

Vacuum lifting technology

Vacuum hose lifters quickLIFT | stackLIFT | lightLIFT | heavyLIFT |

Vacuum lifting systems basicLIFT | multiLIFT | accuLIFT | poroLIFT | coilLIFT

Crane systems



Hose Lifter
Configurator



Vacuum lifting systems



Vacuum lifting traverses



Coil lifters

made
in
Germany

www.timmer.de





FOR MORE THAN 40 YEARS

Timmer GmbH is your reliable partner in the area of pneumatics, vacuum technology as well as pumping and dosing technology. With more than 140 employees, we develop, manufacture and sell an extensive array of products at two factories - ranging from customised solutions through to technical accessories. In short: We offer you everything you need in your daily practice. Our products are known under the brand names Timmer and TIVAtec all over the world.



Fluid pumps



Vacuum technology &
Vacuum lifting systems



Industrial pneumatics &
accessories



Development



Design








Manufacturing of special
solutions










Warehousing & Logistics





tim[®] LIFT | Vacuum hose lifters

Model	Type	Load capacity	Page
	quickLIFT	Lifting up to 50 kg	10
	stackLIFT	Lifting up to 50 kg	14
	lightLIFT	Lifting up to 50 kg	18
	heavyLIFT	Lifting up to 300 kg	22
	Special solutions	Depending on the configuration	26

tim[®] LIFT | Vacuum lifting systems

Model	Type	Load capacity	Page
	basicLIFT	Lifting up to 2.000 kg	31
	basicLIFT	Lifting up to 2.000 kg Slewing up to 1.000 kg	35
	multiLIFT	Depending on the configuration	39
	coilLIFT	Depending on the configuration	43
	accuLIFT	Depending on the configuration	47
	poroLIFT	Depending on the configuration	48
	Special solutions	Depending on the configuration	49

tim[®] LIFT | Crane systems

Model	Type	Load capacity	Page
	Aluminium rail system	Depending on the configuration	61
	Pillar-mounted jib crane, steel	60 and 100 kg	62
	Pillar-mounted jib crane, aluminium	Depending on the configuration	63
	Pillar-mounted jib crane, mobile	Depending on the configuration	64

How can we be of service?



When is your next accident prevention test scheduled? We would be pleased to support you!

- Yearly required accident prevention inspection of all load handling equipment (also other makes) in accordance with DGUV Regulations 52 & 54 (formerly BGV D6 & D8) cranes and hoists in your facilities.
- The inspection includes a function test and capacity test in accordance with checklist and a concluding trial run, attachment of a seal of approval and entry in the test book, as well as preparation of an inspection protocol.

Individual demonstration on site

We offer the possibility of individual demonstration of our vacuum hose lifters on site in your facilities.

Our demonstration vehicle is equipped with various vacuum hose lifter designs. For testing, different suction cups and traverses are available that can be quickly adapted to your conditions through change systems.

For you or your employees who should work with the lifting aid, it is possible to test the application possibilities with your own products. You can obtain an ideal impression of the implementation possibility in your company facilities and under your work conditions.

- We find solutions for virtually all handling tasks – also individual solutions for your requirements
- Optimal consultation with specialists – in our facilities and also at your site
- Installation and maintenance by our Aftersales Service

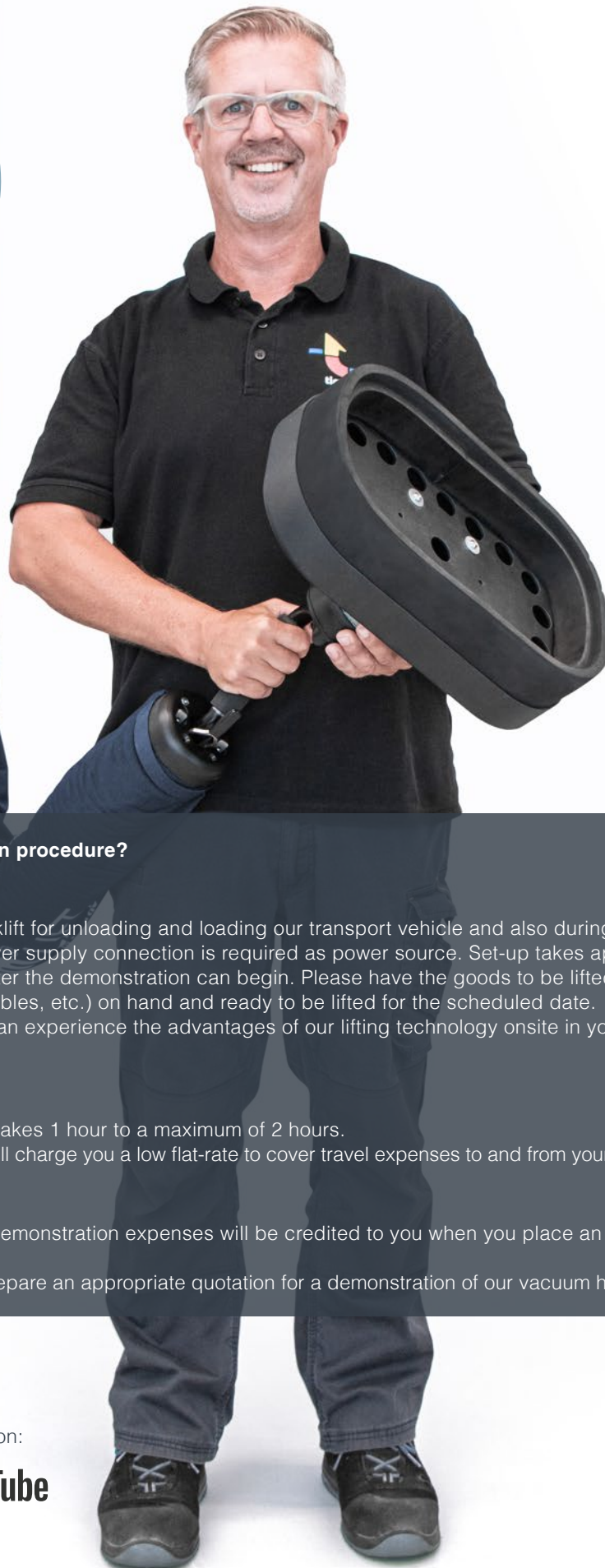


Visit us at:



INDIVIDUAL
DEMONSTRATION
ON SITE

LIFT
by Himmex.de
im
LIFT
by Himmex.de



What is the demonstration procedure?

Preparation

From you, we require a forklift for unloading and loading our transport vehicle and also during the demonstration. A 16 A power supply connection is required as power source. Set-up takes approximately 15 minutes, thereafter the demonstration can begin. Please have the goods to be lifted (boxes, sacks, drums, canisters, tables, etc.) on hand and ready to be lifted for the scheduled date. You and your employees can experience the advantages of our lifting technology onsite in your own facilities.

Duration

Normally a demonstration takes 1 hour to a maximum of 2 hours. For the demonstration we will charge you a low flat-rate to cover travel expenses to and from your location.

Costs

The flat-rate costs for the demonstration expenses will be credited to you when you place an order.

We would be pleased to prepare an appropriate quotation for a demonstration of our vacuum hose lifter.



Hose lifter
demonstration:



**Your Timmer
Service Team
for vacuum lifting
technology**



SALES OFFICE
Technical Team
Vacuum hose lifters

Phone: +49 5973 9493 45
vakuumtechnik@timmer.de
www.timmer.de



SALES OFFICE
Technical Team
Vacuum lifting systems

Phone: +49 5973 9493 18
vakuumtechnik@timmer.de
www.timmer.de



Advantages of the vacuum lifting technology

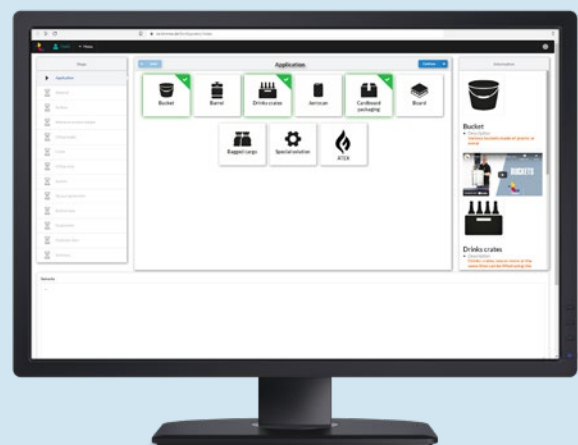
- **Fast return on investment** | Due to the lower personnel requirements for handling workpieces and the associated reduction in fixed costs, as a rule our systems pay for themselves quickly.
- **Save time through shorter cycle times** | In addition, you will determine that significant time is saved when handling the material. Cycle times are shortened through optimisation of workflows with the aid of the vacuum lifting systems.
- **Customised** | If required, our systems will be adapted to your specific needs and requirements.
- **Fewer illness-related absences** | The operator is spared the heavy lifting, consequently illness-related absences are reduced. Likewise, more pleasant work conditions are provided.
- **Low-maintenance / reliable** | The devices are low-maintenance to the extent possible; by design they are robust and offer a long service life.
- **Material-friendly transport** | Thanks to optimally configured vacuum grippers handling is extremely gentle on materials.

What we offer

- **Expert advice** | Our sales engineers advise you in all questions involving vacuum lifting technology, as well as crane systems, right from the start and until conclusion of your project.
- **Crane systems** | We are also happy to offer you complete solutions, including the crane systems.
- **Installation** | A team of competent and trained specialists is available to you for installation of the systems.
- **Maintenance** | We remain at your service even after the project has been successfully concluded. In this regard, we offer maintenance contracts adapted to the specific device.
- **Safety inspections** | We are also your partner where safety is concerned. We offer tests conducted by expert employees in accordance with DGUV Regulations 52 and 54 (formerly BGV D6 Cranes and D8 Winches, Hoists and Towing Appliances).
- **Aftersales service** | We are also at your side after purchase. We offer:
 - Yearly maintenance tasks
 - Technical monitoring
 - Safety inspection in accordance with accident prevention regulations
 - Stocking of wear parts (you do not have to keep wear parts in stock)

Vacuum-hose-lifter configurator

Configure your personal load carrier: With our configurator, you define your needs in one minute and receive a PDF with the required components at the end. On request, we will then contact you to go through the configuration with you again.







Vacuum hose lifters

tim[®] quickLIFT

Mode of operation

The quickLIFT vacuum hose lifter enables you to efficiently and ergonomically move diverse goods, such as bagged goods, cardboard boxes, crates, panels, etc. weighing up to 50 kg.

The quickLIFT vacuum hose lifter is handled via a one-hand operation design, which is selected specifically for your applications.

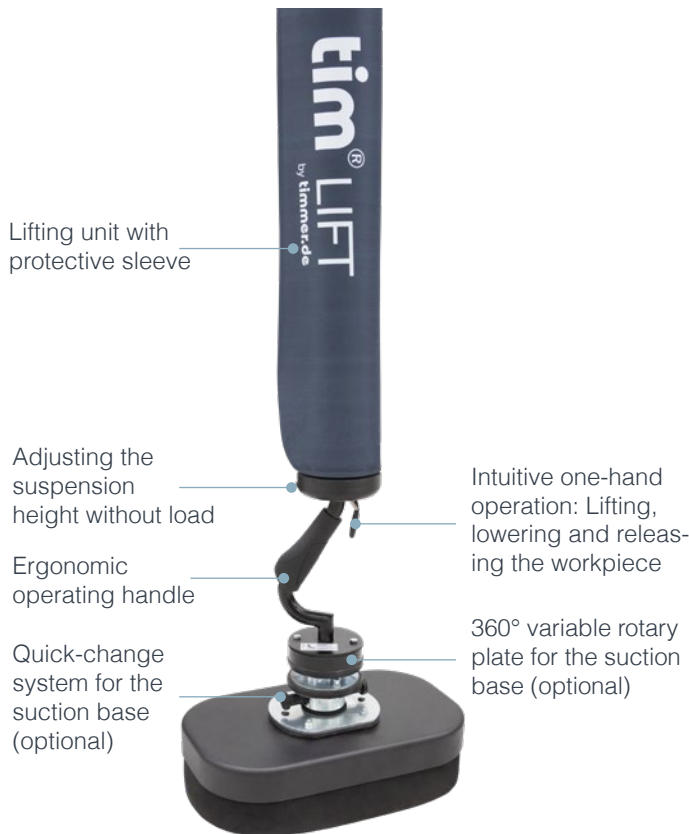
The one-hand operation design has been developed for typ-

ical pick & place handling to achieve high cycle rates. The ergonomically shaped handle supports easy handling and enables intuitive lifting and lowering.

