimal manufacturing process

- ▶ Containers holding bulk material are held available at all times in the positions required for effective workflows without fatigue.
- ▶ Semi-automatic container locking provided by a safety bar.
- ▶ Double doors with electric locking or light barriers available as options.
- ▶ These safe, efficient and labour-saving devices significantly enhance productivity in the material flow.
- ▶ The high-quality, rugged design of the NEE stands from Ventzki ensures trouble-free operation with zero maintenance.
- ▶ Special versions are also available.

MORE EFFECTIVE LOADING OF MACHINERY



Mobile or stationary **filters** from Ventzki are suitable for containers and pallets of all types and are designed for delivering material to machines efficiently and without fatigue. The material is held in the most convenient position for the user.



NE 018/019

MOBILE TILTERS WITH ELECTRO-HYDRAULIC DRIVE FOR CONTAINERS OF ALL KINDS WITH A MAXIMUM WEIGHT OF 1,500 KG

The NE 018 and NE 019 mobile container tilters are operated by an electro-hydraulic drive. The tilt of the load fork or container position can be continuously set and reached by means of a rotary switch. Thanks to the swivelling wheels with locking brakes, the tilters can be moved about easily and without the slightest difficulty to wherever they are needed. And once there the tilters are ready for immediate use. This also means that the containers can be loaded and transported effortlessly – without the need for a forklift truck or pallet truck.



NE 018

NE 018

- Load capacity** 1,000 kg
- Fork height above floor** 90 mm
- Max. tilt angle** 90°
- Tilting time** 17 Sek.
- Dead weight** 235 kg

NE 019

- Load capacity** 1,500 kg
- Fork height above floor** 90 mm
- Max. tilt angle** 90°
- Tilting time** 17 Sek.
- Dead weight** 245 kg

FOR ALL NE TYPES:

- Connected load:** 400 V / 50 Hz / 1.1 kW / 16 A
- Operation by cable-connected rotary switch

NE/NPX

STATIONARY TILTERS WITH ELECTRO-HYDRAULIC OR HYDRO-PNEUMATIC DRIVE FOR CONTAINERS WITH A MAXIMUM WEIGHT OF 2,500 KG

The tilters of the NE and NPX series have been developed specifically for industrial production environments. They are also characterised by offering a particularly high standard of safety: The table remains in the selected position during a power failure, the motor has a thermal protection switch to prevent it overheating, and a pressure relief valve prevents overloading of the hydraulic unit. An extremely rugged sheet metal safety guard (safety skirting) is provided in place of the failure prone sensor-controlled safety contact strips. The inspection hatch provided as standard equipment adds an extra margin of safety and maintenance-friendliness. The tilt angle can be continuously adjusted at the press of a button – ideal when you change containers frequently. While the NE 324/326/327/328 models have a low pivot point, the NE 304/306/308 versions have a high one. Both NE model series feature an electro-hydraulic drive. By contrast, the NPX 324/326/327/328 models are equipped with a hydro-pneumatic drive for use in explosion hazard zones.



NE 324

NE 324 / NPX 324

- Load capacity** 2,500 / 2,000 kg
- Platform size (W x L)** 1,270 x 1,180 mm
- Total length** 1,290 mm

NE 326 / NPX 326

- Load capacity** 2,500 / 1,500 kg
- Platform size (W x L)** 1,850 x 1,300 mm
- Total length** 1,410 mm

NE 304

- Load capacity** 2,000 kg
- Platform (B x L)** 1,270 x 1,180 mm
- Total length** 1,330 mm

NE 306

- Load capacity** 2,000 kg
- Platform size (W x L)** 1,850 x 1,300 mm
- Total length** 1,450 mm

NE 308

- Load capacity** 2,000 kg
- Platform size (W x L)** 1,270 x 880 mm
- Total length** 1,030 mm

FOR ALL NE AND NPX TYPES:

- Connected load** 400 V / 50 Hz / 1.1 kW / 16 A

FOR ALL NE AND NPX TYPES

- Tilt angle** max. 45°

NE 250

STATIONARY TILTERS WITH ELECTRO-HYDRAULIC DRIVE FOR CONTAINERS WITH A MAXIMUM WEIGHT OF 2,000 KG

The NE 250 stationary container tilter is designed to handle all types of containers, especially large types such as mesh baskets, etc. Being of compact design, the NE 250 requires only slightly more space than the container itself. The use of these highly ergonomic tilters with electro-hydraulic drive greatly facilitates the manual delivery of parts to machines and assembly workstations. The container is placed onto the NE 250 by a forklift truck or hand pallet truck. The tilt angle of the load platform with the container is continuously adjustable up to a maximum of 90°. Also, the tilt range can be easily limited in accordance with your needs. The tilters of the NE series thus provide an optimal solution for the ergonomic removal of parts from the container – without strain and within easy reach even at the very bottom of the container.



