

VENTZKI

Product Catalog, Lifting and Tilting Equipment

Universally used – Best ergonomics

VENTZKI®
Working
ergonomically
made easy.



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Welcome to Ventzki Handling Systems



Dear customer,

We are presenting you a complete series of new and updated products in our new Ventzki product catalogue. You can not only use it to increase the efficiency of your manufacturing and production, you can also achieve other, very important goals: Structure work processes in an ergonomic way. Thus, Ventzki products provide a significant contribution to maintaining the health of your employees at their workplaces.

Our lifting and tilting equipment for many different areas provides you with a customized solution to optimize process planning for logistics within industrial manufacturing plants.

Ventzki is the quality supplier for complex handling solutions. Our products are developed and produced by qualified employees with a great deal of experience. Automobile and vehicle manufacturers, supplier industries as well as companies in many other industries are some of our long-term customers.

Our service promise is: We will be at your site within 48 hours with our nationwide professional consulting from our Ventzki area sales managers. You also benefit over the long term from our testing and repair services. We offer an optional maintenance contract which extends your warranty by an additional 12 months. Ventzki offers the highest quality at every stage, as a certified company with professional quality management adhering to international standards, from RFI's to manufacturing, delivery and service.

We look forward to working with you. Sincerely

A handwritten signature in black ink, appearing to read 'Gregor Zens', is written over a white background.

Gregor Zens
CEO

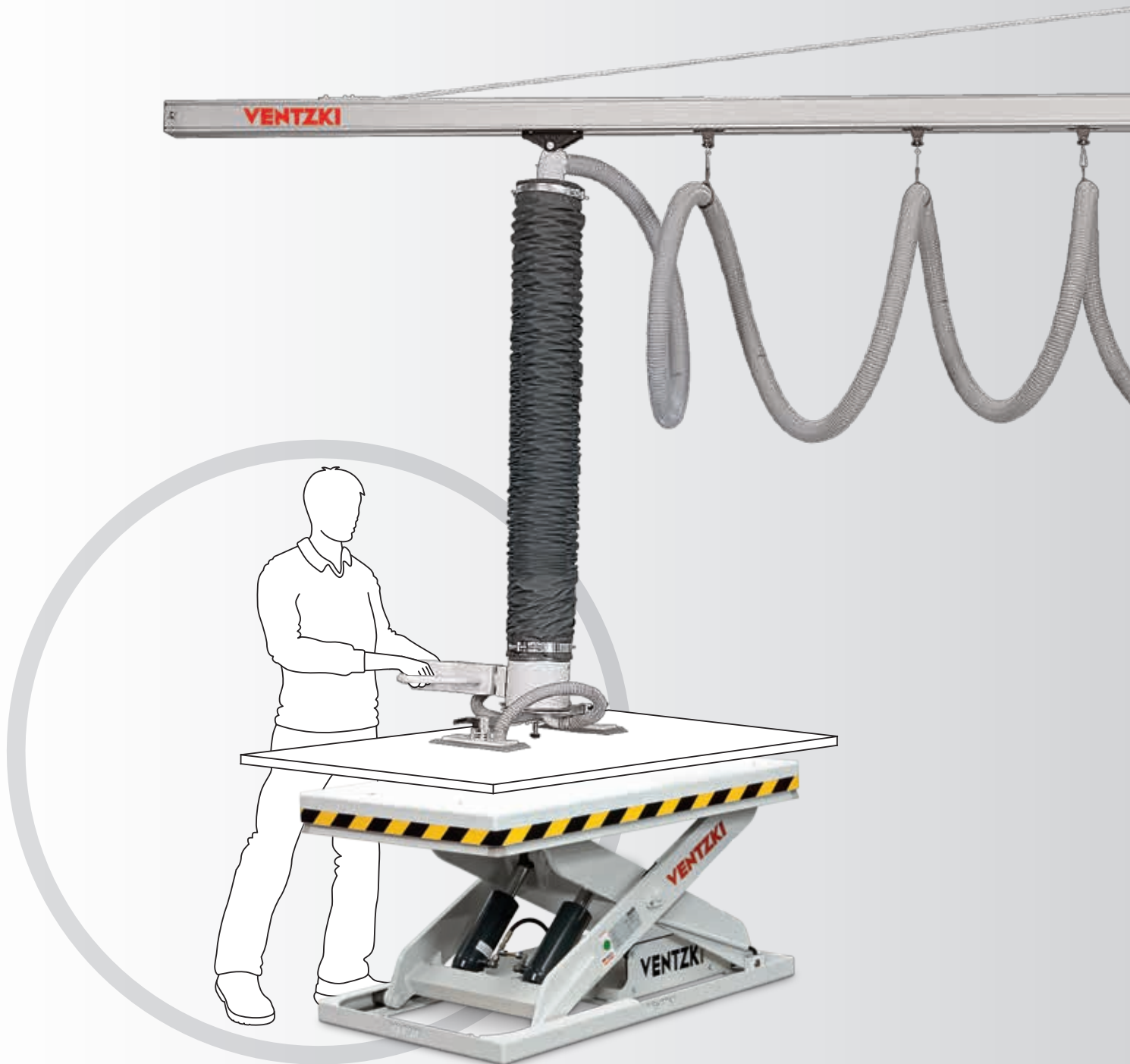


Healthy employees with ergonomic process work equipment

Poor posture at the workplace can lead to a health risk. Ventzki Handling Systems has developed and produced ergonomically designed, universally deployable Ventzki handling equipment since 1985 for lifting, tilting, tipping and transferring. This also includes combination equipment which bring together several functions in one.

Founded in 1882 as a special company for agricultural engineering in the west Prussian town of Graudenz, Ventzki is based today in Eislingen, Baden- Württemberg, Germany, and a popular system supplier for complete solutions in many different industries. Our customers include automobile manufacturers and suppliers, electronics, fittings and fixture companies, household appliance manufacturers, machine tool and system builders as well as companies in process industries.

Ventzki's customers benefit from a broad range of products and comprehensive knowledge in all fields of applications in two key areas: You receive all solutions from one source, and can trust mature products based on decades of experience. The high-quality handling systems make work processes easier in all areas thanks to Ventzki a reduction in loads on the spinal column and body motions, providing optimal ergonomics at the workplace.



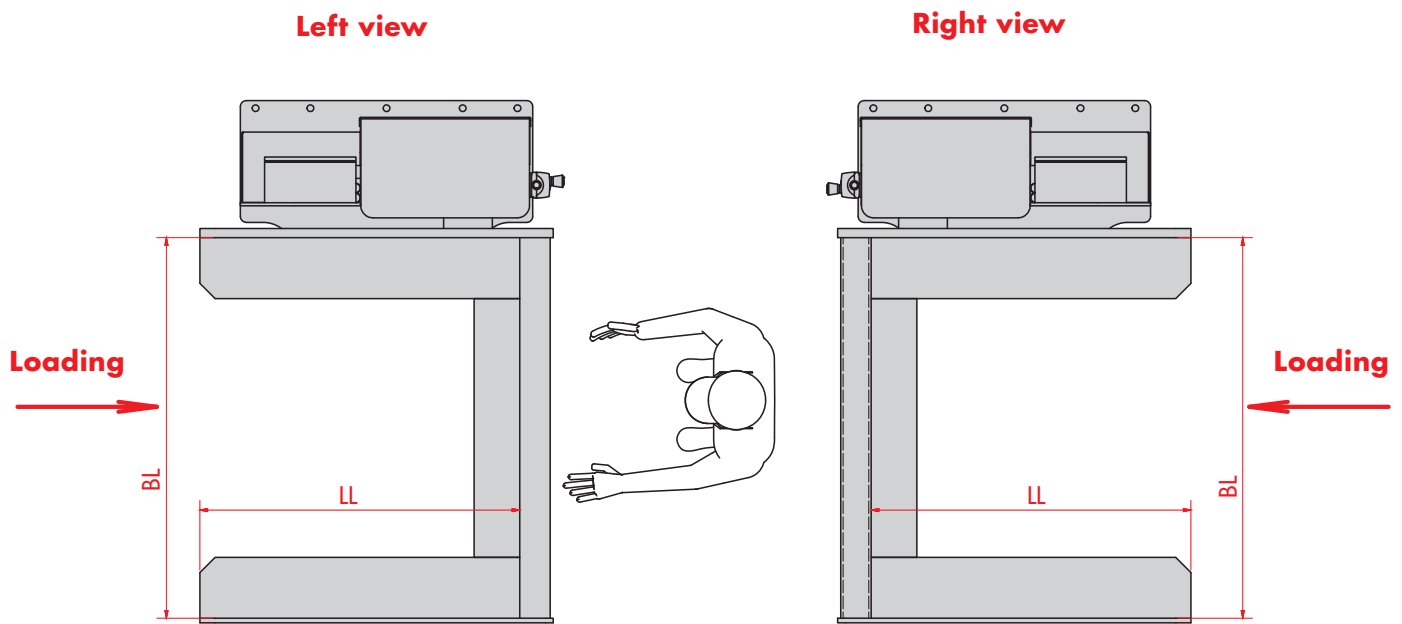
Technical explanations

First, a few important points to generally understand the catalogue.

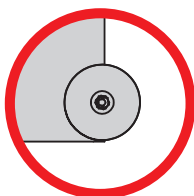
Abbreviations in the technical drawings

BL	=	Width of the load bearing	GH	=	Total height	ZB	=	Tongue width
LL	=	Length of the load bearing	GB	=	Total width	HS	=	Dumping height
BA	=	Dumping width	GL	=	Total length	SW	=	Pouring width
LA	=	Length of the section	BH	=	Loading height/building height	SA	=	Pouring distance
			EH	=	Extraction height			

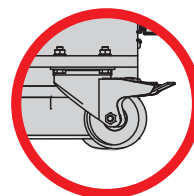
Technical description of side loading



Partially mobile equipment:
with two rigid casters to
move at the place used



Mobile equipment:
with steering and casters,
casters with brakes



The most-important benefits



Easy to work with heavy loads – height differences evened for ergonomic loading and unloading

Fatigue-free work – containers, tools and products easily lifted to different heights

More effectively load machines – the best position for each user

Accelerate work processes – easier and faster loading of machines without physical stress

Highest flexibility – can be used universally and flexibly in lifting and tilting processes as well as all types of systems

Highly versatile for transfers – custom solutions for filling, mixing and weighing processes

Safely tip heavy tons – versatile helper for material logistics and internal transport



Scissor lifting tables: Easy working with heavy loads

Scissor lifting tables are appropriate to compensate for height differences, for ergonomic loading and unloading, and for feeding material. They can also be used as individual lifting stages with special designs, such as with pluggable protective guardrails. Various designs of drives and controls are used depending upon requirements and where they are deployed.







SHT Scissor Lifting Tables

Scissor lifting tables with electrohydraulic drives can carry up to 6,000 kg and provide ergonomic loading and unloading

- ▶ Suitable for heavy loads up to 6,000 kg.
- ▶ Electrohydraulic drive -- can also be provided with a hydropneumatic drive.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ The tables adhere to the latest accident prevention regulations as well as applicable EN standards (DIN EN 1570) and the current EU machine directives.
- ▶ Optional accessories, such as removable guardrails, rollover valves, bellows, roller track attachments, special, turning and tipping platforms.
- ▶ Special designs available.