We offer versions that differ in terms of load capacity and handling.

We have extensive possibilities for finding designing, and implementing a tailored solution for our customers.

One-hand operation rigid



Optionally available:

- Remote control for switching the vacuum pump On/Off

One-hand operation with 90° slewing head



Optionally available:

- Quick-change system for the suction base
- Remote control for switching the vacuum pump On/Off

System structure / type code



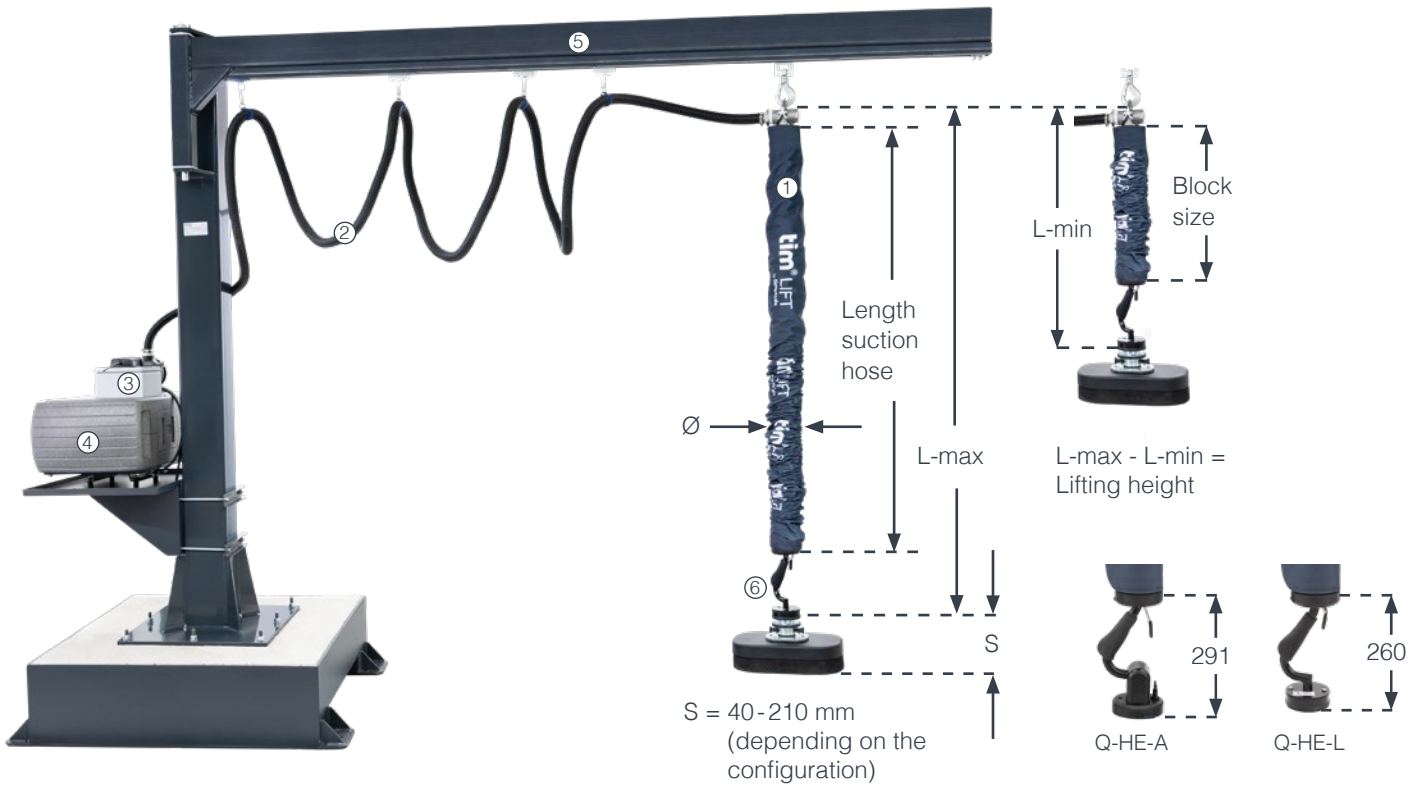
- ① Lifting unit
- ② Suction hose
- ③ Vacuum filter
- ④ Vacuum pump
- ⑤ Jib crane
- ⑥ Operation unit



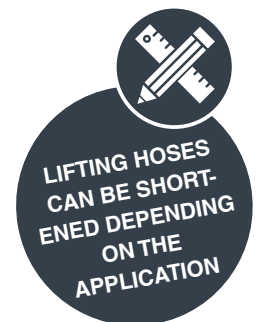
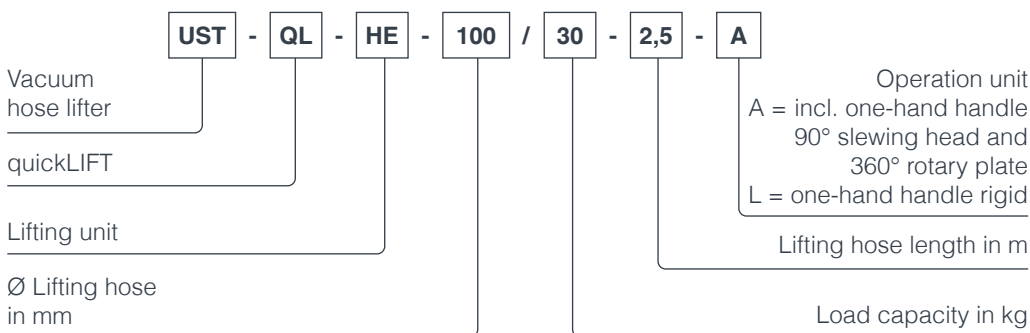
One-hand operation



UP TO 50 kg



Type code



Lifting units

Consisting of slewing head, lifting hose, incl. hose sleeve and operating unit

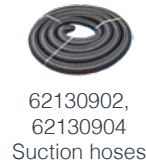
Order no.	Type	Load capacity* ¹ (kg)	Lifting hose Ø (mm)	Length lifting hose* ² (mm)	Block size (mm)	L-max (mm)	L-min (mm)	Lifting height (mm)
62771000L	UST-QL-HE-100/30-2,5-L	30	100	2500	619	2854	973	1881
62771000A	UST-QL-HE-100/30-2,5-A	30	100	2500	619	2854	973	1881
62771200L	UST-QL-HE-120/40-2,5-L	40	120	2500	660	2854	1014	1840
62771200A	UST-QL-HE-120/40-2,5-A	40	120	2500	660	2854	1014	1840
62774000L	UST-QL-HE-140/50-2,5-L	50	140	2500	660	2854	1014	1840
62774000A	UST-QL-HE-140/50-2,5-A	50	140	2500	660	2854	1014	1840

*¹ excl. accessories; *² 4 m lifting hoses available on request

Vacuum supply

Suction hoses / connecting sleeve

Order no.	Type	Inside Ø (mm)	Length (m)
62130902	UST-QL-VSS-32-7,5	32	7.5
62130904	UST-QL-VSS-32-15	32	15
62730900	UST-QL-VBT-32	32	



El.vacuum pump with integrated sound insulation housing and motor protection switch incl. vacuum filter

Order no.	Type	Power consumption (kW)		Suction capacity (m³/h)	Weight (kg)	Noise level (dB)
		60 Hz	50 Hz			
24405086-SDR	UST-VPE-VT4.40-SDR	1.8	1.5	40	47	60



24405086-SDR

Pneumatic vacuum generator for vacuum-tight materials

Order no.	Type	Operating pressure (bar)	Air consumption (NL/min)	Weight (kg)	Height (mm)
62701201	UST-VP-MAX201-hor	6	516	5.42	390



62701201

Accessories

Quick-release couplings for fast change of the suction bases

Order no.	Type	Connection	Material
62830280	UST-ZUB-QL/LL-SK-HE	Lifting Unit	Steel, galvanised
62830285	UST-ZUB-QL/LL-SK-HE-VA	Lifting Unit	rustproof
62830290	UST-ZUB-QL/LL-SK-SF	Suction cup	Steel, galvanised
62830295	UST-ZUB-QL/LL-SK-SF-VA	Suction cup	rustproof



62830280,
62830285



62830290,
62830295

Rotary plates for 360° Turning the load

Order no.	Type	Version	Material
62830350	UST-ZUB-QL/LL-DT-360	360° endless	Steel, galvanised
62830350-VA	UST-ZUB-QL/LL-DT-360-VA	360° endless	rustproof



62830350

Angle adapters for slewing the load

Order no.	Type	Version	Material
62830800	UST-ZUB-QL/LL-WA-90	Angle adapter	Steel, galvanised
62830811	UST-ZUB-QL/LL-HH-WA	Hand lever for angle adapter	Steel, galvanised



62830800



62830811

Angle bracket for placing the vacuum pump on the crane system or on the wall

Order no.	Type	Description
62232525	UST-ZUB-Konsole-Vakuumerzeuger	For fastening on the crane pillar or on an existing customer-provided wall – clamping width 150 - 200 mm



62232525

Remote control for switching the vacuum pump On and Off on the operating handle

Order no.	Type	Description
62292004	UST-ZUB-QL-Fernbedienung	Remote control for switching the vacuum pump On and Off



62292004

Parking position

Order no.	Type	Description
62210420	UST-ZUB-Halterung	Bracket for the parking position of the hose lifter



62210420

Round suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730200	UST-SF-QL/LL-F200-EPDM	Ø 200	Steel, coated / EPDM	120
62740230	UST-SF-QL/LL-F270-EPDM	Ø 270	Steel, coated / EPDM	180



62730200, 62740230

Bellow suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730201	UST-SF-QL/LL-Balgsauger-200	Ø 200	NBR	140
62730202	UST-SF-QL/LL-Balgsauger-150	Ø 150	NBR	100



62730201, 62730202

Suction cups for sacks

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730300	UST-SF-QL/LL-Sacksauger-St	165 x 270	Steel, coated / EPDM	140
62730300-weiß	UST-SF-QL/LL-Sacksauger-St	165 x 270	Steel, coated / EPDM	140
62730320	UST-SF-QL/LL-Sacksauger-Ku	165 x 270	Plastic / foam rubber	140
62730305	UST-SF-QL/LL-Sacksauger-VA	165 x 270	rustproof / EPDM	140



62730300



62730320

Rubber skirts

Order no.	Type	Rubber skirt for suction cups for sacks
62830303	UST-ZUB-GR-62730300-schwarz	62730300, 62730320, 62730305
62230303-weiß	UST-ZUB-GR-62130300-weiß	62730300-weiß



62830303



62230303-weiß

Rectangular suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730701	UST-SF-QL/LL-R85x200-EPDM	85 x 200	Steel, coated / EPDM	100
62730700	UST-SF-QL/LL-R100x250-EPDM	100 x 250	Steel, coated / EPDM	120
62730710	UST-SF-QL/LL-R140x205-EPDM	140 x 205	Steel, coated / EPDM	120
62740700	UST-SF-QL/LL-R120x320-EPDM	120 x 320	Steel, coated / EPDM	140



62730700, 62740700, 62730710, 62730701

Suction traverses

Order no.	Type	Suction surface (mm)	Material	Traverse length (mm)	max. Suct. hose Ø
62730600	UST-SF-QL/LL-R85x200-T200/2-ST	2 x 85 x 200	Steel, coated / EPDM	200	140
62740650-320	UST-SF-QL/LL-R100x250/T320/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	320	140
62730650	UST-SF-QL/LL-R85x200-T400/2-VF-STvz	2 x 85 x 200	Steel, coated / EPDM	400	140
62740650	UST-SF-QL/LL-R100x250/T400/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	400	140
62740650-weiß	UST-SF-QL/LL-R100x250/T400/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	400	140
62740650-1000	UST-SF-QL/LL-R100x250/T1000/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	1000	140



62730650, 62740650, 62740650-xxxx adjustable



62730600 fixed

Suction cups for pipes, curved

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62710401	UST-SF-LL/HL-RO100x250-EPDM	100 x 250	Steel, coated / EPDM	120
62710402	UST-SF-LL/HL-RO120x320-EPDM	120 x 320	Steel, coated / EPDM	140



62710401, 62710402

Hook adapters

Order no.	Type	Description
62501044	UST-SF-Hakenadapter-100kg	Clevis hook with snapper
62501045	UST-SF-Hakenadapter-Kanister	Hook for canister handling up to 50 kg



62501044



62501045

Clamp gripper

Order no.	Type	Description
62501087	UST-SF-Klemmgreifer	Clamp gripper for foils, sacks, textile



62501087

tim® stackLIFT

Mode of operation

The stackLIFT vacuum hose lifter enables you to efficiently and ergonomically move diverse goods, such as bagged goods, cardboard boxes, crates, panels, etc. weighing up to 50 kg.