NE 250

NE 250

Load capacity 2,000 kg

Load platform (W x L)
1,250 x 850 mm

Total length 1,170 mm

NE 250

Load capacity 2,000 kg

Load platform (W x L)
1,250 x 1,050 mm

Total length 1,370 mm

FOR ALL NE TYPES:

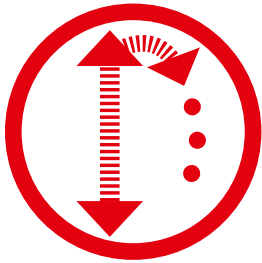
Connected load
400 V / 50 Hz / 1.1 kW / 16 A

Operation by cable-connected hand pushbutton

Enhanced productivity by more efficient work processes

- ▶ Four different versions to meet different specific requirements.
- ▶ Mobile and stationary tilters from Ventzki are immediately ready for use at a wide range of workstations – easily and flexibly. With electro-hydraulic or hydro-pneumatic drives they are suitable for almost every sector of production.
- ▶ Ergonomic design of all tilter types in accordance with the latest state of the art in technology, for workstations preventing strain and fatigue.
- ▶ All versions are fitted with safety devices such as safety skirting, bellows or safety bars. Hose rupture safety valves prevent uncontrolled lowering in case a hydraulic line ruptures.
- ▶ High-quality, rugged design ensures trouble-free operation with zero maintenance.
- ▶ Special versions are also available.

HIGH FLYING DUMPING



The **lift dumpers** from Ventzki are used as lift and tip stands for emptying and loading operations on packaging, filling or singulator systems and for counting, weighing and mixing operations.



HEE

LIFT DUMPERS WITH ELECTRIC MOTOR DRIVE
AND A LOAD CAPACITY OF UP TO 300 KG

The HEE lift dumpers with electric motor drive are available only in a stationary version with load capacities of 100 to 300 kg. Useful additional items such as light barriers, mesh guards, ascending conveyors, roller conveyors, singulators and all-round enclosures can be configured and supplied as options. So you can be sure of getting a complete one-stop shopping solution for an optimum material flow.



HEE

HEE

Load capacity

100 bis 300 kg

Load handling device (W x L)

depending on container size

Tilt angle max. 135°

Tipping height acc. to customer requirement

Connected load

400 V / 50 Hz / 2.2 kW / 16 A

Customised solutions for filling, mixing and weighing processes

- ▶ Particularly practical: The equipment is developed, designed and built to individual customer preference for the particular area of application.
- ▶ Every HEE dumper is “custom-tailored” for the user in accordance with the desired container size, tipping height, function and features.
- ▶ High-quality, rugged design ensures trouble-free operation with zero maintenance.
- ▶ The dumper is controlled by compact programmed modules, e.g. Logo or PLC controllers, depending on the functions involved and connections to other components.
- ▶ Special versions are also available.

EASY HANDLING OF HEAVY LOADS



Scissor lift tables from Ventzki are designed for compensating differences in height, for ergonomic loading and unloading and for material delivery. In special versions they can also be used as stand-alone lifting platforms, e.g. with slot-in mesh guards. Various different versions are available in terms of the drive and controller, depending on the specific application and requirements.



SHT

Flat scissor-lift tables

FFT/UFFT

FLAT SCISSOR-LIFT TABLES WITH ELECTRO-HYDRAULIC DRIVE AND A LOAD CAPACITY OF UP TO 2,000 KG

The flat scissor-lift tables of the FFT/UFFT model series offer you a practical solution every time for moving pallets and containers weighing up to two tonnes. Their ergonomic design, which can be enhanced by an optionally available rotary platform, ensures an optimal working position while increasing your work output at the same time. The drive unit is located outside the table.