SHT

i AREAS OF APPLICATION

- Installation workplaces
- Shipping and goods receiving
- Compensation for height differences

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Platform (in mm)		Design height (in mm)	Useful lift (in mm)	Lifting time (in seconds)	Mobile possible
		BL	LL				
SHT 0,5/70/90	500	700	900	160	600	12	✓
SHT 1/70/130	1.000	700	1.300	180	820	15	✓
SHT 1/70/170	1.000	700	1.700	180	1.100	27	✓
SHT 1/80/130	1.000	800	1.300	180	820	15	✓
SHT 1/80/200	1.000	800	2.000	200	1.300	16	✓
SHT 1/100/130	1.000	1.000	1.300	180	820	15	✓
SHT 1,5/100/170	1.500	1.000	1.700	230	1.100	17	✓
SHT 1,5/120/170	1.500	1.200	1.700	230	1.100	17	✓
SHT 2/80/130	2.000	800	1.300	200	820	17	✓
SHT 2/100/130	2.000	1.000	1.300	200	820	17	✓

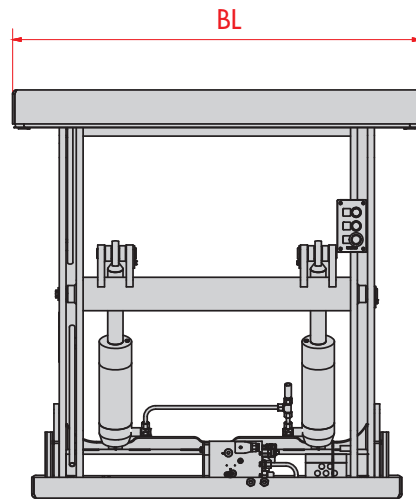
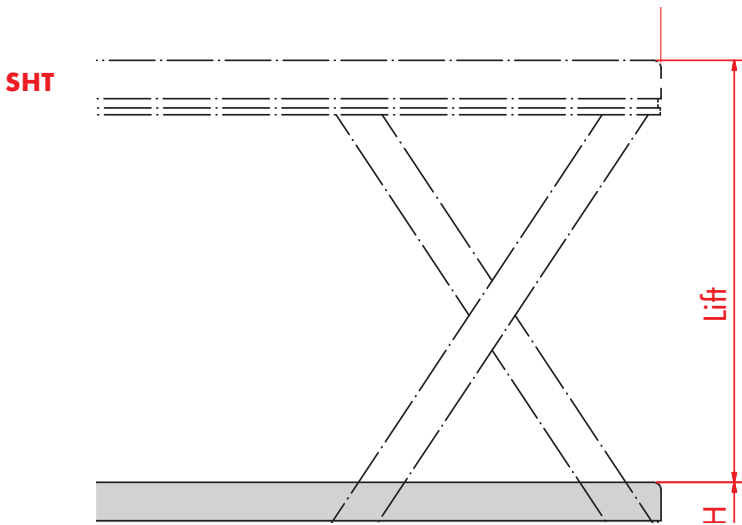


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Or use our questionnaire at

www.ventzki.de/anfrage



PRODUCT HIGHLIGHTS

- Surrounding safety contact strip
- Tube break valve in the cylinder
- Maintenance supports
- Load-independent power regulating valve

PRODUCT FILM

SHT at www.ventzki.de/produktfilme

Equipment type	Load capacity (in kg)	Platform (in mm)		Design height (in mm)	Useful lift (in mm)	Lifting time (in seconds)	Mobile possible
		BL	LL				
SHT 2/100/150	2.000	1.000	1.500	220	1.000	26	✓
SHT 2/120/150	2.000	1.200	1.500	220	1.000	26	✓
SHT 2/120/220	2.000	1.200	2.200	250	1.500	27	✓
SHT 2/150/220	2.000	1.500	2.200	250	1.500	27	✓
SHT 3/80/130	3.000	800	1.300	250	820	26	✓
SHT 3/90/170	3.000	900	1.700	250	1.100	27	✓
SHT 3/130/250	3.000	1.300	2.500	300	1.700	27	✓
SHT 3/150/300	3.000	1.500	3.000	400	2.000	38	✓

Larger load capacities and dimensions available on request. Power ratings: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035



FFT flat form lifting tables

Flat form lifting tables with electrohydraulic drives with a load capacity of up to 2,000 kg for ergonomic loading and unloading

- ▶ A practical solution for ergonomic loading and unloading containers or pallets.
- ▶ Suitable for pallets and containers up to 2,000 kg.
- ▶ Electrohydraulic drive - can also be provided with a hydropneumatic drive.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ Rotating platform available as an accessory. Special designs available.
- ▶ Container stops possible in accordance with customer specifications..



i AREAS OF APPLICATION

- Installation workplaces
- Shipping and goods receiving
- Compensation for height differences

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Platform (in mm)		Design height (in mm)	Useful lift (in mm)	Lifting time (in seconds)	Mobile possible
		BL	LL				
FFT 0,5/60/90	500	600	900	80	630	9	X
FFT 0,6/90/150	600	900	1.500	80	720	13	X
FFT 0,6/90/150	600	900	1.500	80	970	19	X
FFT 1/80/135	1.000	800	1.350	80	820	13	X
FFT 1/100/135	1.000	1.000	1.350	80	820	13	X
FFT 1/127/135	1.000	1.270	1.350	80	820	19	X

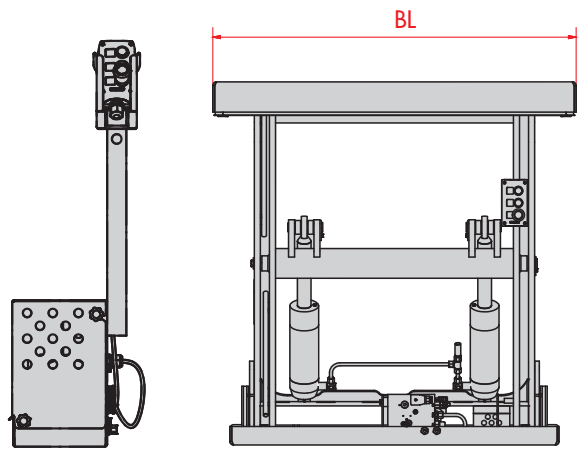
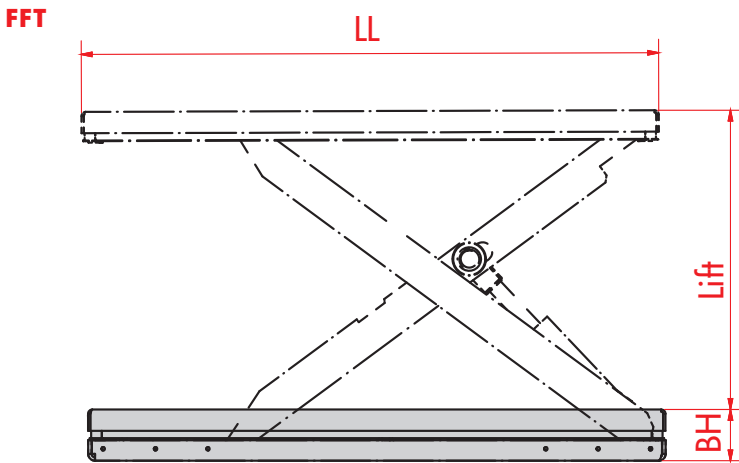


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www.ventzki.de/anfrage



PRODUCT HIGHLIGHTS

- Surrounding safety contact strip
- Tube break valve in the cylinder
- Maintenance supports
- Load-independent power regulating valve
- Unit outside

PRODUCT FILM

FFT at www.ventzki.de/produktfilme

Equipment type	Load capacity (in kg)	Platform (in mm)		Design height (in mm)	Useful lift (in mm)	Lifting time (in seconds)	Mobile possible
		BL	LL				
FFT 2/80/135	2.000	800	1.350	100	820	24	X
FFT 2/100/135	2.000	1.000	1.350	100	820	24	X
FFT 2/127/135	2.000	1.270	1.350	100	820	24	X

Larger dimensions available on request. Power ratings: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035.



UFFT/EFFT flat form lifting tables

Flat form lifting tables with electrohydraulic drive for ergonomic lifting of containers and pallets up to 2,000 kg

- ▶ A practical solution for ergonomic loading and unloading containers or pallets with hand trucks or electric hand trucks.
- ▶ Suitable for pallets and containers up to 2,000 kg.
- ▶ Electrohydraulic drive - also available with a hydropneumatic drive
- ▶ Low-maintenance and trouble-free operation due to high quality and robust components.
- ▶ Turntable available as an accessory.
- ▶ Special designs available. Container stops possible in accordance



i AREAS OF APPLICATION

- Installation workplaces
- Shipping and goods receiving
- Compensation for height differences

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Platform (in mm)		Design height (in mm)	Useful lift (in mm)	Lifting time (in seconds)	Mobile possible
		BL	LL				
UFFT 1/106/135	1.000	1.060	1.350	80	820	13	X
UFFT 2/118/135	2.000	1.180	1.350	100	820	24	X
EFFT 0,6/90/145	600	900	1.450	80	720	13	X
EFFT 0,6/90/145	600	900	1.450	80	970	19	X

Larger dimensions available on request. Power ratings: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035.



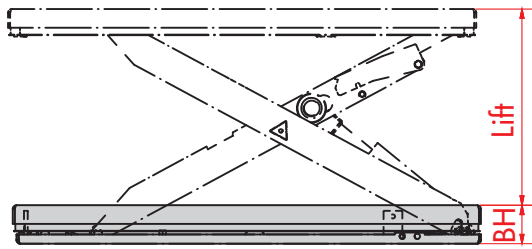
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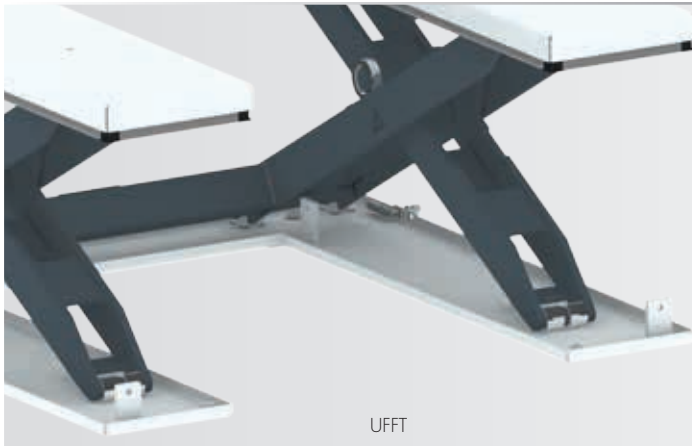
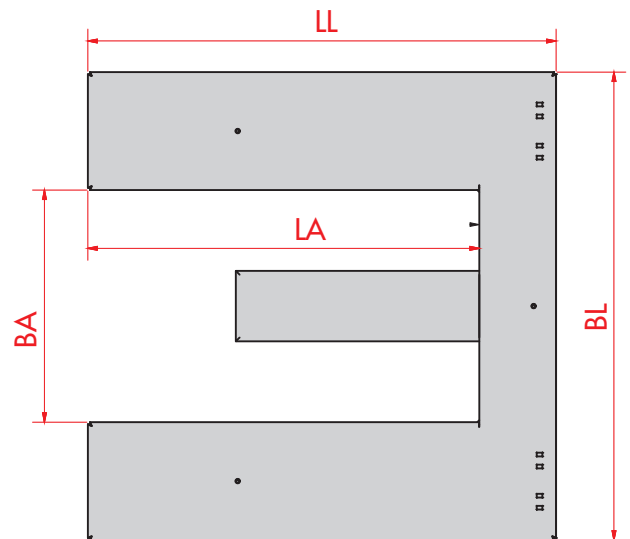
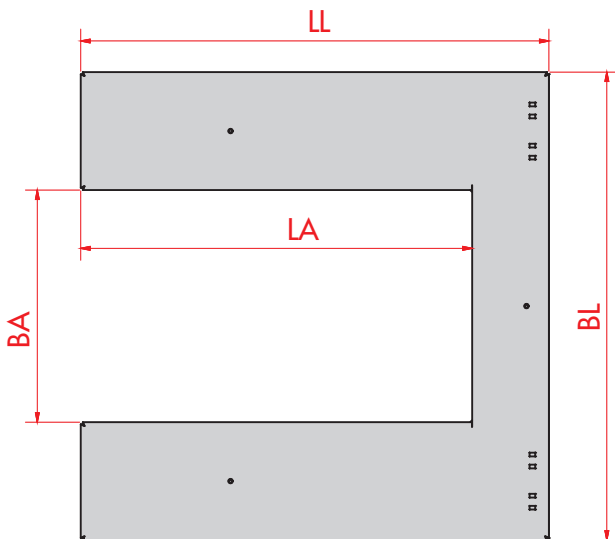
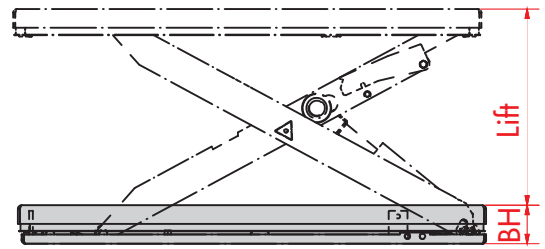
Or use our questionnaire at

www.ventzki.de/anfrage

UFFT



EFFT



PRODUCT HIGHLIGHTS

- Surrounding safety contact strip
- Low height
- Maintenance supports
- U- and E form for loading with handtrucks
- Unit outside



Container lifting equipment: Fatigue-free work

Lifting devices are essential helpers in production, assembly and repairs to hold containers, tools and products at Ventzki various heights, supporting ergonomic work.