The stackLIFT vacuum hose lifter is handled via a two-hand operation design, which is selected specifically for your applications.

The stackLIFT enables lifting goods close to the floor in an

upright body posture. The system is designed for a stacking height of up to 2.6 m. The ergonomic handle shape supports easy handling and enables intuitive lifting and lowering.

For two-hand operation the design emphasis is safe and precise handling of heavy goods without additional auxiliary equipment.

We have extensive possibilities for finding designing, and implementing a tailored solution for our customers.

Two-hand operation, safe even with large stacking heights



Optionally available:

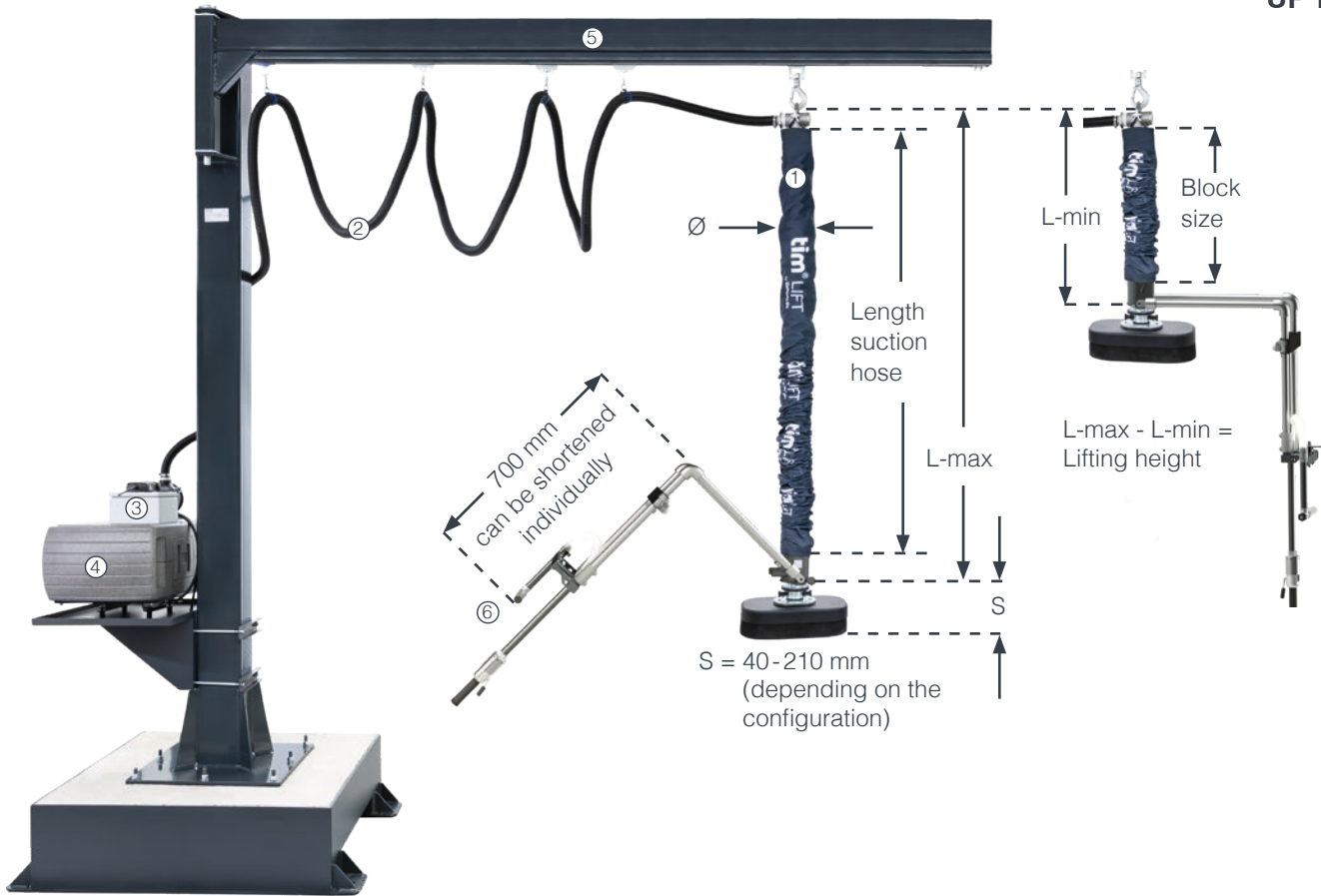
- Quick-change system for the suction base
- 360° variable rotary plate for the suction base
- Remote control for switching the vacuum pump On/Off

System structure / type code

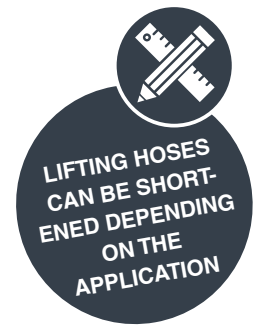
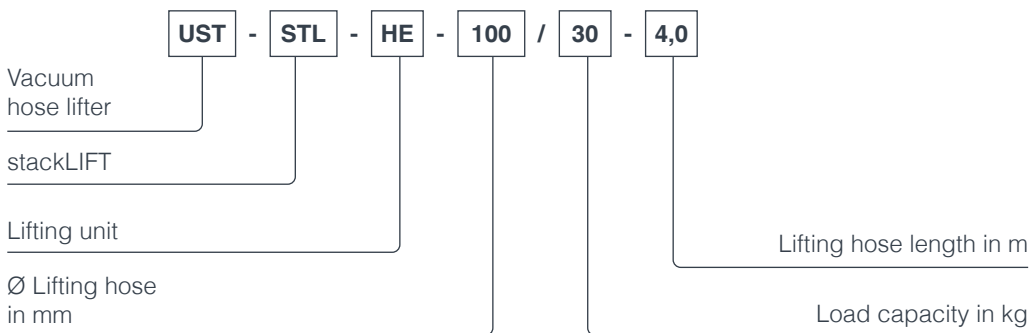
- ① Lifting unit
- ② Suction hose
- ③ Vacuum filter
- ④ Vacuum pump
- ⑤ Jib crane
- ⑥ Operation unit



UP TO 50 kg



Type code



Lifting Units

Consisting of slewing head, lifting hose, incl. hose sleeve and operating unit

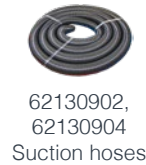
Order no.	Type	Load capacity*1 (kg)	Suction hose ∅ (mm)	Suction hose length (mm)	Block size (mm)	L-max (mm)	L-min (mm)	Lifting height (mm)
62775001	UST-STL-HE-100/30-4,0-L	30	100	4000	991	4193	1184	3009
62776001	UST-STL-HE-120/40-4,0-L	40	120	4000	991	4193	1184	3009
62777001	UST-STL-HE-140/50-4,0-L	50	140	4000	991	4193	1184	3009

*1 excl. accessories

Vacuum supply

Suction hoses / connecting sleeve

Order no.	Type	Inside Ø (mm)	Length (m)
62130902	UST-QL-VSS-32-7,5	32	7.5
62130904	UST-QL-VSS-32-15	32	15
62730900	UST-QL-VBT-32	32	



El. vacuum pump with integrated sound insulation housing and motor protection switch incl. vacuum filter

Order no.	Type	Power consumption (kW)		Suction capacity (m³/h)	Weight (kg)	Noise level (dB)
		60 Hz	50 Hz			
24405086-SDR	UST-VPE-VT4.40-SDR	1.8	1.5	40	47	60



Electric vacuum blowers

Order no.	Type	Power consumption (kW)	Suction capacity (m³/h)	Weight (kg)	Noise level (dB)
62102004-TP	UST-VPE-BL420-1,5-SMALL-BG	1.5	87	34	71
62102005-TP	UST-VPE-BL620-3,3-MEDIUM-BG	3.3	165	54	74



62102004-TP, 62102005-TP

Silencer

Order no.	Type	For vacuum blowers	Thread	Noise level reduction (dB)
62862002	UST-ZUB-TG-Schalldämpfer-G 1-14	62102004-TP SMALL 62102005-TP MEDIUM	G 1 1/4"	-6 dB



62862002

Pneumatic vacuum generator for vacuum-tight materials

Order no.	Type	Operating pressure (bar)	Air consumption (NL/min)	Weight (kg)	Height (mm)
62701201	UST-VP-MAX201-hor	6	516	5.42	390



62701201

Vacuum filter with external air supply valve

Order no.	Type	Pore size (µm)	Flow rate (NL/min)
62600633	UST-Vakuumfilter-Einheit-Fz	5-7	max. 5300



62600633

Accessories

Quick-release couplings for fast change of the suction bases

Order no.	Type	Connection	Material
62830280	UST-ZUB-QL/LL-SK-HE	Lifting Unit	Steel, galvanised
62830285	UST-ZUB-QL/LL-SK-HE-VA	Lifting Unit	rustproof
62830290	UST-ZUB-QL/LL-SK-SF	Suction cup	Steel, galvanised
62830295	UST-ZUB-QL/LL-SK-SF-VA	Suction cup	rustproof



62830280,
62830285



62830290,
62830295

Rotary plates for 360° Turning the load

Order no.	Type	Version	Material
62830350	UST-ZUB-QL/LL-DT-360	360° endless	Steel, galvanised
62830350-VA	UST-ZUB-QL/LL-DT-360-VA	360° endless	rustproof



62830350

Angle adapters for slewing the load

Order no.	Type	Version	Material
62830800	UST-ZUB-QL/LL-WA-90	Angle adapter	Steel, galvanised
62830811	UST-ZUB-QL/LL-HH-WA	Hand lever for angle adapter	Steel, galvanised



62830800



62830811

Angle bracket for placing the vacuum pump on the crane system or on the wall

Order no.	Type	Description
62232525	UST-ZUB-Konsole-Vakuumerzeuger	For fastening on the crane pillar or on an existing customer-provided wall – clamping width 150 - 200 mm



62232525

Protective cover for vacuum blowers

Order no.	Type	Description
62862001	UST-ZUB-SDB350-2018	Serves to protect the vacuum blowers



62862001

Remote control for switching the vacuum pump On and Off on the operating handle

Order no.	Type	Description
62292003	UST-ZUB-LL/HL-Fernbedienung	Remote control for switching the vacuum pump On and Off



62292003

Parking position

Order no.	Type	Description
62210420	UST-ZUB-Halterung	Bracket for the parking position of the hose lifter



62210420

Round suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730200	UST-SF-QL/LL-F200-EPDM	Ø 200	Steel, coated / EPDM	120
62740230	UST-SF-QL/LL-F270-EPDM	Ø 270	Steel, coated / EPDM	180



62730200, 62740230

Bellow suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730202	UST-SF-QL/LL-Balgsauger-150	Ø 150	NBR	100
62730201	UST-SF-QL/LL-Balgsauger-200	Ø 200	NBR	140



62730201, 62730202

Suction cups for sacks

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730300	UST-SF-QL/LL-Sacksauger-St	165 x 270	Steel, coated / EPDM	140
62730300-weiß	UST-SF-QL/LL-Sacksauger-St	165 x 270	Steel, coated / EPDM	140
62730320	UST-SF-QL/LL-Sacksauger-Ku	165 x 270	Plastic / foam rubber	140
62730305	UST-SF-QL/LL-Sacksauger-VA	165 x 270	rustproof / EPDM	140



62730300



62730320

Rubber skirts

Order no.	Type	Rubber skirt for suction cups for sacks
62830303	UST-ZUB-GR-62730300-schwarz	62730300, 62730320, 62730305
62230303-weiß	UST-ZUB-GR-62130300-weiß	62730300-weiß



62830303



62230303-weiß

Rectangular suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730701	UST-SF-QL/LL-R85x200-EPDM	85 x 200	Steel, coated / EPDM	100
62730700	UST-SF-QL/LL-R100x250-EPDM	100 x 250	Steel, coated / EPDM	120
62730710	UST-SF-QL/LL-R140x205-EPDM	140 x 205	Steel, coated / EPDM	120
62740700	UST-SF-QL/LL-R120x320-EPDM	120 x 320	Steel, coated / EPDM	140



62730700, 62730710, 62730701, 62740700

Suction traverses

Order no.	Type	Suction surface (mm)	Material	Traverse length (mm)	max. Suct. hose Ø
62730600	UST-SF-QL/LL-R85x200-T200/2-ST	2 x 85 x 200	Steel, coated / EPDM	200	140
62740650-320	UST-SF-QL/LL-R100x250/T320/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	320	140
62730650	UST-SF-QL/LL-R85x200-T400/2-VF-STvz	2 x 85 x 200	Steel, coated / EPDM	400	140
62740650	UST-SF-QL/LL-R100x250/T400/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	400	140
62740650-weiß	UST-SF-QL/LL-R100x250/T400/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	400	140
62740650-1000	UST-SF-QL/LL-R100x250/T1000/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	1000	140



62730650, 62740650, 62740650-xxxx adjustable



62730600 fixed

Suction cups for pipes, curved

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62710401	UST-SF-LL/HL-RO100x250-EPDM	100 x 250	Steel, coated / EPDM	120
62710402	UST-SF-LL/HL-RO120x320-EPDM	120 x 320	Steel, coated / EPDM	140



62710401, 62710402

Hook adapters

Order no.	Type	Description
62501044	UST-SF-Hakenadapter-100kg	Clevis hook with snapper
62501045	UST-SF-Hakenadapter-Kanister	Hook for canister handling up to 50 kg



62501044



62501045

tim® lightLIFT

Mode of operation

The lightLIFT vacuum hose lifter enables you to efficiently and ergonomically move diverse goods, such as bagged goods, cardboard boxes, crates, panels, etc. weighing up to 50 kg.