UFFTS
With external HD drive unit (not shown)
and various container stops on the platform

Scissor-lift tables

SHT

SCISSOR-LIFT TABLES WITH ELECTRO-HYDRAULIC DRIVE FOR LOADS OF UP TO 6,000 KG

The SHT 0.5–6 scissor lift tables were developed specifically for heavy loads of up to 6 tonnes. The tables are equipped with maintenance-free friction bearings and also feature a controller with limit switches for restricting the travel range and a dead man's circuit.



SHT

Increased work efficiency thanks to low-strain handling position

- ▶ Supplied with electro-hydraulic drive as standard equipment; also available as a hydro-pneumatic version. All the models are designed for easy handling, long service life and maximum safety.
- ▶ The high-quality, rugged design – notably the high-grade steel structure – ensures trouble-free operation with zero maintenance.
- ▶ Special versions are also available.
- ▶ One-stop shopping – directly from the manufacturer: installation, commissioning, and testing and inspections according to BGR 500, rule no. 500 of the employers' liability insurance association.
- ▶ The tables comply with the latest occupational safety regulations, applicable standards (DIN EN 1570) and EU machinery directives.

TIPPING LOADS OF SEVERAL TONNES SAFELY



The Ventzki **LC self-tipping containers** are the versatile solution for transporting and storing material within the factory grounds. Loads up to 2,500 kg in a container can be safely and efficiently transported, tipped or emptied with the aid of a forklift truck.



LC

SELF-TIPPING CONTAINERS WITH A LOAD CAPACITY OF UP TO 2.5 TONNES

The LC self-tipping containers are designed for transporting, tipping and emptying loads with a weight of up to 2.5 tons and a capacity of up to 1,200 litres. The self-tipping containers are always easy to handle, safe to operate and maintenance-free. Light-weight, torsion-resistant U- and L-sections with an access width of 692 to 1,010 mm make it easy to set up and align these containers for trouble-free transport with any forklift truck. Retaining rails keep the containers securely in place on the forks, and a chain and lever lock secure the container against sliding forward during the tipping operation.



LC 803

LC 803

Load capacity 1,000 kg

Content 300 Liter

Dead weight 125 kg

Dimensions (W x L x H)
829 x 1,065 x 876 mm

LC 805

Load capacity 1,500 kg

Content 500 Liter

Dead weight 176 kg

Dimensions (W x L x H)
762 x 1,460 x 1,139 mm

LC 808

Load capacity 1,500 kg

Content 800 Liter

Dead weight 206 kg

Dimensions (W x L x H)
1,081 x 1,350 x 1,139 mm

LC 810

Load capacity 2,000 kg

Content 1,000 Liter

Dead weight 217 kg

Dimensions (W x L x H)
1,081 x 1,350 x 1,243 mm

LC 812

Load capacity 2,500 kg

Content 1,200 Liter

Dead weight 250 kg

Dimensions (W x L x H)
1,331 x 1,350 x 1,243 mm

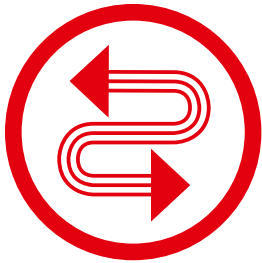
FOR ALL LC TYPES:

Height dimensions
without castors

The versatile solution for internal transport

- ▶ High-quality, rugged design ensures trouble-free operation with zero maintenance.
- ▶ All containers have oil-tight welds up to the maximum height of the container and are fully tested for leaks in the semi-finished state.
- ▶ Movement curve protected by guard plates on both sides.
- ▶ Accessories: Lockable rigid and swivel castors, hinged lid, perforated bottom, drain cock.
- ▶ Special versions are also available.

A LOT OF PULL FOR LITTLE STRAIN



The **cranes** were developed with special attention to optimising their running characteristics. Compared to standard crane systems, only around one third of the pulling power is required for Ventzki cranes and the running noises are also much lower.