HM 990

Mobile lifting equipment without energy supplies, can be used with containers up to 200 kg

- ▶ Suitable for small containers such as KLT boxes and other load carriers.
- ▶ Automatic-mechanical drive system: can be set steplessly with a crank - independent of any outside energy source.
- ▶ Weight-dependent height regulation.
- ▶ With steering and fixed rollers, casters with brakes.
- ▶ Ergonomically-shaped handles for easy transport to where it is used.
- ▶ Removable border strips on the platform to secure containers.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.

i AREAS OF APPLICATION

- Handling KLT containers in production and assembly
- Automobile and automobile supplier industries



HM 990

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Platform (in mm)		Loading height (in mm)	Lift (in mm)	Own weight (in kg)	Mobile possible
		BL	LL				
HM 990	150	610	450	890	540	92	✓
HM 990	200	610	450	940	540	100	✓

Paint: RAL 7035/7016



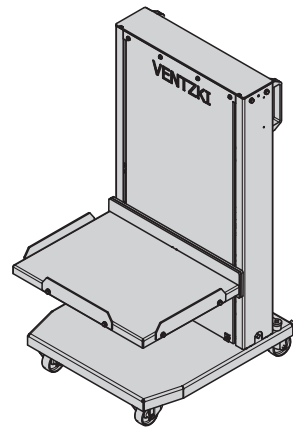
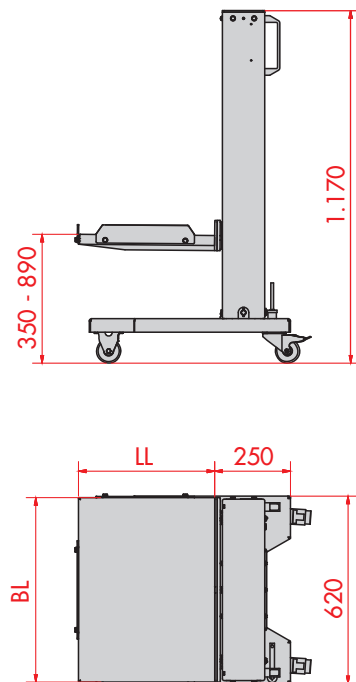
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HM 990



HM 990

☀️ PRODUCT HIGHLIGHTS

- Crank on the setting spindle to setspring force
- Can be used without an energy supply
- Mobile with steering and fixed rollers, casters with brakes



HE-LP 100

Mobile lifting equipment with electric motor drive (battery) for energy-independent use for containers up to 100 kg

- ▶ Suitable to transport small load carriers.
- ▶ Load receptacle with an MDF wood panel.
- ▶ Four steering rollers, of which two with brakes.
- ▶ Operate with a hand lever.
- ▶ Useful lift: 1,250 and 1,700 mm.
- ▶ Special load receptacles available (Zinc load carriers, load mandrels).
- ▶ LED load display
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ 230V charging device included with delivery.

i AREAS OF APPLICATION

- Production and warehouse
- Pharmaceutical industry
- Foodstuff industry
- Vehicle industry



HE-LP 100

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Platform (in mm)		Loading height (in mm)	Total height (in mm)	Tilt (in mm)	Mobile possible
		BL	LL				
HE-LP 100	100	450	400	150	1.650	1.250	✓
HE-LP 100	100	450	400	150	2.050	1.700	✓

Paint: RAL 7035



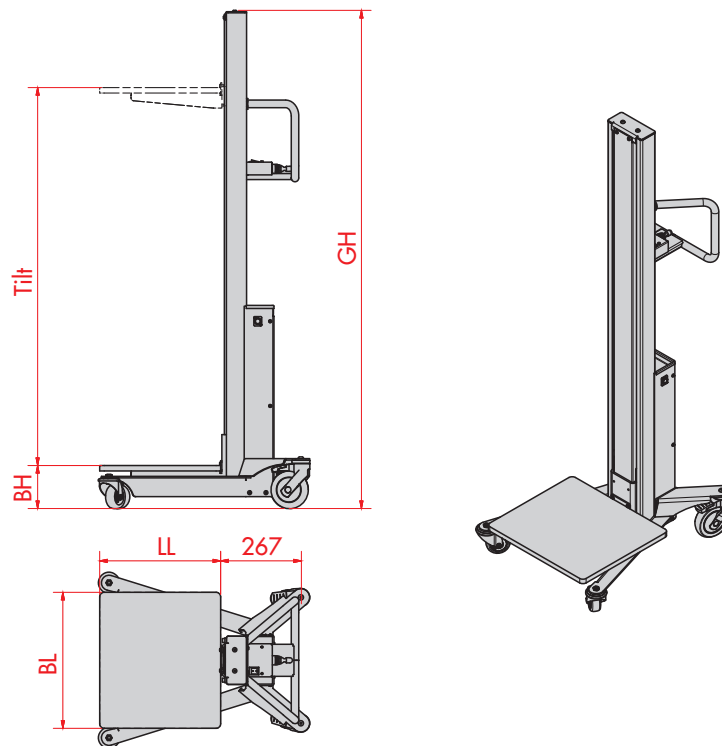
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HE-LP 100



★ PRODUCT HIGHLIGHTS

- Mobile with four steering rollers two with brakes
- Energy-independent, battery-operated
- Low empty weight



HP 200/250

Lifting equipment with pneumatic drive for stepless, adjustable ergonomic working heights for containers weighing up to 250 kg

- ▶ Suitable to carry small containers, carts, floor rollers and grating baskets.
- ▶ Load capacity, depending on model, from 200 to 250 kg.
- ▶ Sidewalls (in the HP 200).
- ▶ Pneumatic drive in accordance with the latest safety requirements.
- ▶ Safety valve equipment prevents the carrier dropping if there is a break in the line.
- ▶ Stepless adjustment to the desired ergonomic working height.
- ▶ Stationary equipment with side loading available.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.

i AREAS OF APPLICATION

- Automobile and automobile supplier industries
- Positioning KLT's over floor rollers at the workplace



HP 200

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling (in mm)		Overlay (ZB in mm)	Loading director	Loading height (in mm)	Useful lift (in mm)	Mobile possible
		BL	LL					
HP 200	200	445	600	200	from the front	120	600	✓
HP 200	200	445	600	200	from the front	120	800	✓
HP 200 R/L	200	445	600	200	Side-loading (R/L)	120	600	✗
HP 200 R/L	200	445	600	200	Side-loading (R/L)	120	800	✗
HP 250	250	620	450	270	from the front	120	800	✓
HP 250 R/L	250	620	450	270	Side-loading (R/L)	120	800	✗

Connection: Compressed air 6 bar, Paint: RAL 7035/7016



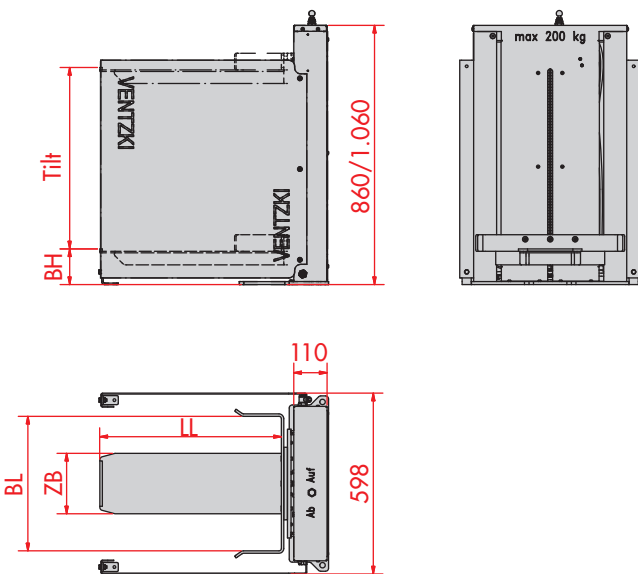
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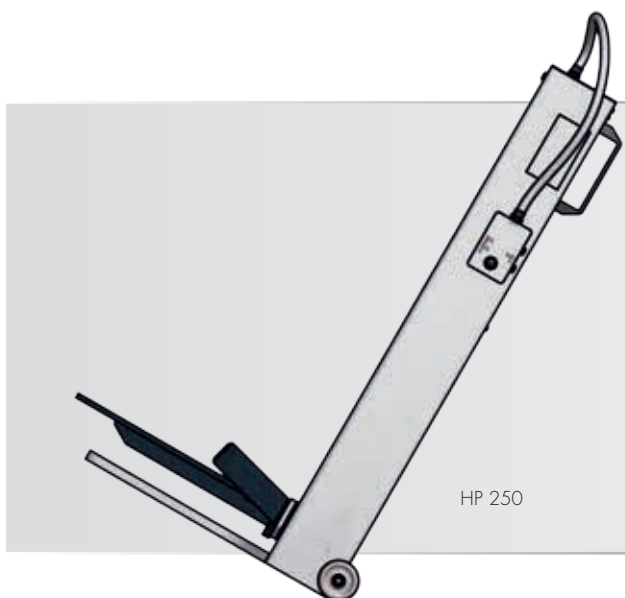
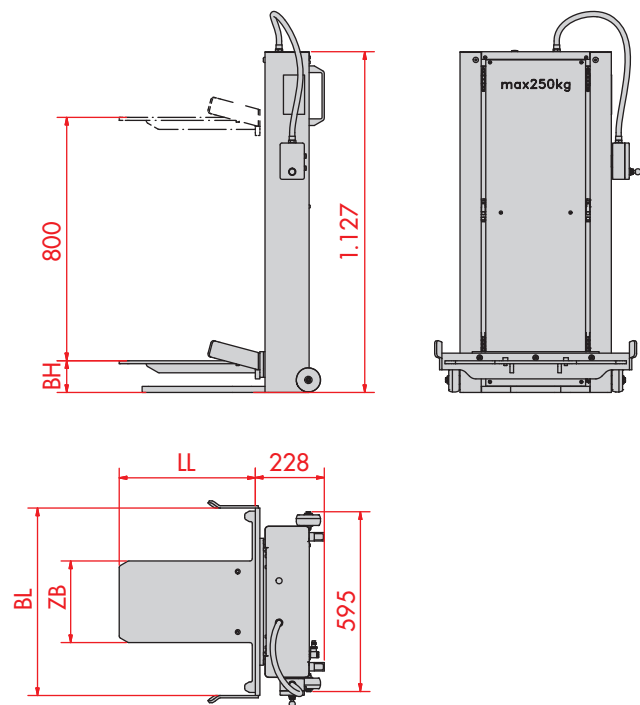
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HP 200 (stationary)



HP 250 (partially mobile)



HP 250

PRODUCT HIGHLIGHTS

- low design depth and height of the lifting column, thus easier working with the containers

PRODUCT FILM

HP 200 and HP 250 at www.ventzki.de/produktfilm



HP 300/500

Lifting equipment with pneumatic drive in stationary or mobile (with suspension) designs for up to 500 kg containers

- ▶ Suitable to carry small containers, carts, floor rollers and grating baskets.
- ▶ Load capacity, depending on model, from 300 to 500 kg.
- ▶ Suspension consists of two steering rollers, including brake and one caster for individual and flexible uses.
- ▶ Pneumatic drive meeting the latest safety requirements
- ▶ Valve equipment prevents the carrier dropping if there is a break in the line
- ▶ Stepless adjustment to the desired ergonomic working height.
- ▶ Stationary equipment with side loading available.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.

i AREAS OF APPLICATION

- **Automobile and automobile supplier industries**
- **Positioning KLT's over floor rollers at the workplace**



HP 500

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling (in mm)		Loading direction	Loading height (in mm)	Useful lift (in mm)	Own weight (in kg)	Mobile possible
		BL	LL					
HP 300	300	450	550	from the front	120	750	150	✓
HP 300 R/L	300	450	550	Side-loading (R/L)	120	750	140	✗
HP 500	500	450	550	from the front	120	750	180	✓
HP 500 R/L	500	450	550	Side-loading (R/L)	120	750	170	✗