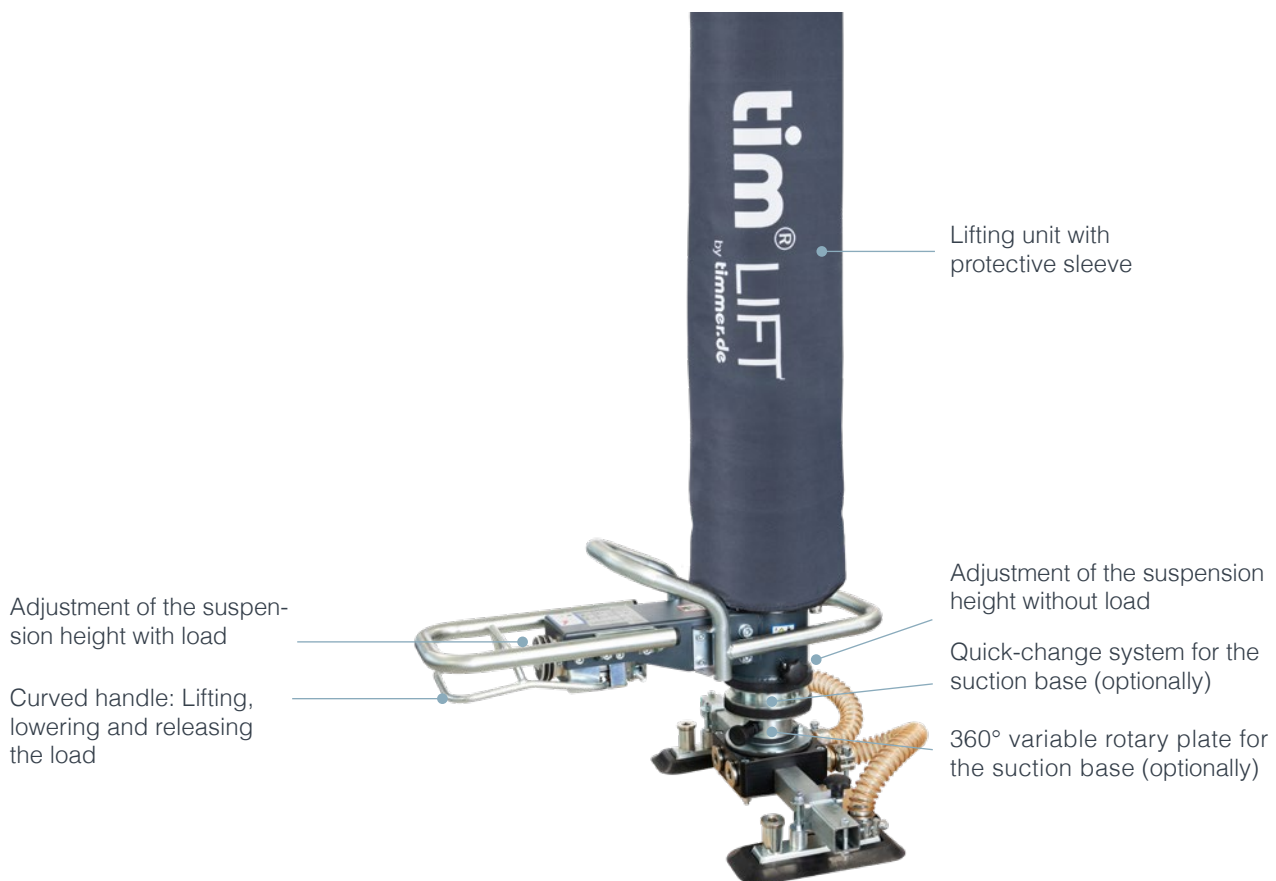
The lightLIFT vacuum hose lifter is handled via a two-hand operation design, which is selected specifically for your applications.

Two-hand operation enables safe guidance of lifted goods with two hands and allows precise positioning of the lifted goods.

For two-hand operation the design emphasis is safe and precise handling of heavy goods without additional auxiliary equipment.

We have extensive possibilities for finding designing, and implementing a tailored solution for our customers.

Two-hand operation – safe even with heavy loads

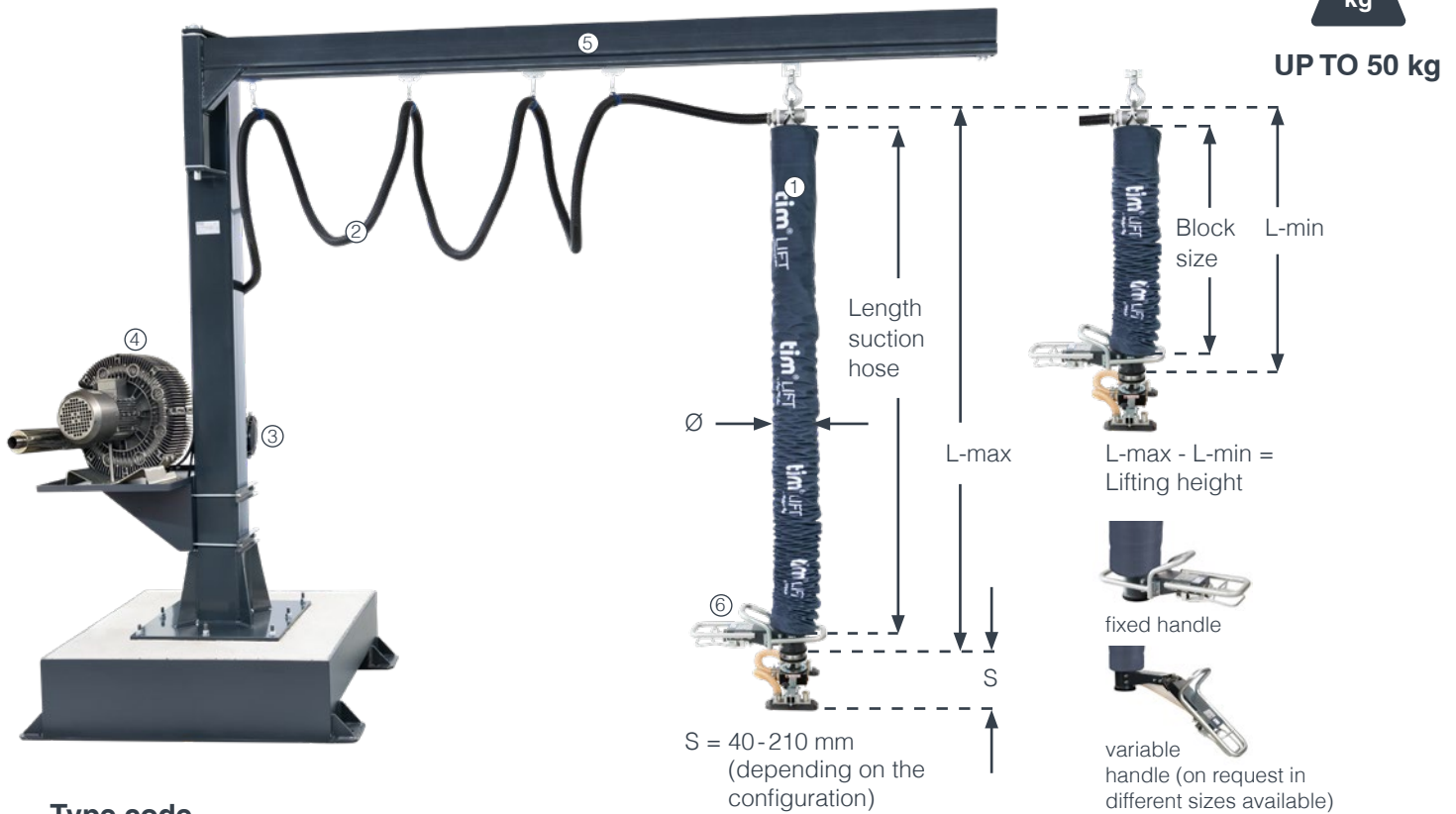


Optionally available:

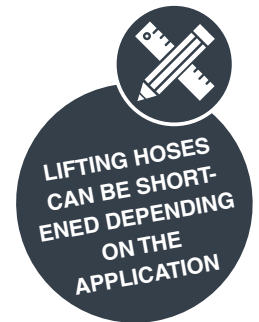
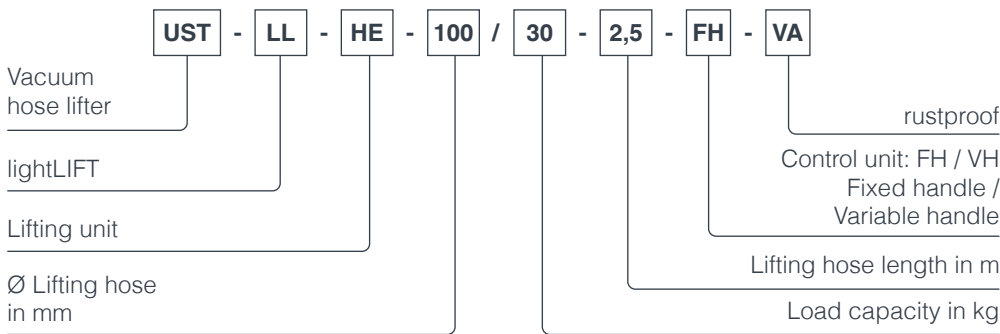
- Remote control for switching the vacuum pump On/Off

System structure / type code

- ① Lifting unit
- ② Suction hose
- ③ Vacuum filter
- ④ Vacuum blower
- ⑤ Jib crane
- ⑥ Operation unit



Type code



Lifting Units

Consisting of slewing head, lifting hose, incl. hose sleeve and operating unit

Order no.	Type	Load capacity*1 (kg)	Suction hose Ø (mm)	Suction hose*2 length (mm)	Block size (mm)	L-max (mm)	L-min (mm)	Lifting height (mm)
62731200	UST-LL-HE-100/30-2,5-FH	30	100	2500	619	2687	806	1881
62731200-VA	UST-LL-HE-100/30-2,5-FH-VA	30	100	2500	619	2687	806	1881
62731250	UST-LL-HE-100/30-2,5-VH	30	100	2500	619	2687	806	1881
62731250-VA	UST-LL-HE-100/30-2,5-VH-VA	30	100	2500	619	2687	806	1881
62732200	UST-LL-HE-120/40-2,5-FH	40	120	2500	660	2687	847	1840
62732200-VA	UST-LL-HE-120/40-2,5-FH-VA	40	120	2500	660	2687	847	1840
62732250	UST-LL-HE-120/40-2,5-VH	40	120	2500	660	2687	847	1840
62732250-VA	UST-LL-HE-120/40-2,5-VH-VA	40	120	2500	660	2687	847	1840
62734200	UST-LL-HE-140/50-2,5-FH	50	140	2500	660	2687	847	1840
62734200-VA	UST-LL-HE-140/50-2,5-FH-VA	50	140	2500	660	2687	847	1840
62734250	UST-LL-HE-140/50-2,5-VH	50	140	2500	660	2687	847	1840
62734250-VA	UST-LL-HE-140/50-2,5-VH-VA	50	140	2500	660	2687	847	1840