Overhead cranes

TRAVELLING OVERHEAD CRANE SYSTEMS WITH A LOAD CAPACITY UP TO 950 KG

Ventzki overhead crane systems made of high-strength aluminium combine light-weight sections with maximum stability. The monorail crane system (V-ESB) is suitable for linear transport of loads up to 950 kg. The single-girder crane (V-ETK) enables you to transport loads up to 900 kg over large areas. The optimal solution for rigid load transport is the double-girder crane (V-ZTK – not shown). Both the single-girder and the double-girder crane systems are available as stooled versions affording significant height savings.



V-ESB

Load capacity and maximum distance of suspension

125 kg / 7,600 mm
250 kg / 7,600 mm
500 kg / 6,600 mm
750 kg / 5,500 mm
950 kg / 4,900 mm

V-ETK

Load capacity and maximum distance of suspension

125 kg / 7,600 mm
(7,000 mm max. span)
250 kg / 7,600 mm
(7,000 mm max. span)
500 kg / 6,400 mm
(6,700 mm max. span)
800 kg / 5,300 mm
(5,300 mm max. span)
900 kg / 5,000 mm
(5,000 mm max. span)

Slewing cranes

ALUMINIUM SLEWING CRANES WITH A LOAD CAPACITY OF UP TO 650 KG

The Ventzki aluminium slewing cranes are notable in particular for their new-type slewing mechanism which turns very easily. They are available in two different versions: as wall slewing cranes (V-WSK) and as pillar slewing cranes (V-SSK). Both offer a maximum jib length of 6 metres, a standard lifting height of 2.6 metres (in the case of pillar slewing cranes) and a maximum load capacity of 650 kg.

V-WSK AND V-SSK

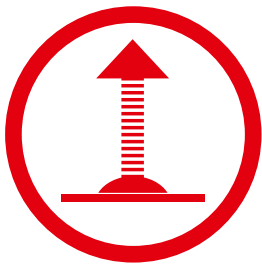
Load capacity / jib length

80 kg / 3,000 – 6,000 mm
125 kg / 3,000 – 6,000 mm
200 kg / 3,000 – 6,000 mm
350 kg / 3,000 – 6,000 mm
650 kg / 3,000 – 6,000 mm

High performance with lower energy requirements

- ▶ Highly ergonomic due to perfect smooth-running, low acceleration forces and quiet movement.
- ▶ Five different crane sections for an optimal price/performance ratio and the lowest motive forces.
- ▶ With high-grade electric chain hoists.
- ▶ Easy and quick installation.
- ▶ High variability thanks to modular design.
- ▶ Special versions are also available.

SOPHISTICATED MODULAR SYSTEM



For loading machines manually or relocating stored materials, Ventzki **vacuum systems** are the ideal handling solution for transporting a wide range of workpieces quickly and with less strain.

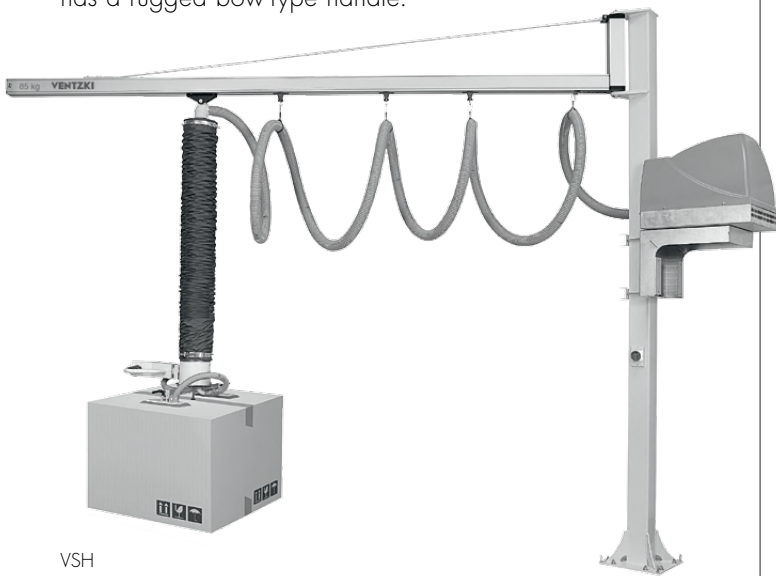


VHG

VSH

HIGHLY VERSATILE VACUUM TUBE LIFTERS FOR LOADS UP TO 300 KG

Ventzki VSH vacuum tube lifters are ideally suitable for the quick and repeated lifting and moving of a wide range of objects weighing up to 300 kg, such as cartons, sacks, drums, wooden pallets, canisters or reels of film. The VF model has an innovative one-finger controller for moving goods weighing up to 35 kg with sensitivity. The VE model has a turning handle for handling loads securely, while the VS has a rugged bow-type handle.