Connection: Compressed air 6 bar, Paint: RAL 7035/7016



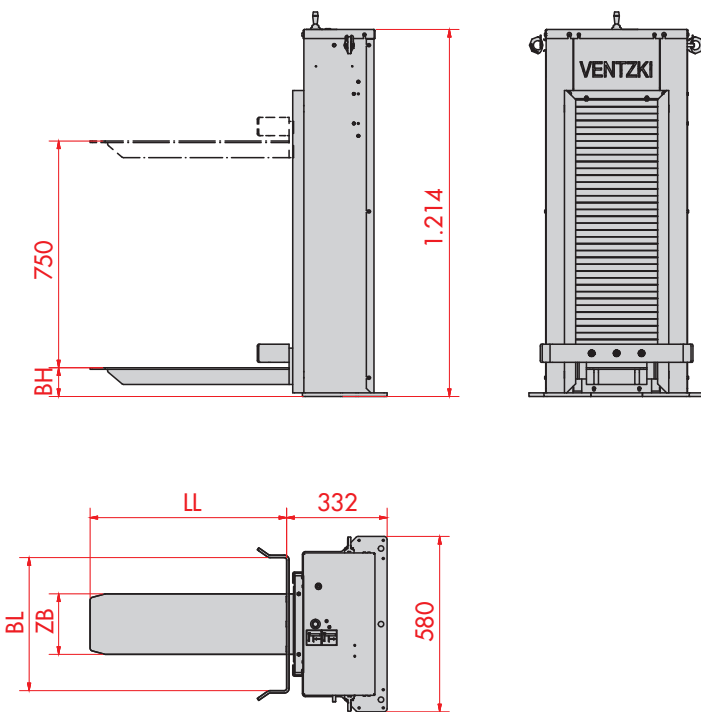
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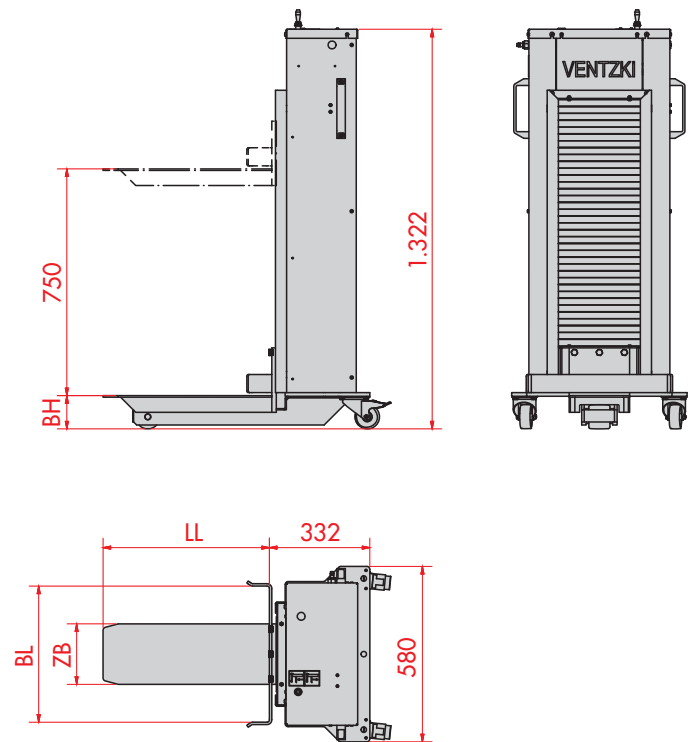
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HP 300/500 (stationary)



HP 300/500 (mobile)



HP 500

PRODUCT HIGHLIGHTS

- Mobile with two steering rollers with a brake and a caster
- Narrow design
- Simple operation with a lever
- Bellows cover on the lifting column



HE-EP 200–1000

Lifting equipment with electric motor drive for energy-efficient use with containers up to 1,000 kg

- ▶ Lifting equipment with 230V power or 24V rechargeable battery (load capacity up to 500 kg).
- ▶ Suitable to carry small containers, carts, floor rollers and grating baskets.
- ▶ Load capacity depending upon model: 200 to 1,000 kg.
- ▶ Stepless adjustment to the desired ergonomic working height
- ▶ Can be provided as a mobile or partially mobile design (with load capacities up to 500 kg) and stationary design.
- ▶ Automatic operation using height sensors as optional equipment.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components

i AREAS OF APPLICATION

- **Automobile and automobile supplier industries**
- **Positioning KLT's over floor rollers at the workplace**



TECHNICAL DATA

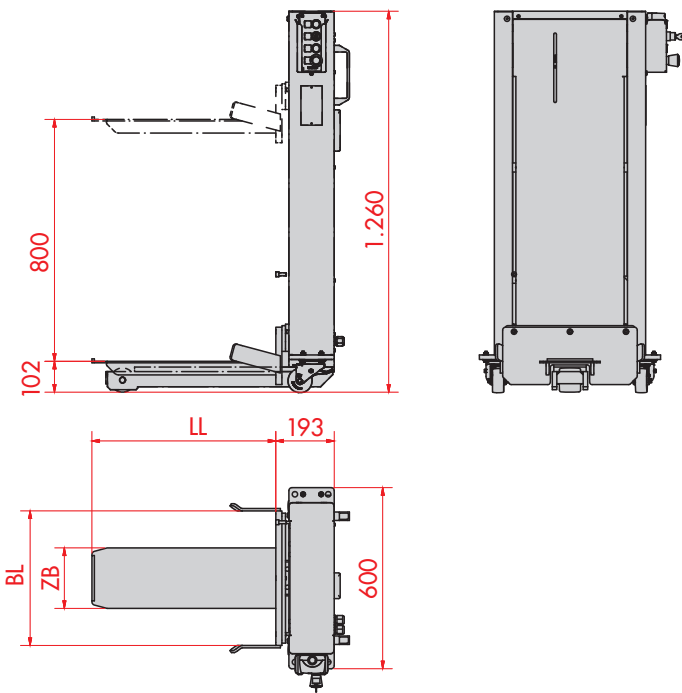
Equipment type	Load capacity (in kg)	Load handling (in mm)		Load direction	Loading height (in mm)	Useful lift (in mm)	Power	Mobile possible
		BL	LL					
HE-EP 200	200	430	620	from the front	120	800	230 V or battery	✓
HE-EP 200 R/L	200	430	620	Side-loading (R/L)	120	800	230 V or battery	✗
HE-EP 300	300	430	620	from the front	120	800	230 V or battery	✓
HE-EP 300 R/L	300	430	620	Side-loading (R/L)	120	800	230 V or battery	✗
HE-EP 500	500	430	620	from the front	120	800	230 V or battery	✓
HE-EP 500 R/L	500	430	620	Side-loading (R/L)	120	800	230 V or battery	✗



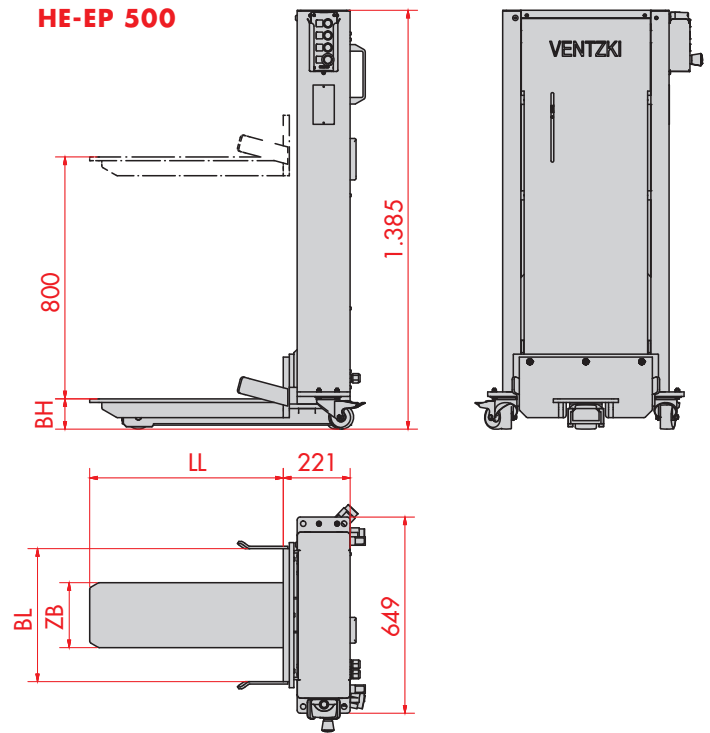
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HE-EP 200/300



HE-EP 500



PRODUCT HIGHLIGHTS

- Narrow design
- Partially mobile design
- Load carrying special materials available

PRODUCT FILM

HE-EP 200 and HE-EP 500 at
www.ventzki.de/produktfilme

Equipment type	Load capacity (in kg)	Load handling (in mm)		Loading direction	Loading height (in mm)	Useful lift (in mm)	Power	Mobile possible
		BL	LL					
HE-EP 750	750	640	1.050	from the front	150	800	230 V	X
HE-EP 750 R/L	750	640	1.050	Side-loading (R/L) (R/L)	150	800	230 V	X
HE-EP 1000	1.000	640	1.050	from the front	150	800	230 V	X
HE-EP 1000 R/L	1.000	640	1.050	Side-loading (R/L) (R/L)	150	800	230 V	X

Paint: RAL 7035/7016



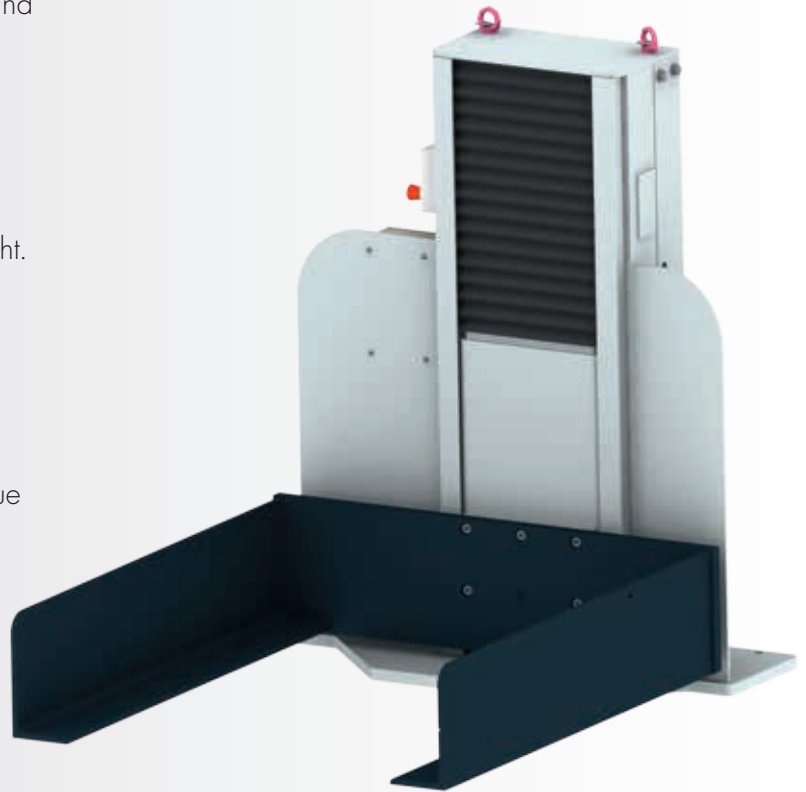
HE 1000/2000/3000

Lifting equipment with electrohydraulic drive for heavy loaders and containers up to 3,000 kg

- ▶ Especially suitable for carrying pallets and large containers.
- ▶ Load capacity depending upon model, up to 3,000 kg.
- ▶ Low-maintenance electrohydraulic drive.
- ▶ Stepless setting to the ergonomic working height.
- ▶ Available in stationary design
- ▶ Optional with turning or special platforms and lighted buttons for position queries (special equipment).
- ▶ Low-maintenance and trouble-free operation due to high-quality, robust components.
- ▶ Safety contact strips available as an option

i AREAS OF APPLICATION

- Lift large load carriers in the automobile industry
- Manual workplaces
- Installation workplaces