*1 excl. accessories; *2 4 m lifting hoses available on request

Vacuum supply

Suction hoses / connecting sleeve

Order no.	Type	Inside Ø (mm)	Length (m)
62130905	UST-LL-VSS-38-10	38	10
62130911	UST-LL-VSS-38-15	38	15
62730901	UST-LL-VBT-38	38	



62130905,
62130911
Suction hoses



62730901
Connecting
sleeve

El. vacuum pump with integrated sound insulation housing and motor protection switch incl. vacuum filter

Order no.	Type	Power consumption (kW)		Suction capacity (m³/h)	Weight (kg)	Noise Level (dB)
		60 Hz	50 Hz			
24405086-SDR	UST-VPE-VT4.40-SDR	1.8	1.5	40	47	60



24405086-SDR

Electric vacuum blowers

Order no.	Type	Power consumption (kW)	Suction capacity (m³/h)	Weight (kg)	Noise level (dB)
62102004-TP	UST-VPE-BL420-1,5-SMALL-BG	1.5	87	34	71
62102005-TP	UST-VPE-BL620-3,3-MEDIUM-BG	3.3	165	54	74



62102004-TP, 62102005-TP

Silencer

Order no.	Type	For vacuum blowers	Thread	Noise level reduction (dB)
62862002	UST-ZUB-TG-Schalldämpfer-G 1-14	62102004-TP SMALL 62102005-TP MEDIUM	G 1 1/4"	-6



62862002

Pneumatic vacuum generator for vacuum-tight materials

Order no.	Type	Operating pressure (bar)	Air consumption (NL/min)	Weight (kg)	Height (mm)
62701201	UST-VP-MAX201-hor	6	516	5.42	390



62701201

Vacuum filter with external air supply valve

Order no.	Type	Pore size (µm)	Flow rate (NI/min)
62600633	UST-Vakuumfilter-Einheit-Fz	5-7	max. 5300



62600633

Accessories

Quick-release couplings for fast change of the suction bases

Order no.	Type	Connection	Material
62830280	UST-ZUB-QL/LL-SK-HE	Lifting Unit	Steel, galvanised
62830285	UST-ZUB-QL/LL-SK-HE-VA	Lifting Unit	rustproof
62830290	UST-ZUB-QL/LL-SK-SF	Suction cup	Steel, galvanised
62830295	UST-ZUB-QL/LL-SK-SF-VA	Suction cup	rustproof



62830280,
62830285



62830290,
62830295

Rotary plates for 360° Turning the load

Order no.	Type	Version	Material
62830350	UST-ZUB-QL/LL-DT-360	360° endless	Steel, galvanised
62830350-VA	UST-ZUB-QL/LL-DT-360-VA	360° endless	rustproof



62830350

Angle adapters for slewing the load

Order no.	Type	Version	Material
62830800	UST-ZUB-QL/LL-WA-90	Angle adapter	Steel, galvanised
62830811	UST-ZUB-QL/LL-HH-WA	Hand lever for angle adapter	Steel, galvanised



62830800



62830811

Angle bracket for placing the vacuum pump on the crane system or on the wall

Order no.	Type	Description
62232525	UST-ZUB-Konsole-Vakuumerzeuger	For fastening on the crane pillar or on an existing customer-provided wall – clamping width 150 - 200 mm



62232525

Protective cover for vacuum blowers

Order no.	Type	Description
62862001	UST-ZUB-SDB350-2018	Serves to protect the vacuum blowers



62862001

Accessories

Remote control for switching the vacuum pump On and Off on the operating handle

Order no.	Type	Description
62292003	UST-ZUB-LL/HL-Fernbedienung	Remote control for switching the vacuum pump On and Off



62292003

Parking position

Order no.	Type	Description
62210420	UST-ZUB-Halterung	Bracket for the parking position of the hose lifter



62210420

Round suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730200	UST-SF-QL/LL-F200-EPDM	Ø 200	Steel, coated / EPDM	120
62740230	UST-SF-QL/LL-F270-EPDM	Ø 270	Steel, coated / EPDM	180



62730200, 62740230

Bellow suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730202	UST-SF-QL/LL-Balgsauger-150	Ø 150	NBR	100
62730201	UST-SF-QL/LL-Balgsauger-200	Ø 200	NBR	140



62730201, 62730202

Suction cups for sacks

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730300	UST-SF-QL/LL-Sacksauger-St	165 x 270	Steel, coated / EPDM	140
62730300-weiß	UST-SF-QL/LL-Sacksauger-St	165 x 270	Steel, coated / EPDM	140
62730320	UST-SF-QL/LL-Sacksauger-Ku	165 x 270	Plastic / foam rubber	140
62730305	UST-SF-QL/LL-Sacksauger-VA	165 x 270	rustproof / EPDM	140



62730300



62730320

Rubber skirts

Order no.	Type	Rubber skirt for suction cups for sacks
62830303	UST-ZUB-GR-62730300-schwarz	62730300, 62730320, 62730305
62230303-weiß	UST-ZUB-GR-62130300-weiß	62730300-weiß



62830303



62230303-weiß

Rectangular suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62730700	UST-SF-QL/LL-R100x250-EPDM	100 x 250	Steel, coated / EPDM	120
62740700	UST-SF-QL/LL-R120x320-EPDM	120 x 320	Steel, coated / EPDM	140
62730710	UST-SF-QL/LL-R140x205-EPDM	140 x 205	Steel, coated / EPDM	120
62730701	UST-SF-QL/LL-R85x200-EPDM	85 x 200	Steel, coated / EPDM	100



62730700, 62740700, 62730710, 62730701

Suction traverses

Order no.	Type	Suction surface (mm)	Material	Traverse length (mm)	max. Suct. hose Ø
62730600	UST-SF-QL/LL-R85x200-T200/2-ST	2 x 85 x 200	Steel, coated / EPDM	200	140
62730650	UST-SF-QL/LL-R85x200-T400/2-VF-STvz	2 x 85 x 200	Steel, coated / EPDM	400	140
62740650	UST-SF-QL/LL-R100x250-T400/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	400	140
62740650-weiß	UST-SF-QL/LL-R100x250-T400/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	400	140
62740650-320	UST-SF-QL/LL-R100x250-T320/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	320	140
62740650-1000	UST-SF-QL/LL-R100x250-T1000/2-VF-STvz	2 x 100 x 250	Steel, coated / EPDM	1000	140



62730650, 62740650, 62740650-xxxx adjustable



62730600 fixed

Suction cups for pipes, curved

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62710401	UST-SF-LL/HL-RO100x250-EPDM	100 x 250	Steel, coated / EPDM	120
62710402	UST-SF-LL/HL-RO120x320-EPDM	120 x 320	Steel, coated / EPDM	140



62710401, 62710402

Hook adapters

Order no.	Type	Description
62501044	UST-SF-Hakenadapter-100kg	Clevis hook with snapper
62501045	UST-SF-Hakenadapter-Kanister	Hook for canister handling up to 50 kg



62501044



62501045

Clamp gripper

Order no.	Type	Description
62501087	UST-SF-Klemmgreifer	Clamp gripper for foils, sacks, textile



62501087

tim[®] heavyLIFT

Mode of operation

The heavyLIFT vacuum hose lifter enables you to efficiently and ergonomically move diverse goods, such as bagged goods, cardboard boxes, crates, panels, etc. weighing up to 300 kg.

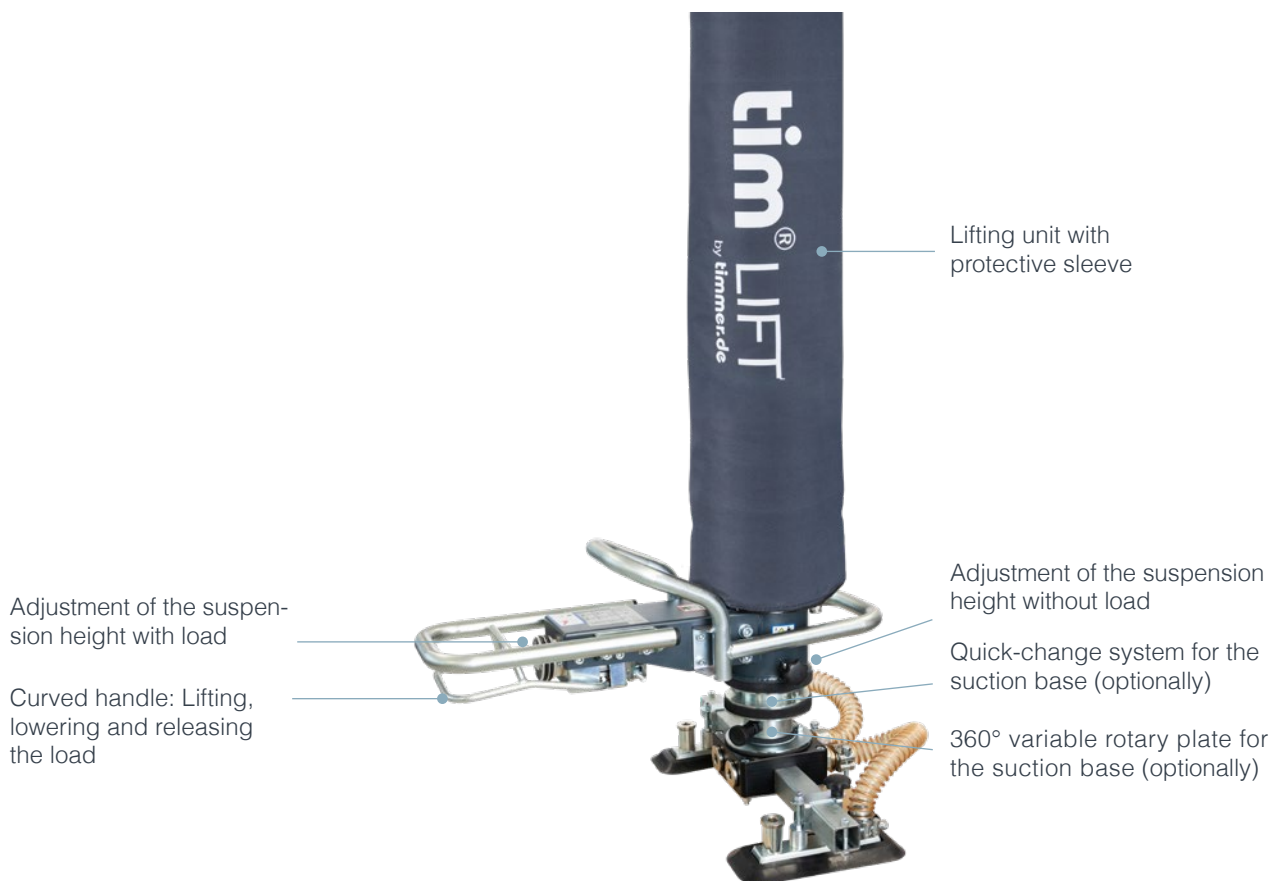
The heavyLIFT vacuum hose lifter is handled via a two-hand operation design, which is selected specifically for your applications.

Two-hand operation enables safe guidance of lifted goods with two hands and allows precise positioning of the lifted goods.

For two-hand operation the design emphasis is safe and precise handling of heavy goods without additional auxiliary equipment.

We have extensive possibilities for finding designing, and implementing a tailored solution for our customers.