VSH

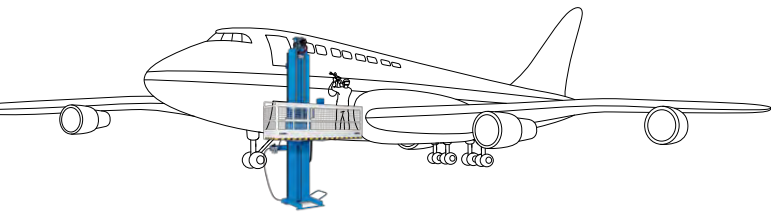
VHG

VACUUM LIFTERS FOR EASY HANDLING OF HEAVY LOADS UP TO TWO TONNES

The VHG vacuum lifters allow you to easily handle panels made from a variety of materials weighing up to two tonnes. Workpieces weighing up to 500 kg can be optionally swivelled through 90°. Lifting is performed by a chain hoist and safe transportation by a crane. The basic version of Ventzki vacuum lifters comes with an ergonomic operating handle, a horizontal beam with integrated vacuum tank and vacuum manifold, an electronic alarm and a non-return valve. In the VC version, the operating handle incorporates additional functions for chain hoist, vacuum and slewing, an electromagnetic valve with two-handed "vacuum OFF" control, and an automatically regulated vacuum generator with power management function.

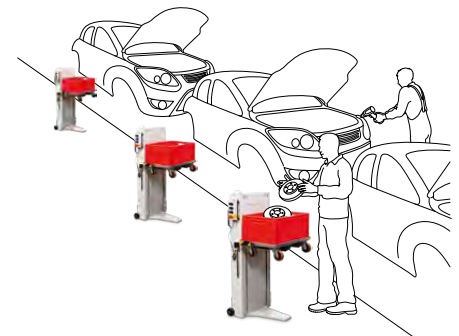
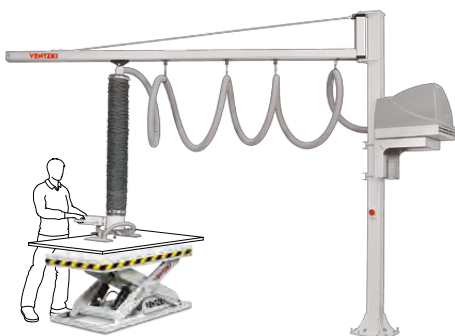
Versatile lifting and moving of loads

- ▶ The holding force required for holding and lifting the workpiece is generated by a vacuum.
- ▶ A sophisticated modular system means that the vacuum systems can be tailored to practically any customer preference.
- ▶ Also suitable for porous workpieces.



Ventzki Handling Systems – your most important benefits at a glance:

- ▶ Healthy staff thanks to lifting and tilt stands designed for ergonomic work processes
- ▶ General-purpose solutions for various branches of industry
- ▶ Professional quality management and certified safety from the manufacturer
- ▶ Total concepts covering all stages from planning to installation
- ▶ Special solutions perfectly tailored to customer needs
- ▶ Comprehensive portfolio of services



**To obtain more information or advice
or to place orders, simply contact:**

+49 (0) 7161 9 84 42-0

info@ventzki.de

www.ventzki.de

VENTZKI

Ventzki is your specialist for general-purpose and custom-tailored lift and tilt stands designed for ergonomic work processes. As a customer you also enjoy the benefits of a comprehensive portfolio of services:

- ▶ Final inspection and testing including load test and test certificate
- ▶ All-round service with a service agreement
- ▶ Acceptance testing and expert opinions on request
- ▶ Installation, commissioning and familiarization training

VENTZKI®

Handling Systems GmbH & Co. KG

Stuttgarter Str. 122

D-73054 Eislingen

Tel.: +49 (0) 7161 9 84 42-0

Fax: +49 (0) 7161 9 84 42-33

E-Mail: info@ventzki.de

www.ventzki.de