HE 1000

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling (in mm)		Loading direction	Loading height (in mm)	Useful lift (in mm)	Mobile possible
		BL	LL				
HE 1000	1.000	850/1.050	1.250	from the front	80/150	600	X
HE 1000 R/L	1.000	1.250	850/1.050	Side-loading (R/L)	150	600	X
HE 2000	2.000	850/1.050	1.250	from the front	80/150	600	X
HE 2000 R/L	2.000	1.250	850/1.050	Side-loading (R/L)	150	600	X
HE 3000	3.000	850/1.050	1.250	from the front	80/150	600	X
HE 3000 R/L	3.000	1.250	850/1.050	Side-loading (R/L)	150	600	X

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



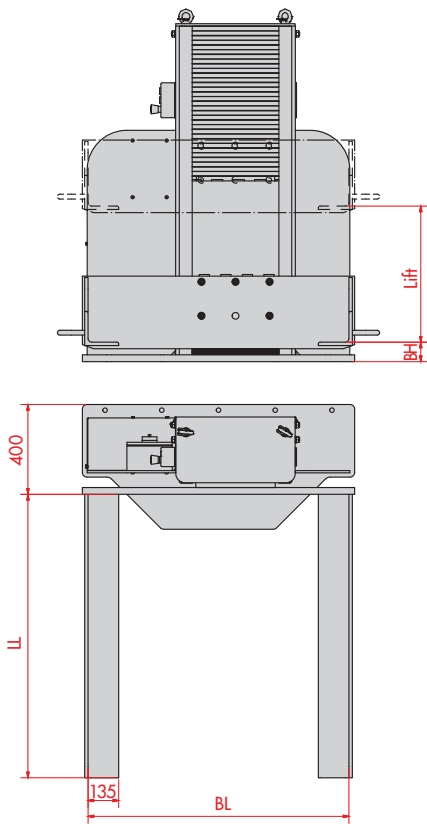
Contact and advice:

+49 7161 98442-0
verkauf@ventzki.de

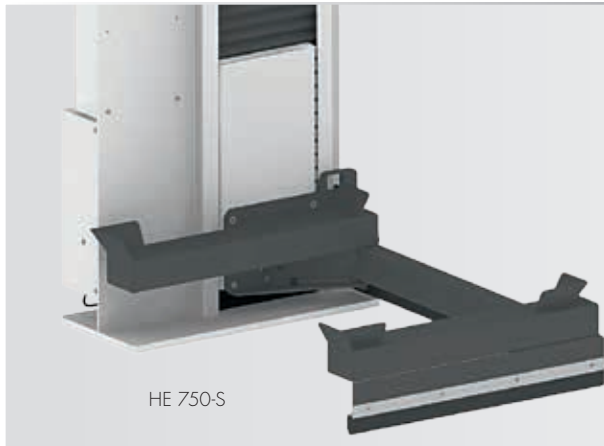
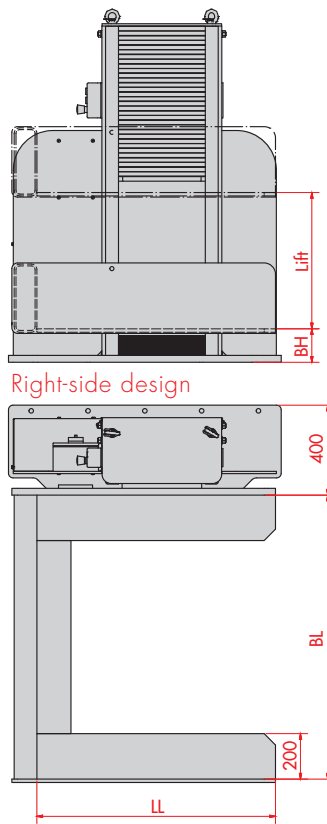
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HE 1000 (front loader)



HE 1000 (side loader)



PRODUCT HIGHLIGHTS

- Load carrying devices can be adapted to customer's needs
- Compact design
- Stepless, adjustable using a dead-man switch



Container tipping equipment: Load machines more effectively

Mobile or stationary tipping equipment is suitable for containers and pallets of all kinds, and provide effective and fatigue-free loading of machines. The material is brought to the most-favourable position for the user.







NE 330

Stationary tipping equipment with electrohydraulic drive for large load carriers with space-saving design and a load capacity of up to 1,200 kg

- ▶ Low space needs due to two-dimensional tipping movements; thus, no container overhang into the working area.
- ▶ Can lift large load carriers such as cage boxes.
- ▶ Can position containers using a route pulling system.
- ▶ Low-maintenance electrohydraulic drive.
- ▶ Tipping angle to 80°.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ With side protective grid.



NE 330

i AREAS OF APPLICATION

- Positioning on automobile production line conveyors

TECHNISCHE DATEN

Equipment type	Load capacity (in kg)	Load handling (in mm)		Loading direction	Loading height (in mm)	Tip	Mobile possible
		BL	LL				
NE 330	600	1.260	1.025	von vorn	450	80°	X
NE 330	1.200	1.260	1.025	von vorn	450	80°	X

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



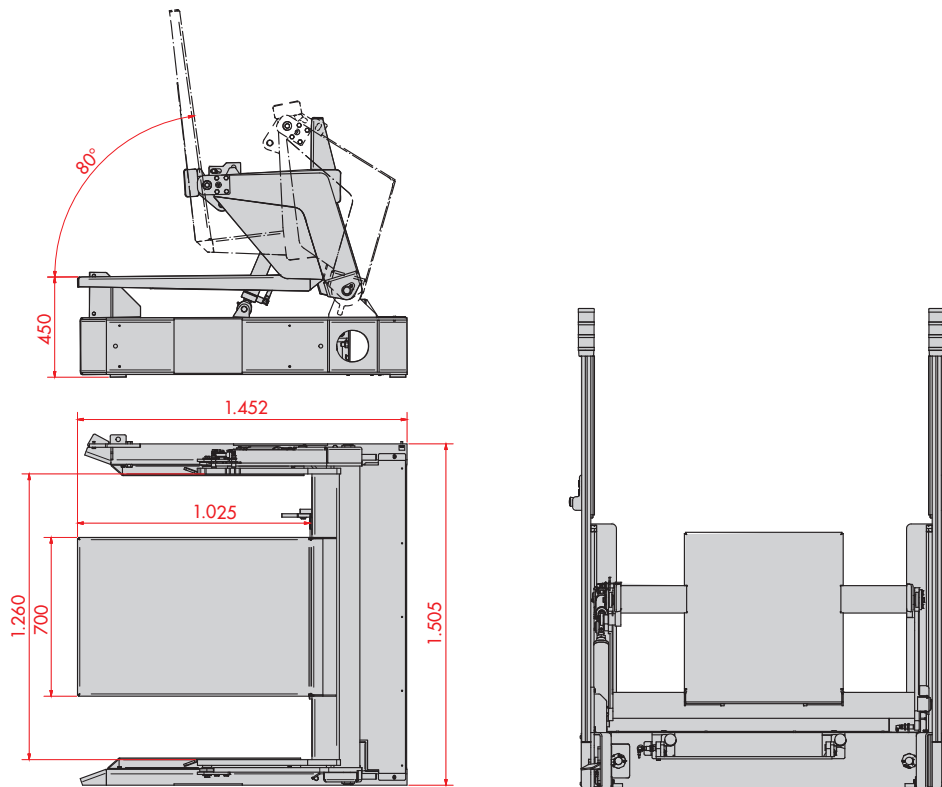
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NE 330



★ PRODUCT HIGHLIGHTS

- Minimal container overhang in atipped state
- Space-saving design
- Stepless setting of the tilt angle



NE/NPX 304-328

Stationary tipping equipment with electrohydraulic or hydropneumatic drive for low-maintenance and trouble-free operation for containers up to 2,500 kg

- ▶ Electrohydraulic drive: NE; Hydropneumatic drive: NPX (connection power: 6 bar, max. load capacity 2,000 kg).
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ Stepless setting of the tilt angle
- ▶ Ideal for frequent container changes.
- ▶ Access height 100 mm (Loading possible from 3 sides).
- ▶ Mobile special design available.
- ▶ Can be foot- or hand-operated (hand switch on the stand).



i AREAS OF APPLICATION

- Foundries
- Manual industrial workplaces
- Metalworking
- Stamping plants

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling (in mm)		Pivot point	Loading height (in mm)	Tip	Mobile possible
		BL	LL				
NE 324	2.500	1.270	1.180	low pivot point	325	45°	✓
NE 326	2.500	1.850	1.300	low pivot point	325	45°	✓
NE 327	2.500	880	1.180	low pivot point	325	45°	✓
NE 328	2.000	1.270	880	low pivot point	325	45°	✓
NE 304	2.000	1.270	1.180	high pivot point	325	45°	✓
NE 306	2.000	1.850	1.300	high pivot point	325	45°	✓
NE 308	2.000	1.270	880	high pivot point	325	45°	✓

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016, Low clearance 100 mm



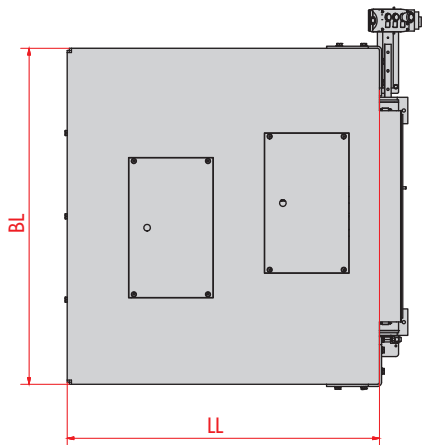
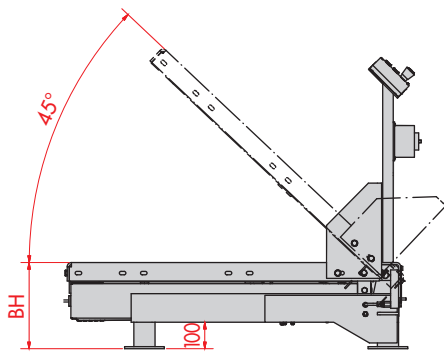
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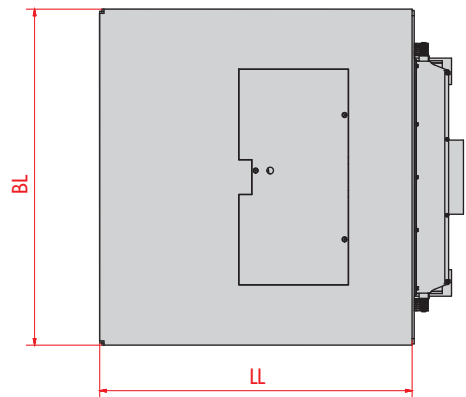
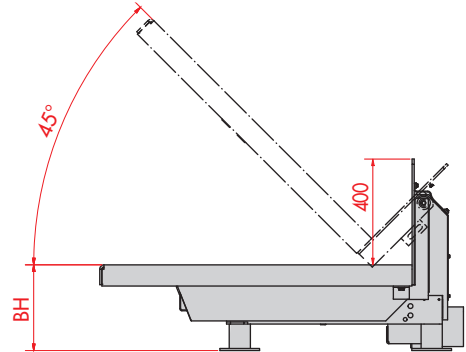
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NE 324



NE 304



NE 324

PRODUCT HIGHLIGHTS

- Stepless setting of the tilt angle
- 100 mm low clearance
- Can load from 3 sides
- Sheet metal cover



NE 018/019

Mobile tipping equipment with electrohydraulic drive for flexible use with containers of all types up to 1,500 kg

- ▶ Electrohydraulic drive.
- ▶ Stepless setting of the tip angle.
- ▶ Ergonomic design using state of the art elements.
- ▶ Low-maintenance and trouble-free operation due to high-quality, robust components.
- ▶ Mobile use in different areas.
- ▶ Steering rollers with brake and casters.
- ▶ Hydropneumatic design adapted to customer's needs.
- ▶ Shifting bracket provided as standard equipment.