Two-hand operation – safe even with heavy loads



Optionally available:

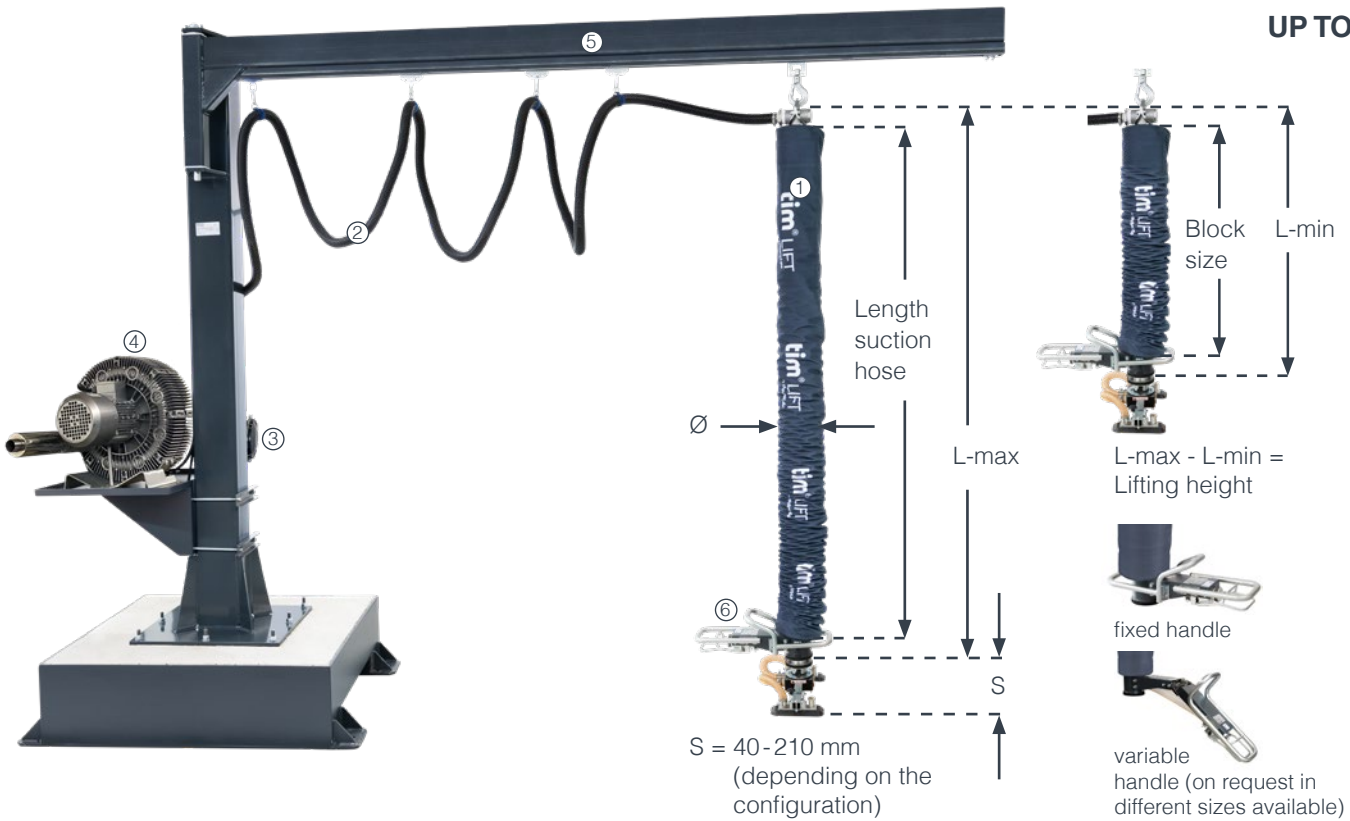
- Remote control for switching the vacuum pump On/Off

System structure / type code

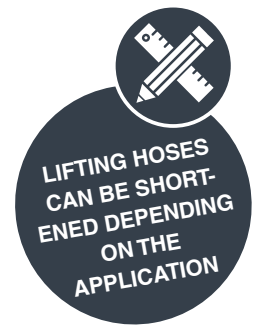
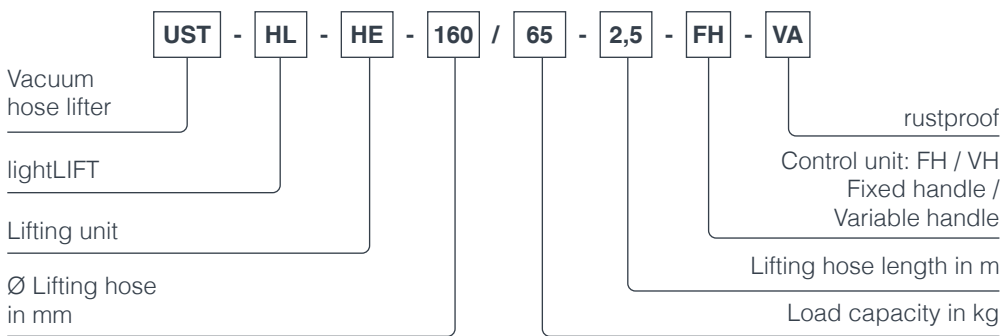
- ① Lifting unit
- ② Suction hose
- ③ Vacuum filter
- ④ Vacuum blower
- ⑤ Jib crane
- ⑥ Operation unit



UP TO 300 kg



Type code



Lifting Units

Consisting of slewing head, lifting hose, incl. hose sleeve and operating unit

Order no.	Type	Load capacity*1 (kg)	Suction hose Ø (mm)	Suction hose*2 length (mm)	Block size (mm)	L-max (mm)	L-min (mm)	Lifting height (mm)
62716200	UST-HL-HE-160/65-2,5-FH	65	160	2500	689	2691	880	1811
62716250	UST-HL-HE-160/65-2,5-VH	65	160	2500	689	2691	880	1811
62718200	UST-HL-HE-180/85-2,5-FH	85	180	2500	639	2691	830	1861
62718250	UST-HL-HE-180/85-2,5-VH	85	180	2500	639	2691	830	1861
62720200	UST-HL-HE-200/110-2,5-FH	110	200	2500	639	2706	845	1861
62720250	UST-HL-HE-200/110-2,5-VH	110	200	2500	639	2706	845	1861
62723200	UST-HL-HE-230/140-2,5-FH	140	230	2500	663	2706	869	1837
62723250	UST-HL-HE-230/140-2,5-VH	140	230	2500	663	2706	869	1837
62725200	UST-HL-HE-250/200-2,5-FH	200	250	2500	732	2706	938	1768
62750200	UST-HL-HE-300/300-2,5-FH	300	300	2500	732	2706	938	1768

*1 excl. accessories; *2 4 m lifting hoses available on request

Vacuum supply

Suction hoses / connecting sleeve

Order no.	Type	Inside Ø (mm)	Length (m)
62110905	UST-HL-VSS-52-10	52	10
62110911	UST-HL-VSS-52-15	52	15
62730902	UST-HL-VBT-52	52	



Electric vacuum blowers

Order no.	Type	Power consumption (kW)	Suction capacity (m³/h)	Weight (kg)	Noise level (dB)
62102005-TP	UST-VPE-BL620-3,3-MEDIUM-BG	3.3	165	54	74
62102006-TP	UST-VPE-BL720-5,5-LARGE-BG	5.5	320	71	81



Silencers

Order no.	Type	for vacuum blowers	Thread	Noise level reduction (dB)
62862002	UST-ZUB-TG-Schalldämpfer-G 1-14	62102005-TP MEDIUM	G 1 1/4"	-6
62862003	UST-ZUB-TG-Schalldämpfer-G 2	62102006-TP LARGE	G 2"	-9



Vacuum filter with external air supply valve

Order no.	Type	Pore size (µm)	Flow rate (NI/min)
62600633	UST-Vakuumfilter-Einheit-Fz	5-7	max. 5300



Accessories

Quick-release couplings for fast change of the suction bases

Order no.	Type	Connection	Material
62810280	UST-ZUB-HL-SK-HE	Lifting Unit	Steel, galvanised
62810285	UST-ZUB-HL-SK-HE-VA	Lifting Unit	rustproof
62810290	UST-ZUB-HL-SK-SF	Suction cup	Steel, galvanised
62810295	UST-ZUB-HL-SK-SF-VA	Suction cup	rustproof



Rotary plates for 360° Turning the load

Order no.	Type	Version	Material
62810350	UST-ZUB-HL-DT-360	360° endless	Steel, galvanised
62810350-VA	UST-ZUB-HL-DT-360-VA	360° endless	rustproof



Angle adapters for slewing the load

Order no.	Type	Version	Material
62810810	UST-ZUB-HL-WA-90	Angle adapter	Steel, galvanised
62810811	UST-ZUB-HL-HH-WA	Hand lever for angle adapter	Steel, galvanised



Protective cover for vacuum blowers

Order no.	Type	Description
62862001	UST-ZUB-SDB350-2018	Serves to protect the vacuum blowers



Angle bracket for placing the vacuum pump on the crane system or on the wall

Order no.	Type	Description
62232525	UST-ZUB-Konsole-Vakuumerzeuger	For fastening on the crane pillar or on an existing customer-provided wall – clamping width 150 - 200 mm



62232525

Remote control for switching the vacuum pump On and Off on the operating handle

Order no.	Type	Description
62292003	UST-ZUB-LL/HL-Fernbedienung	Remote control for switching the vacuum pump On and Off



62292003

Parking position

Order no.	Type	Description
62210420	UST-ZUB-Halterung	Bracket for the parking position of the hose lifter



62210420

Suction cups for sacks

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62710300	UST-SF-HL160/180-Sacksauger-St	265 x 385	Steel, coated / EPDM	230
62710300-weiß	UST-SF-HL-Sacksauger-St	265 x 385	Steel, coated / EPDM	230
62710320	UST-SF-HL160/180-Sacksauger-Ku	380 x 230	Plastic / foam rubber	200
62720320	UST-SF-HL200-Sacksauger-Ku	405 x 240	Plastic / foam rubber	200



62710300



62710320
62720320

Rubber skirts

Order no.	Type	Rubber skirt for suction cups for sacks
62210303	UST-ZUB-GR-62710300-schwarz	62710300, 62710320, 62720320
62210303-weiß	UST-ZUB-CM-GR-weiß	62710300-weiß



62210303



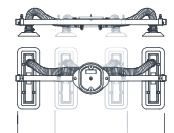
62210303-weiß

Suction traverses

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62710620	UST-SF-HL160/180-R120x320-T1200/2-EPDM	2 x 120 x 320	Steel, galvanised / EPDM	180
62710600	UST-SF-HL160/180-R120x320-T400/2-EPDM	2 x 120 x 320	Steel, galvanised / EPDM	200
62710610	UST-SF-HL160/180-R120x320-T800/2-EPDM	2 x 120 x 320	Steel, galvanised / EPDM	200
62710600-800/400	UST-SF-QL/LL/HL-R85x200-T800/400-4	4 x 85 x 200	Steel, galvanised / EPDM	200
62740650-800/400	UST-SF-QL/LL/HL-R100x250-T800/400-4	4 x 100 x 250	Steel, galvanised / EPDM	200
62501090	UST-SF-LL/HL-100x250-T1200/4-Inline	4 x 100 x 250	Steel, galvanised / EPDM	200
62710600-1800/800	UST-SF-HL-R120x320-T1800/800-4	4 x 120 x 320	Steel, galvanised / EPDM	230
62720600	UST-SF-HL200-R140x380-T500/2-EPDM	2 x 140 x 380	Steel, galvanised / EPDM	250
62710630	UST-SF-HL160/180-R120x320-T1800/4-EPDM	4 x 120 x 320	Steel, galvanised / EPDM	300



62710600



400 - 1800 mm
Variably adjustable suction cups



62740650-800/400



62501090

Rectangular suction cups

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62710700	UST-SF-HL160/180-R200x320-EPDM	200 x 320	Steel, coated / EPDM	180
62710710	UST-SF-HL160/180-R200x290-EPDM	200 x 290	Steel, coated / EPDM	180



62710700, 6210710

Suction cup for pipes, curved

Order no.	Type	Suction surface (mm)	Material	max. Suct. hose Ø
62710400	UST-SF-LL/HL-RO125x580-EPDM	125 x 580	Steel, coated / EPDM	180



62710400

Application examples

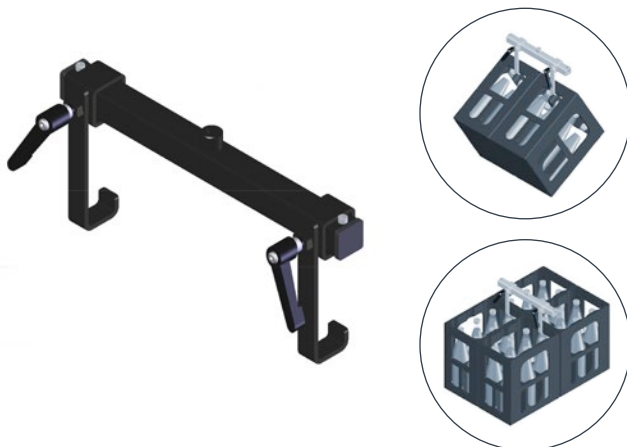
We offer a wide variety of customised solutions, which we work out together with you for your application. Please contact us to find a suitable solution also for your applica-