NE018

i AREAS OF APPLICATION

- Foundries
- Manual industrial workplaces
- Metalworking

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling (in mm)		Overlay (ZB in mm)	Loading height (in mm)	Tip	Mobile possible
		BL	LL				
NE 018	1.000	540	805	2 x 160 Zinken	90	90°	✓
NE 019	1.500	540	805	2 x 160 Zinken	90	90°	✓

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



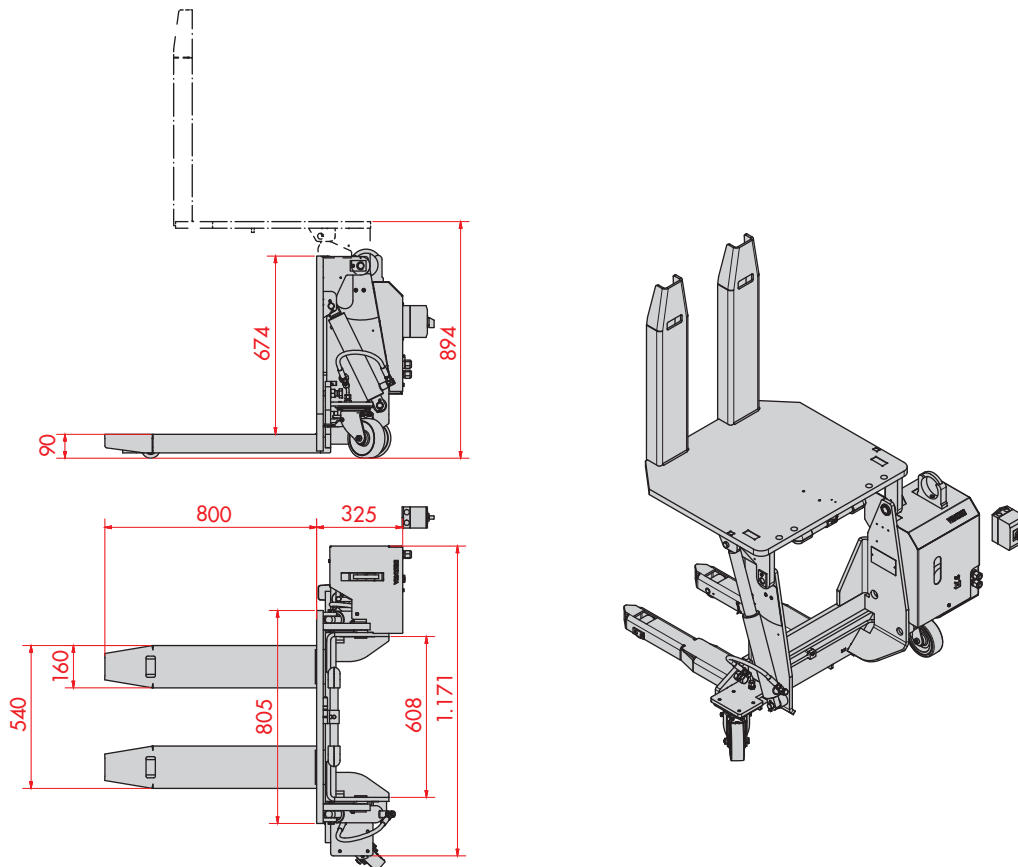
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NE018



★ PRODUCT HIGHLIGHTS

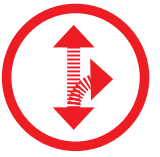
- Mobile with steering rollers with and casters
- Stepless setting of the tip angle
- Compact design



Container lifting and tipping equipment: Accelerate work processes

One can achieve significant easing and acceleration of work processes in loading machines using lifting and tipping equipment. Ventzki offers various solutions for many purposes







NHE 304/305

Mobile lifting and tipping equipment with electrohydraulic drive and a tipping angle of up to 90° for various areas of use and containers up to 1,500 kg

- ▶ Suitable for carrying standard and pallets
- ▶ Maximum tilt angle: 90°.
- ▶ Load capacity of up to 1,500 kg, depending upon model
- ▶ Maintenance electrohydraulic drive
- ▶ Stepless setting of working height tilt angle.
- ▶ As a standard design quipped with fork rakes standard.
- ▶ Two steering and two fixed casters. Steering wheels with brakes
- ▶ Low-maintenance and trouble-free operation due to high-quality robust components



NHE305

i AREAS OF APPLICATION

- Lifting and tilting heavy load carriers

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling (in mm)		Overlay (ZB in mm)	Extraction height (in mm)	Loading height (in mm)	Useful lift (in mm)	Tilt	Mobile possible
		BL	LL						
NHE 304	500	540	800	2 x 160 rakes	780	85	300	90°	✓
NHE 305	1.500	560	800	2 x 180 rakes	950	85	300	90°	✓

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



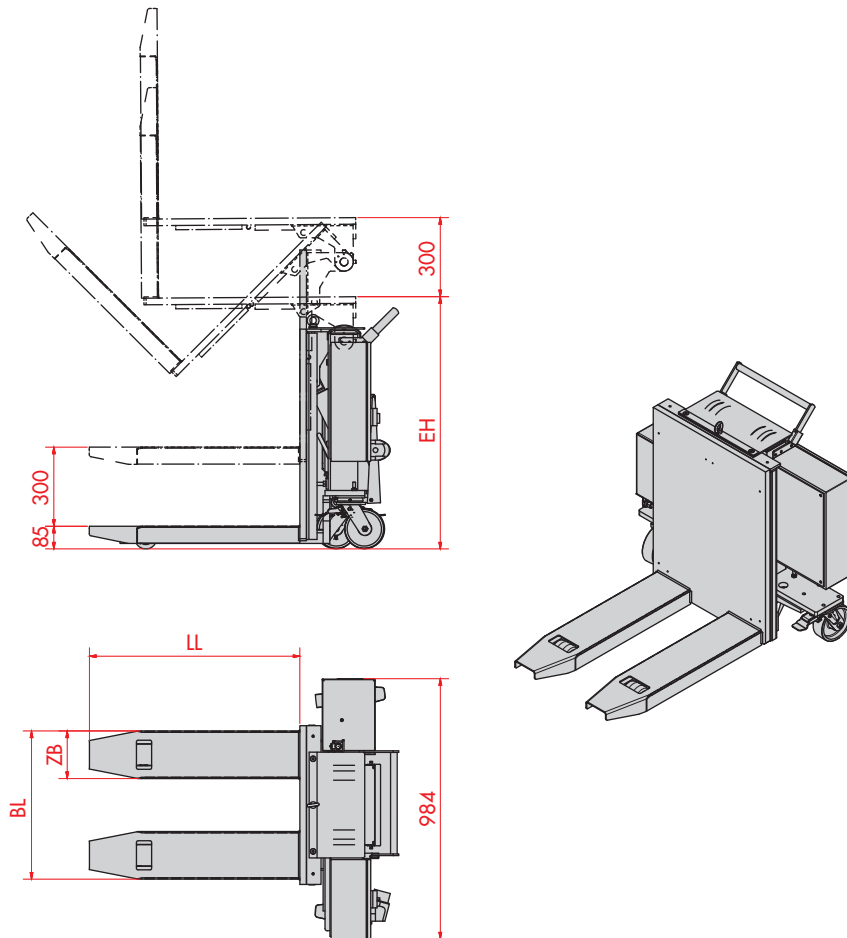
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NHE 305



PRODUCT HIGHLIGHTS

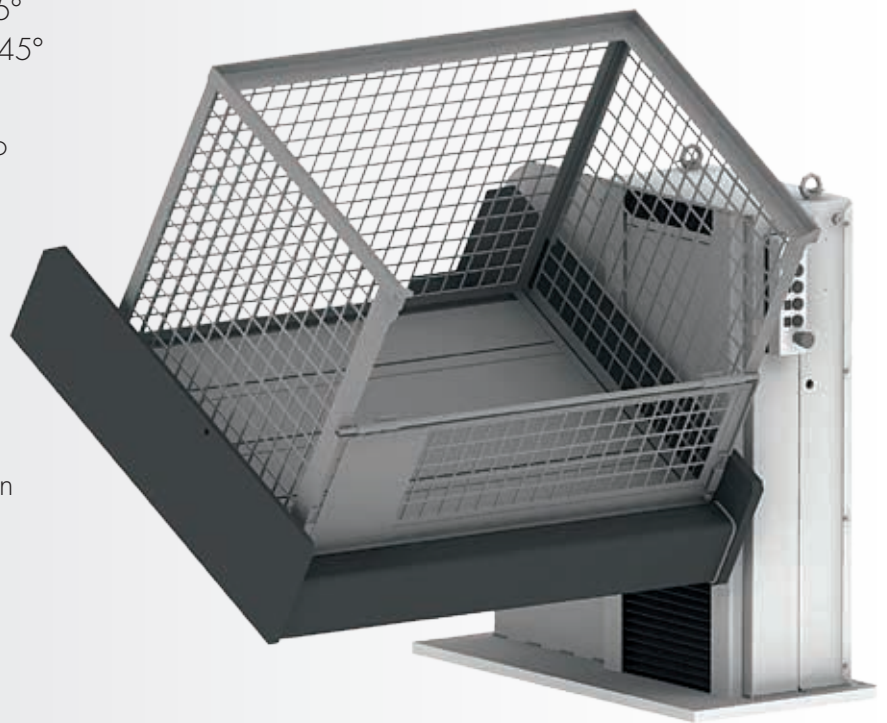
- Mobile with steering and fixed rollers, casters with brakes
- Stepless setting of the lifting and tilting position
- Compact design



HNE 750–3000

Lifting and tilting equipment for pallet and large containers with electrohydraulic drive for a space-saving and proper use

- ▶ Especially suitable to take pallets and large containers.
- ▶ Tilt to 45° on one side (standard) or 2 x 45° as a special option (HNE 3000 only 1 x 45° possible).
- ▶ Load capacity, depending on model, up to 3,000 kg.
- ▶ Low-maintenance electrohydraulic drive.
- ▶ Stepless setting of the working height and tilt angle.
- ▶ All equipment can be loaded either from the front or side.
- ▶ Low-maintenance and trouble-free operation due to high-value and robust components



HNE 1000

i AREAS OF APPLICATION

- Lifting and tilting large load carriers
- Automobile and automobile supplier industries

TECHNICAL DATA

Equipment type	Load cap. (in kg)	Load handling (in mm)		Loading direction	Loading height (in mm)	Useful lift (in mm)	Tilt	Mobile possible
		BL	LL					
HNE 750	750	850/1.050	1.250	from the front	80/150	600	1 x 45°/2 x 45°	X
HNE 750 R/L	750	1.250	850/1.050	Side-loading (R/L)	150	600	1 x 45°	X
HNE 1000	1.000	850/1.050	1.250	from the front	80/150	600	1 x 45°/2 x 45°	X
HNE 1000 R/L	1.000	1.250	850/1.050	Side-loading (R/L)	150	600	1 x 45°	X
HNE 2000	2.000	850/1.050	1.250	from the front	80/150	600	1 x 45°/2 x 45°	X
HNE 2000 R/L	2.000	1.250	850/1.050	Side-loading (R/L)	150	600	1 x 45°	X
HNE 3000	3.000	850/1.050	1.250	from the front	150	600	1 x 45°	X
HNE 3000 R/L	3.000	1.250	850/1.050	Side-loading (R/L)	150	600	1 x 45°	X

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



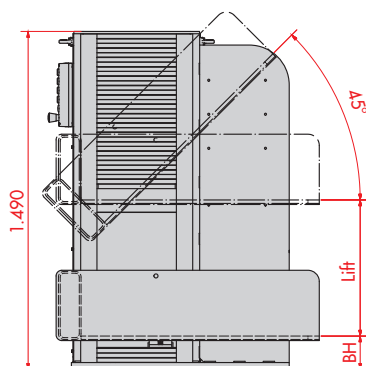
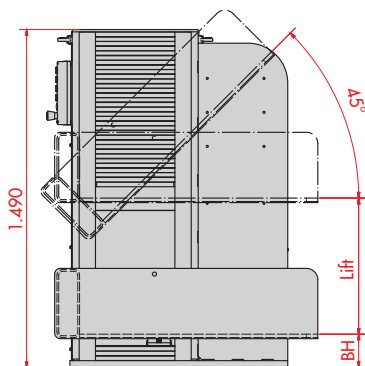
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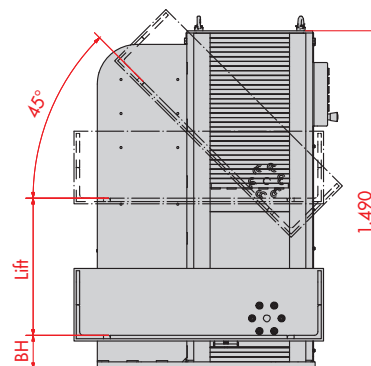
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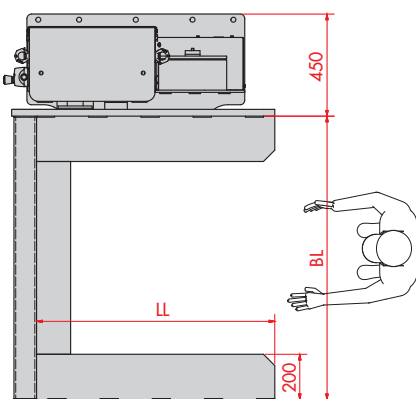
HNE 2000 (side loading)



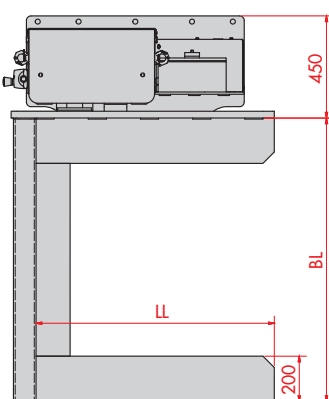
HNE 2000 (front loading)



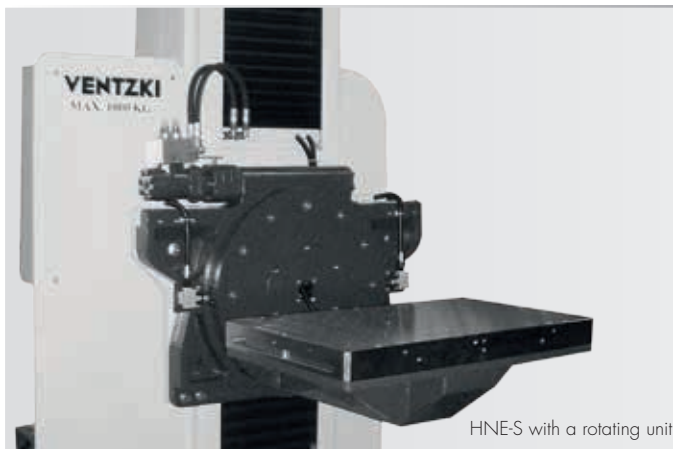
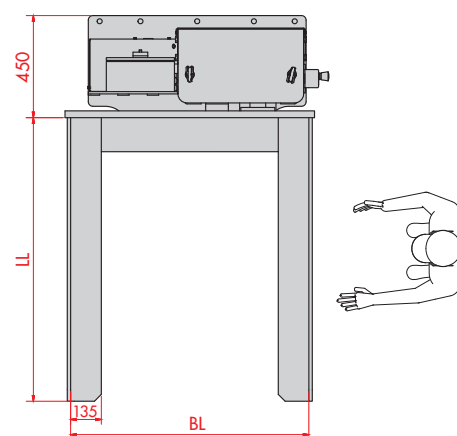
Left-handed design



Right-handed design



Right-handed design



PRODUCT HIGHLIGHTS

- Stepless setting of the lift and Ventzki tilt position
- Complete load-carrying capacity in every lifting or tilting position
- Free access from three sides possible
- Equipment can be optionally obtained with a rotating unit

PRODUCT FILM

HNE 2000 at www.ventzki.de/produktfilme



NHE 350/360

Lifting and tilting equipment with electrohydraulic drive for pallets and large containers up to 2,000 kg with optimized freedom of entry

- ▶ Low-maintenance electrohydraulic drive.
- ▶ Maximum tilt angle 90° (NHE 350: standard 60°).
- ▶ Compact and space-saving design.
- ▶ Can also be used in tight spaces
- ▶ Side as well as front loading possible (NHE 350 with an integrated unit)
- ▶ Useful lift: 300 mm.
- ▶ NHE 360 with even smaller access values and separate hydraulic unit (NHE 350 with an integrated unit).
- ▶ Low-maintenance and trouble-free, free operation due to high-quality and robust components



NHE 360

i AREAS OF APPLICATION

- Lifting and tilting heavy load carriers
- Automobile and automobile supplier industries

TECHNICAL DATA

Equipment type	Load cap. (in kg)	Load handling (in mm)		Loading direction	Loading height (in mm)	Useful lift (in mm)	Tilt	Mobile possible
		BL	LL					
NHE 350	1.500	1.250	850/1.050	from the front	150	300	60°	X
NHE 350 R/L	1.500	850/1.050	1.250	Side-loading (R/L)	150	300	60°	X
NHE 360	2.000	1.250	850/1.050	from the front	150	300	90°	X
NHE 360 R/L	2.000	850/1.050	1.250	Side-loading (R/L)	150	300	90°	X

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



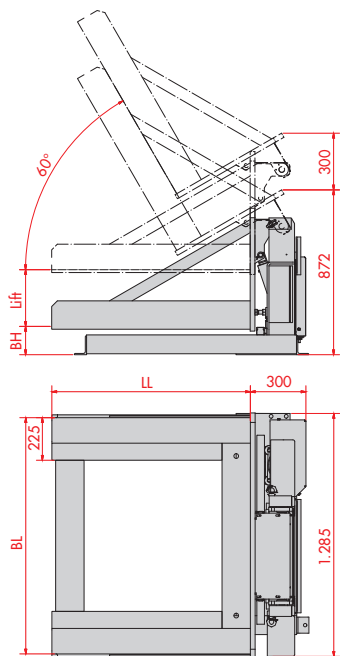
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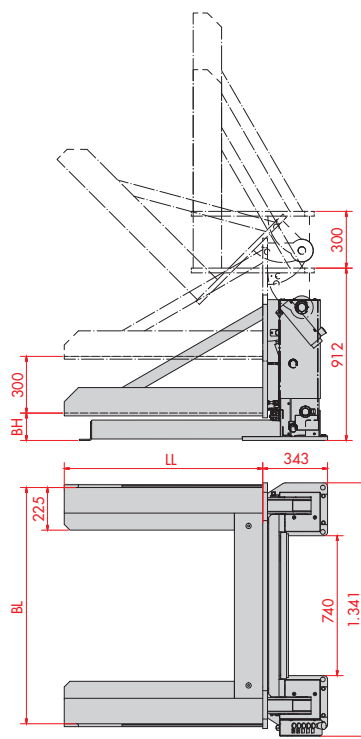
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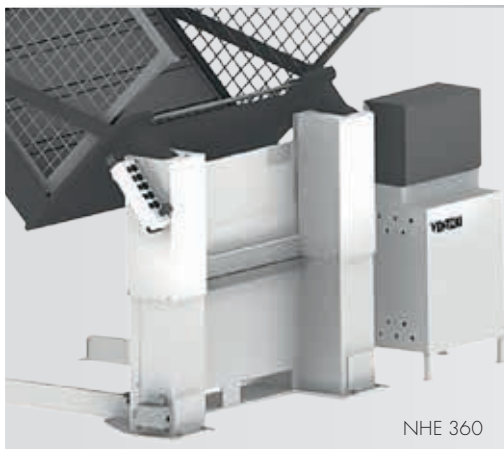
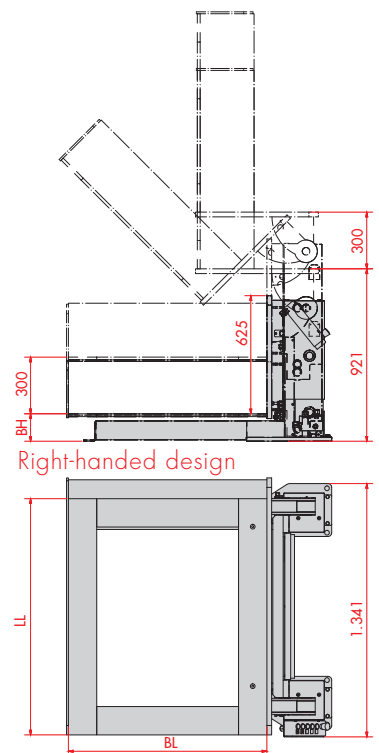
NHE 350



NHE 360 (front loading)



NHE 360 (side loading)



NHE 360

PRODUCT HIGHLIGHTS

- Stepless setting of the lifting and tilting position
- Complete load-carrying capacity in every lifting or tilting position
- Low space needs
- Optimized entry clearance
- Low access width

PRODUCT FILM

NHE 350 and NHE 360 at www.ventzki.de/produktfilme



HKE 750/1500

Lifting and tilting equipment with electrohydraulic drive for containers up to 1,500 kg and taking heavy load carriers with floor rollers

- ▶ Low-maintenance electrohydraulic drive.
- ▶ Maximum tilt angle: 40°.
- ▶ Compact and space-saving design.
- ▶ Also can be used in narrow spaces.
- ▶ Front and side-loading possible
- ▶ Useful lift: 450 mm.
- ▶ Container stop available as an option.
- ▶ Low-maintenance and trouble-free operation due to high-quality, robust components.
- ▶ Optional: Sub-frame (Access clearance 100 mm)



i AREAS OF APPLICATION

- Lifting and tilting heavy load carriers with floor rollers due to the narrow design possible with the HKE 750
- Automobile and automobile supplier industries

HKE750

TECHNICAL DATA

Equipment type	Load cap. (in kg)	Load handling (in mm)		Loading direction	Loading height (in mm)	Useful lift (in mm)	Tilt	Mobile possible
		BL	LL					
HKE 750	750	520	1.310	from the front	195	450	40°	X
HKE 1500	1.500	1.300	1.110	from the front	195	450	40°	X

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



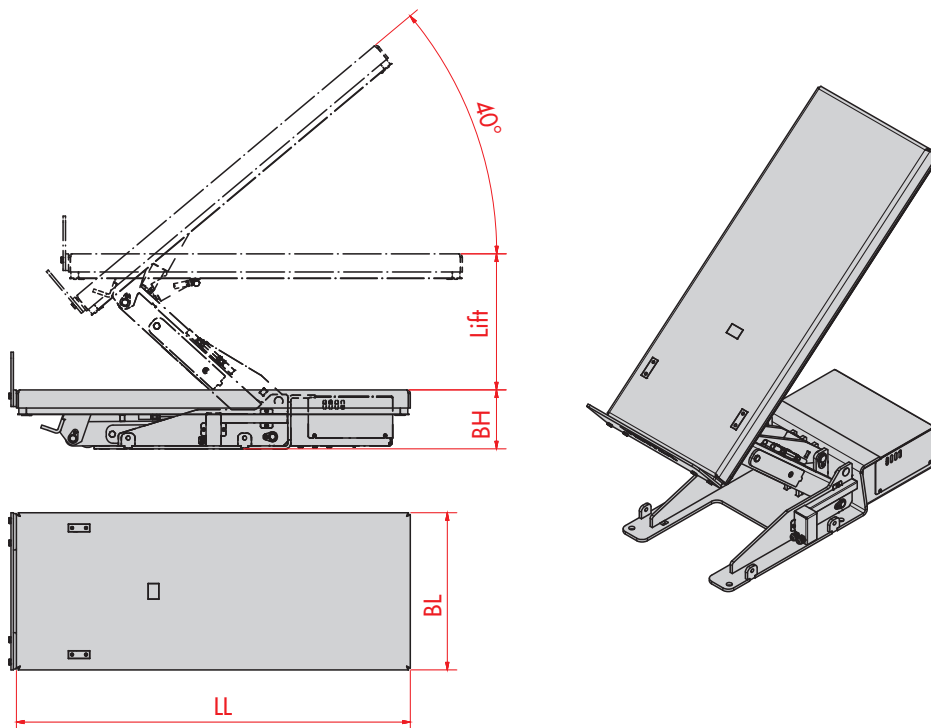
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HKE750/1500



HKE750

PRODUCT HIGHLIGHTS

- Screw-on container connection
- Compact and space-saving design
- Low loading height
- Stepless setting of the lifting and tilting function

PRODUCT FILM

HKE 750 at www.ventzki.de/produktfilme



Container tilting and transfer equipment: Greatest flexibility

The NEE series tilting and transfer equipment is used universally to load processing machines such as presses or stampings, can be flexibly used, and can be suitably integrated in systems of all kinds as well as separation processes.