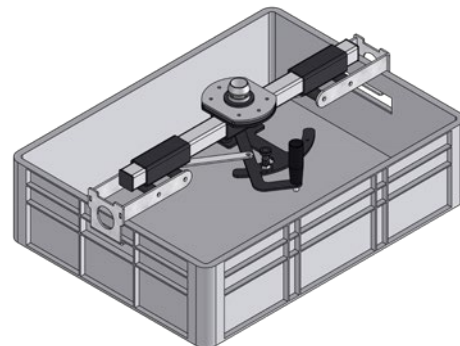
tion needs. Here you can find some examples for different applications:

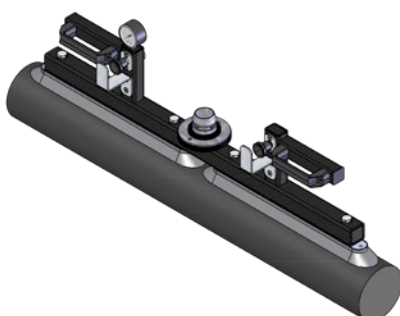
Turning station

**Barrel turner**

**Crate gripper**

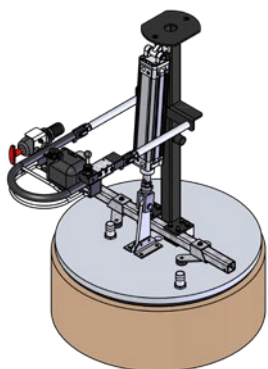
**Crate lifter**

**Pipe lifter**

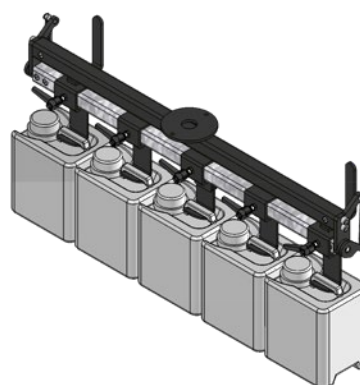
**Gallon handling**



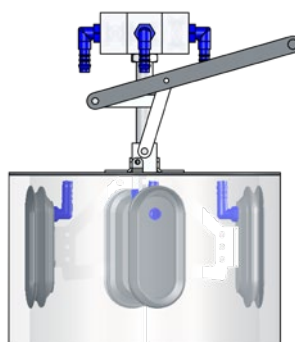
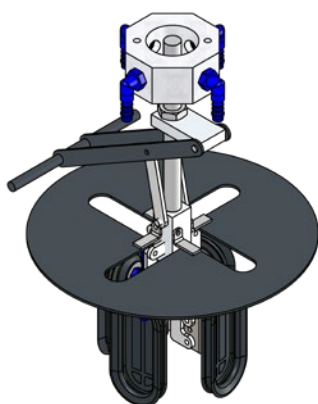
Coil lifter for the use with hose lifters



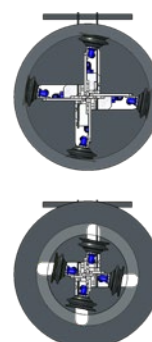
Hook traverse



Clamp-suction solution

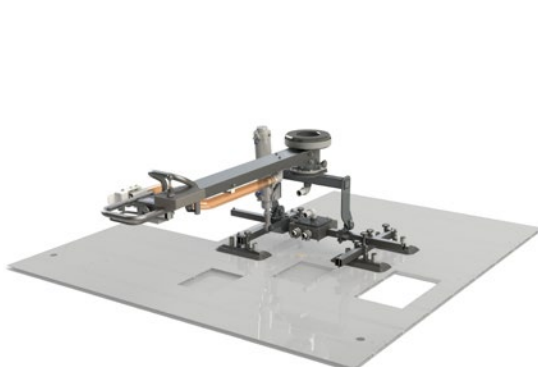


Application example:
Side view



Application example:
View from below

Slewing traverse

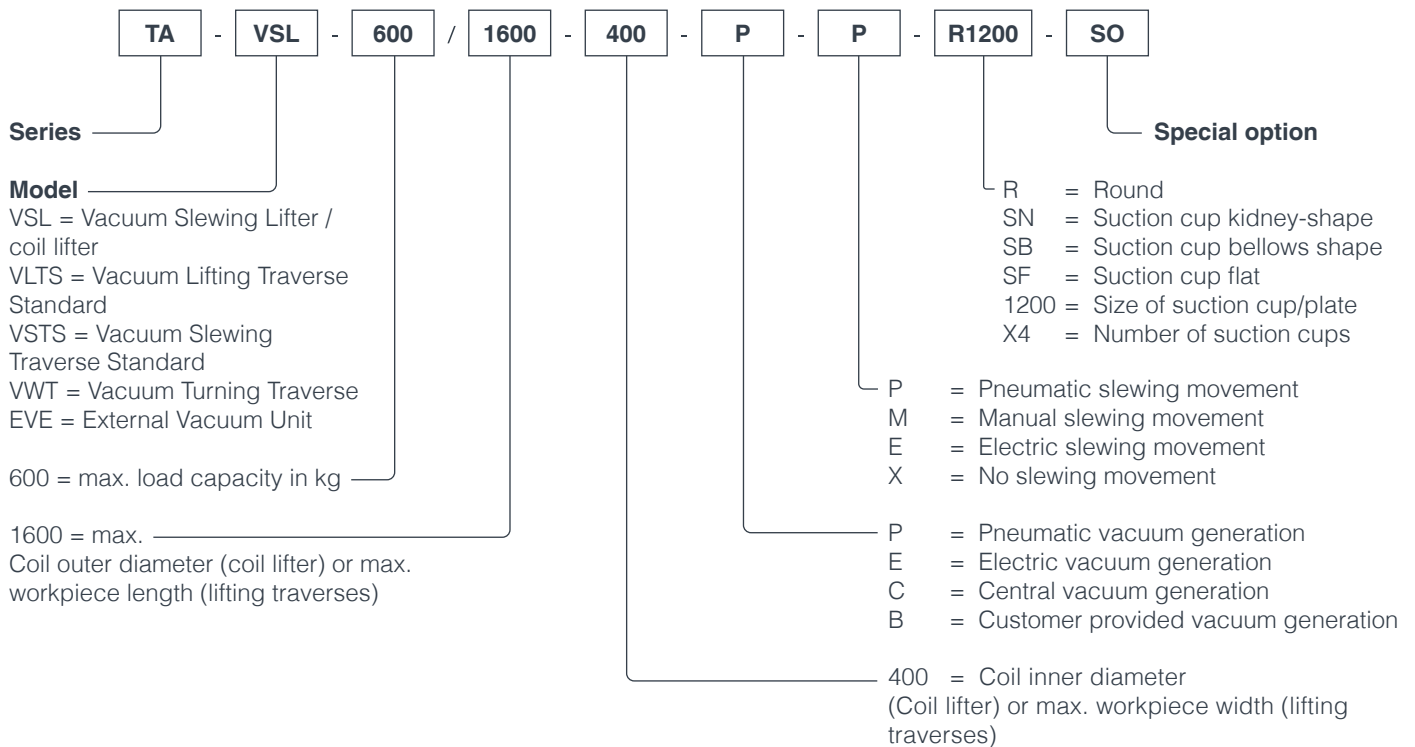












Vacuum lifting systems

Type code vacuum lifting devices



Models / Applications

Type	Application
basicLIFT 	Lifting
basicLIFT 	Lifting and slewing (90°)
multiLIFT 	Lifting, slewing and turning (180°)
accuLIFT 	Lifting without a power supply
poroLIFT 	Lifting and slewing for porous materials
coilLIFT 	Lifting and slewing of coils
Special solutions	Depending on the configuration

Features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Number of suction cups is based on sheet metal thickness
- Acoustic safety warning system, incl. rechargeable battery
- Ball valves for shutting off individual suction cups – factory standard



LIFTING

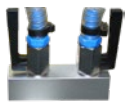
SERIES
VHTS



ALSO AVIALBALBE
WITH RECHARGE-
ABLE BATTERY
(SEE PAGE 43)



Suction base incl. spring plunger and clamp unit



Ball valves, each suction cup can be shut-off individually



Cross-clamp piece for variable adjustment possibilities



Basic module control cabinet



Electric or pneumatic vacuum generator



Manual slide valve with safety locking mechanism



Parking pads with locking (optional)



Holder for crane control system (optional)

Application

The traverses, which are structured based on a modular concept, offer unique flexibility thanks to their freely adjustable slide system.

Thanks to the crossbeams and suction cups, which are likewise freely adjustable, tim®LIFT-Lifting traverses are optimally suited for your handling tasks.

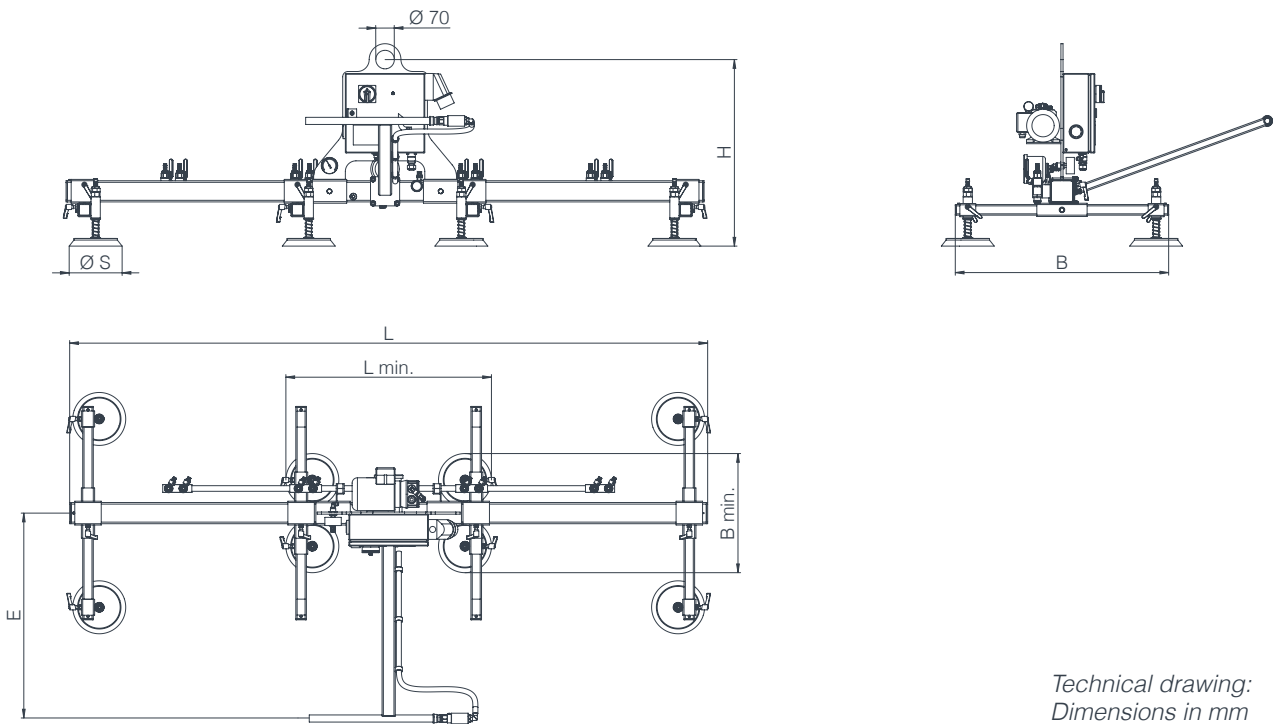
These systems are used for handling vacuum-tight wood panels, plastic panels, as well as steel and aluminium sheets in small, medium and large formats. Thanks to the small dimensions and the durable design, these lifting traverses offer a lot of comfort at a good price.

Other features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Acoustic safety warning system, incl. rechargeable battery (function is also ensured in the event of a power failure)
- Operation: Suctioning and releasing by means of a manual slide valve with safety locking mechanism
- Vacuum meter, vacuum tank with check valve
- Ball valves for shutting off individual suction cups – factory standard
- Cross clamp pieces for variable adjustment possibilities

HIGHER
LOAD CA-
PACITIES ON
REQUEST!