NEE 511–519

Compact and functional transfer equipment up to 2,000 kg with electrohydraulic drive for safe work processes and increased productivity

- ▶ Electrohydraulic drive.
- ▶ Maximum tilt angle: 135°.
- ▶ Available in stationary or mobile design.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ Pouring distance: 400 mm.
- ▶ Discharge height: 750 mm with adjustable chute on the base frame, 1,050 mm with load carrier as chute.
- ▶ Options available, such as electrically locked wing doors, manual dosing valves, manual pushers at the chute outlet, chute covers, vibration units and bond sheets on the chutes



i AREAS OF APPLICATION

- Stamping
- Coating systems
- Galvanization
- Material feed and separation
- Transferring liquids

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling (in mm)			Total dimensions (in mm)			Loading height (in mm)	Dumping height (in mm)	Mobile possible
		BL	LL	GB	GL	GH				
NEE 511	2.000	1.300	900	1.710	1.930	2.950	40	750	✓	
NEE 512	2.000	1.300	1.150	1.710	2.050	3.150	40	750	✓	
NEE 514	2.000	920	900	1.324	1.930	2.950	40	750	✓	
NEE 515	2.000	1.130	900	1.534	1.930	2.950	40	750	✓	
NEE 517	1.500	920	1.350	1.324	2.280	3.300	40	750	✓	
NEE 519	1.500	1.130	1.350	1.534	2.280	3.200	40	750	✓	

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



Contact and advice:

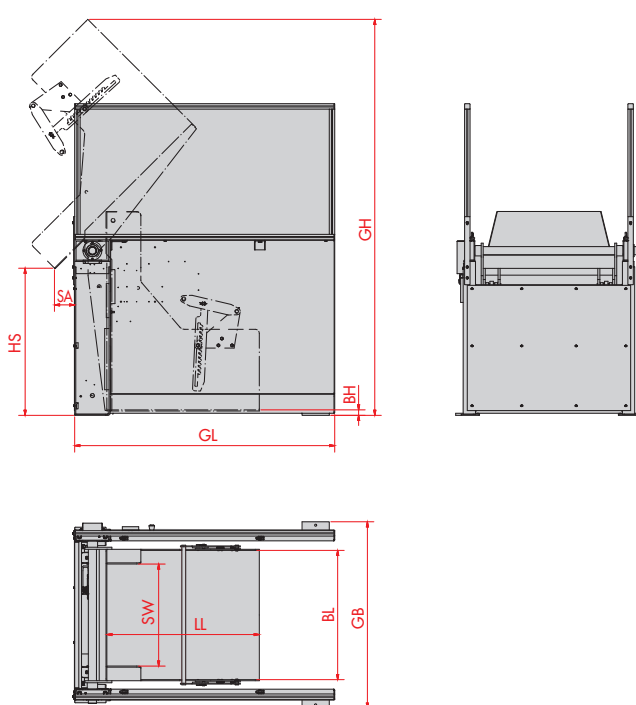
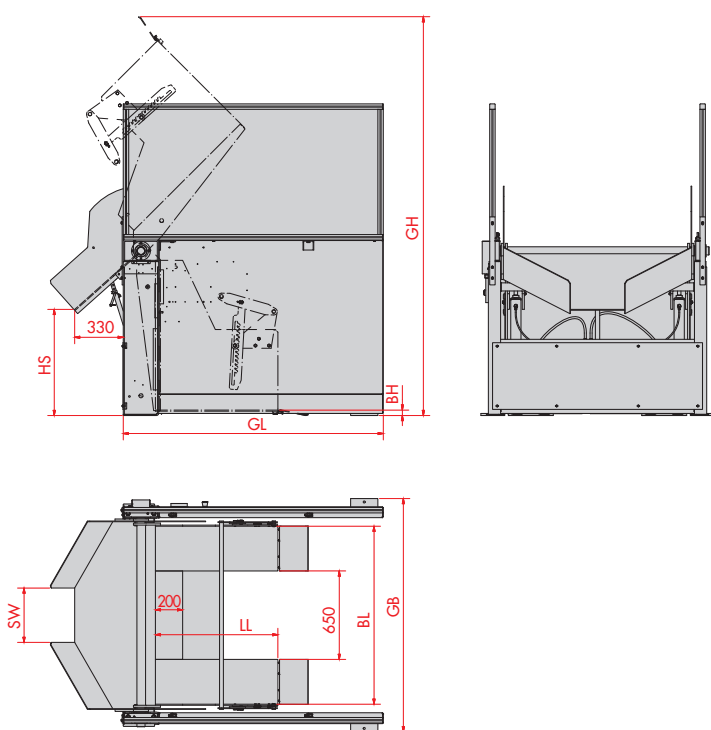
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NEE (with adjustable chute on the base frame)

NEE (with load carrying unit as a chute)



NEE 511

PRODUCT HIGHLIGHTS

- Stepless setting of the tilt angle
- Half-automatic safety bar forsecuring containers
- Chute tipping (dumping height) can be manually set

PRODUCT FILM

NEE at www.ventzki.de/produktfilme



High transfer equipment with lift: Lift when transferring

The high transfer equipment with lift serves as a lifting and tipping device to transfer and load packing, filling or separation equipment as well as for counting, weighing and mixing processes.







HEE 100/300/500

High transfer equipment with electric motor drive for stepless setting of the tilt angle in containers up to 500 kg

- ▶ Custom solutions - customized for each user.
- ▶ Electric motor drive.
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ Stepless setting of the tilt angle.
- ▶ Additional components such as photodetectors, protective grids available as options.
- ▶ Special designs available.

i AREAS OF APPLICATION

- Packaging, filling and loading systems
- Material feed and separation
- Galvanization
- Medical devices
- Electronics
- Fitting technology
- Fixture manufacturers
- Home appliance manufacturers



HEE

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Load handling	Loading height	Tilt	Dumping height	Mobile possible
HEE 100	100	depending upon container size	depending upon customer instructions	135°	depending upon customer instructions	✗
HEE 300	300	depending upon container size	depending upon customer instructions	135°	depending upon customer instructions	✗
HEE 500	500	depending upon container size	depending upon customer instructions	135°	depending upon customer instructions	✗

Power: 400 V/50 Hz, 16 A, 5-pole. Paint: RAL 7035/7016



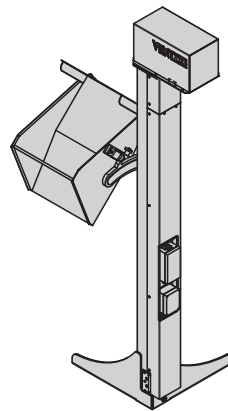
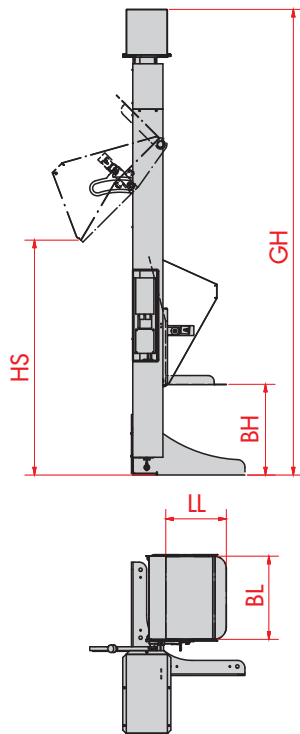
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HEE



HEE

PRODUCT HIGHLIGHTS

- Stepless setting of the tilt angles
- Customized solutions (dumping height, containersizes) as per customer instructions
- Compact design

PRODUCT FILM

HEE at www.ventzki.de/produktfilme



Self-tipping containers: Securely tip tons

The LC self-tipping container can be used in many ways in internal and warehouse transport. Loads up to 2,500 kg can be securely and rationally transported with forklifts, then tipped and emptied.







LC 803–812

Self-tipping containers with load capacities up to 2,500 kg for transporting, tipping and emptying, for example, chips and parts

- ▶ Load capacity up to 2.5 tons. Capacity up to 1,200 litres
- ▶ Low-maintenance and trouble-free operation thanks to high quality, robust components.
- ▶ Accessories: Steering and fixed rollers, hinged lid, sieve bottom, draincock.
- ▶ Rolling curve on both sides secured by protective sheet metal.
- ▶ All containers are welded, sealed against oil leaks up to the maximum container height, and 100% checked for leaks.



i AREAS OF APPLICATION

- Cutting industry
- Forming technology/presses

LC 803

TECHNICAL DATA

Equipment type	Load capacity (in kg)	Outside dimensions (in mm)			Capacity (in liters)	Own weight (in kg)	Mobile possible
		GB	GL	GH			
LC 803	1.000	829	1.120	876	300	125	✓
LC 805	1.500	762	1.662	1.139	500	176	✓
LC 808	1.500	1.080	1.605	1.139	800	206	✓
LC 810	2.000	1.080	1.600	1.243	1.000	217	✓
LC 812	2.500	1.331	1.600	1.243	1.200	250	✓

Paint: RAL 2004/9005



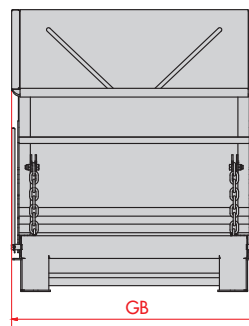
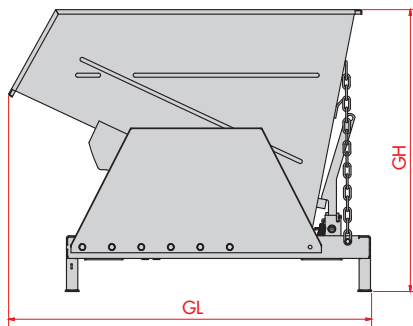
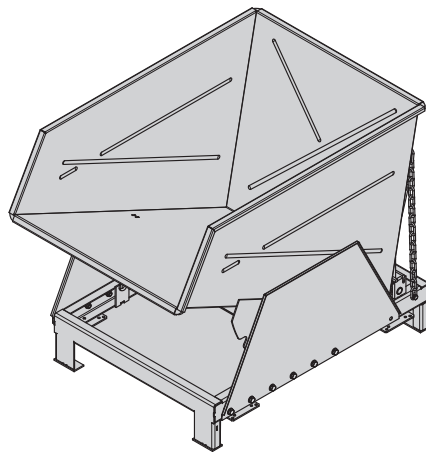
Contact and advice:

+49 7161 98442-0
verkauf@ventzki.de

Or use our questionnaire at

www.ventzki.de/anfrage

LC



LC 803

PRODUCT HIGHLIGHTS

- User-friendly response when tipping (easy to handle)
- Easy and torsion-free design using profiled section
- Welded seal against oil, and checked forleaks



Everything from one source

Often plants lack the professional and organizational capabilities in order to perform safety-related inspections of their lifting and tilting equipment in a Ventzki qualified and timely fashion. That is why Ventzki offers complete services.

▶ **Final and load inspections with inspection certificates**

Ventzki's lifting and tilting equipment is equipped with a great number of safety components. Before delivery to customers, they are subject to final and load testing, and are presented with an acceptance certificate. Test nameplates as well as test certificates prove these monitoring steps, and refer to the next inspection date: Yearly follow-up inspections are required by law.

▶ **Complete service with a service contract**

Experienced inspection technicians schooled in BGR from Ventzki perform these inspections. Ventzki offers a maintenance contract: Ventzki guarantees low downtimes and absolutely reliable execution of all inspections of systems from all manufacturers. The manufacturer warranty is extended to 36 months at the end of a maintenance contract.

▶ **Acceptance inspection and expert opinions**

Ventzki offers optional acceptance inspections and expert opinions from outside inspection institutes and experts certified by professional societies.

▶ **Delivery, installation, commissioning, training**

Delivery is done in accordance with current standards and accident prevention rules as well as EU machine directives. Ventzki can also perform installation and commissioning of Ventzki equipment and systems as well as initial training of users if desired by its customers.



VENTZKI®
We are there for you:
+49 7161 98442-0
service@ventzki.de



Case Studies

The case studies created to date offer you a cross-industry view of Ventzki's product portfolio. Using current case examples from everyday practice, we highlight how Ventzki's handling equipment can be successfully used.

www.ventzki.de/case-studies can provide you case studies which can be downloaded.





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The appendix with our sales staff's contact details is missing?

Request directly from us, or go to www.ventzki.de/kontakt for a download.

Ventzki is your specialist for universally and customized lifting and tilting equipment for ergonomic work processes. In addition, you will benefit as a long-term customer from our complete service offerings:

- ▶ Final and load inspection with an inspection certificate
- ▶ Complete service with a service contract
- ▶ Acceptance inspection and expert opinions available upon demand
- ▶ Installation, commissioning, training

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