Vacuum lifting traverses – standard



Technical drawing:
Dimensions in mm

Order no.	Type	Tare weight kg approx.	Number of suction cups	Ø Suction cups	Vacuum pump	System dimensions				Sheet metal dimensions	
						L	B	E	H	min. l / w / d	max. l / w
Lifting up to 150 kg											
61102031	TA-VHTS2-150/2500x1250-P-X-SF150x4	52	4	150	Pneumatic	1810	800	765	685	780 x 380 x 3	2500 x 1250
61102030	TA-VHTS2-150/2500x1250-E-X-SF150x4	60	4	150	Electric	1810	800	765	685	780 x 380 x 3	2500 x 1250
Lifting up to 300 kg											
61102012	TA-VHTS2-300/2500x1250-P-X-SF200x4	80	4	200	Pneumatic	1910	800	765	685	800 x 480 x 3	2500 x 1250
61102000	TA-VHTS2-300/2500x1250-E-X-SF200x4	65	4	200	Electric	1910	800	765	685	800 x 480 x 3	2500 x 1250
61102013	TA-VHTS2-300/3000x1500-P-X-SF150x8	73	8	150	Pneumatic	2410	800	765	685	700 x 380 x 1	3000 x 1500
61102001	TA-VHTS2-300/3000x1500-E-X-SF150x8	85	8	150	Electric	2410	800	765	685	700 x 380 x 1	3000 x 1500
Lifting up to 500 kg											
61102014	TA-VHTS2-500/3000x1500-P-X-SF240x4	75	4	240	Pneumatic	2010	800	765	705	850 x 540 x 3	3000 x 1500
61102002	TA-VHTS2-500/3000x1500-E-X-SF240x4	80	4	240	Electric	2010	800	765	705	850 x 540 x 3	3000 x 1500
61102015	TA-VHTS2-500/3000x1500-P-X-SF200x8	95	8	200	Pneumatic	2410	800	765	705	810 x 500 x 1	3000 x 1500
61102003	TA-VHTS2-500/3000x1500-E-X-SF200x8	105	8	200	Electric	2410	800	765	705	810 x 500 x 1	3000 x 1500
Lifting up to 750 kg											
61102016	TA-VHTS2-750/3000x1500-P-X-SF285x4	100	4	285	Pneumatic	2410	800	1000	745	900 x 740 x 3	3000 x 1500
61102004	TA-VHTS2-750/3000x1500-E-X-SF285x4	120	4	285	Electric	2410	800	1000	745	900 x 740 x 3	3000 x 1500
61102017	TA-VHTS2-750/3000x1500-P-X-SF200x8	125	8	200	Pneumatic	2410	800	1000	745	820 x 660 x 1	3000 x 1500
61102005	TA-VHTS2-750/3000x1500-E-X-SF200x8	150	8	200	Electric	2410	800	1000	745	820 x 660 x 1	3000 x 1500
Lifting up to 1000 kg											
61102019	TA-VHTS2-1000/4000x2000-P-X-SF240x8	165	8	240	Pneumatic	3410	1300	1000	745	860 x 700 x 1	4000 x 2000
61102007	TA-VHTS2-1000/4000x2000-E-X-SF240x8	170	8	240	Electric	3410	1300	1000	745	860 x 700 x 1	4000 x 2000
Lifting up to 1500 kg											
61101020	TA-VHTS-1500/6000x2000-P-X-SF285x8	285	8	285	Pneumatic	5410	1300	1000	845	1350 x 700 x 4	6000 x 2000
61101008	TA-VHTS-1500/6000x2000-E-X-SF285x8	310	8	285	Electric	5410	1300	1000	845	1350 x 700 x 4	6000 x 2000
61101021	TA-VHTS-1500/6000x2000-P-X-SF240x12	310	12	240	Pneumatic	5410	1300	1000	845	1300 x 650 x 1	6000 x 2000
61101009	TA-VHTS-1500/6000x2000-E-X-SF240x12	335	12	240	Electric	5410	1300	1000	845	1300 x 650 x 1	6000 x 2000
Lifting up to 2000 kg											
61101022	TA-VHTS-2000/6000x2000-P-X-SF285x12	330	12	285	Pneumatic	5410	1300	1000	845	1350 x 700 x 4	6000 x 2000
61101010	TA-VHTS-2000/6000x2000-E-X-SF285x12	355	12	285	Electric	5410	1300	1000	845	1350 x 700 x 4	6000 x 2000
61101023	TA-VHTS-2000/6000x2000-P-X-SF240x16	350	16	240	Pneumatic	5410	1300	1000	845	1300 x 650 x 1	6000 x 2000
61101011	TA-VHTS-2000/6000x2000-E-X-SF240x16	375	16	240	Electric	5410	1300	1000	845	1300 x 650 x 1	6000 x 2000

For the "min." distances the outer ball valves must be closed!

Please note that the permissible load capacity decreases with a lower number of suction cups!

TA-VHTS2-150/2500x1250-E-X-SF150x4

For transport of vacuum-tight material:

- Length : Up to 2,500 mm
- Load capacity : Up to 150 kg
- Width : Up to 1,250 mm
- Material : From 3 mm
- thickness



LIFTING



UP TO
150 kg



TA-VHTS-1500/6000x2000-E-X-SF240x12

For transport of vacuum-tight material:

- Length : Up to 6,000 mm
- Load capacity : Up to 1,500 kg
- Width : Up to 2,000 mm
- Material : From 1 mm
- thickness



LIFTING



UP TO
1.500 kg



Features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Number of suction cups is based on sheet metal thickness
- Acoustic safety warning system, incl. rechargeable battery
- Ball valves for shutting off individual suction cups – factory standard



SLEWING





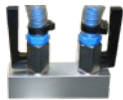
Slewing occurs either via a high-quality pneumatic cylinder or an electric linear drive (ELD)



SLEWING



Suction base incl. spring plunger and clamp unit



Ball valves, each suction cup can be shut-off individually



Cross-clamp piece for variable adjustment possibilities



Basic module control cabinet



Electric or pneumatic vacuum generator



Manual slide valve with safety locking mechanism



Parking pads with locking (optional)



Holder for crane control system (optional)

Application

The traverses, which are structured based on a modular concept, offer unique flexibility thanks to their freely adjustable slide system.

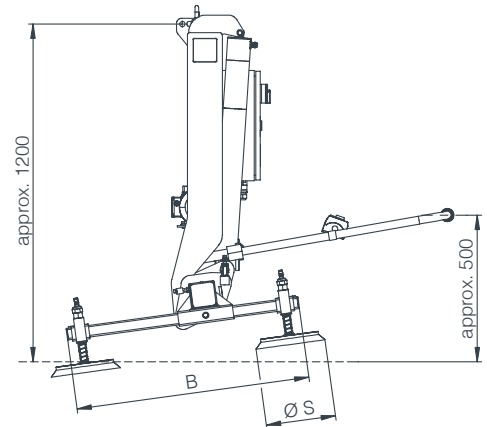
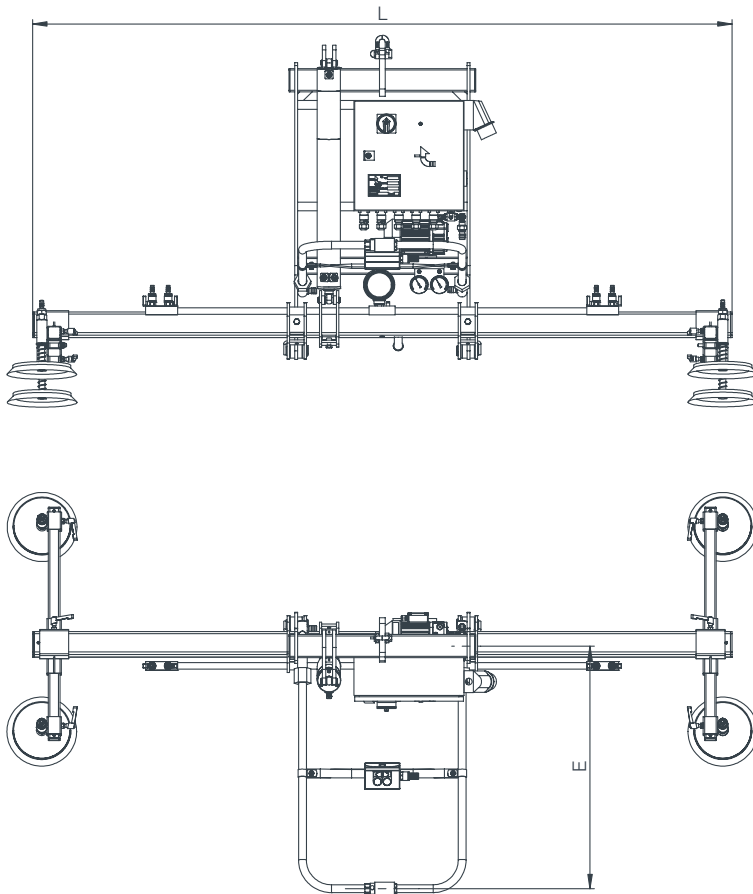
By means of the crossbeams and suction cups, which are likewise freely adjustable, Timmer lifting traverses are optimally suited for your handling tasks.

These systems are used for handling vacuum-tight wood panels, plastic panels, as well as steel and aluminium sheets in small, medium and large formats. The slewing movements can be executed either electrically or pneumatically. Through their low tare weight and durable design, these lifting traverses offer a lot of convenience at a good price.

Other features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Acoustic safety warning system, incl. rechargeable battery (function is also ensured in the event of a power failure)
- Slewing movements are executed either electrically or pneumatically
- Operation: Slewing movement through two pushbuttons, suction and release are executed by means of a manual slide valve with safety locking mechanism
- Vacuum meter, vacuum tank with check valve
- Ball valves for shutting off individual suction cups – factory standard
- Cross-clamp pieces for variable adjustment possibilities

Vacuum slewing traverses – standard



Technical drawing:
Dimensions in mm

Order no.	Type	Tare weight kg approx.	Number of suction cups	Ø Suction cups	Vacuum pump	System dimensions			Sheet metal dimensions	
						L	B	E	min. l / w / d	max. l / w
Lifting up to 250 kg / slewing up to 125 kg										
61101024	TA-VSTS-250/125-2500x1250-P-P-SF200x4	105	4	200	Pneum.	1910	800	800	1050 x 500 x 3	2500 x 1250
61101030	TA-VSTS-250/125-2500x1250-E-E-SF200x4	120	4	200	Electr.	1910	800	800	1050 x 500 x 3	2500 x 1250
61101025	TA-VSTS-250/125-2500x1250-P-P-SF200x8	125	8	200	Pneum.	1910	800	800	1050 x 500 x 1	2500 x 1250
61101031	TA-VSTS-250/125-2500x1250-E-E-SF200x8	135	8	200	Electr.	1910	800	800	1050 x 500 x 1	2500 x 1250
Lifting up to 500 kg / slewing up to 250 kg										
61101026	TA-VSTS-500/250-3000x1500-P-P-SF240x4	115	4	240	Pneum.	2410	800	800	1100 x 550 x 3	3000 x 1500
61101032	A-VSTS-500/250-3000x1500-E-E-SF240x4	125	4	240	Electr.	2410	800	800	1100 x 550 x 3	3000 x 1500
61101027	TA-VSTS-500/250-3000x1500-P-P-SF200x8	135	8	200	Pneum.	2410	800	800	1050 x 500 x 1	3000 x 1500
61101033	TA-VSTS-500/250-3000x1500-E-E-SF200x8	145	8	200	Electr.	2410	800	800	1050 x 500 x 1	3000 x 1500
Lifting up to 1000 kg / slewing up to 500 kg										
61101029	TA-VSTS-1000/500-4000x2000-P-P-SF240x8	220	8	240	Pneum.	3410	1300	1000	1100 x 650 x 1	4000 x 2000
61101035	TA-VSTS-1000/500-4000x2000-E-E-SF240x8	230	8	240	Electr.	3410	1300	1000	1100 x 650 x 1	4000 x 2000
Lifting up to 2000 kg / slewing up to 1000 kg NEW*										
61100628	TA-VST-2000/1000-6000x2000-E-E-SF285x12	430	12	240	Electr.	5410	1300	1000	1000 x 1000 x 4	6000 x 2000

For the "min." distances the outer ball valves must be closed!
Please note that the permissible load capacity decreases with a lower number of suction cups!



TA-VSTS-500/250-3000x1500-E-E-SF240x4

For transport and slewing of metal sheets and other vacuum-tight materials:

Length : Up to 3,000 mm
 Load capacity : Vertical 250 kg / horizontal 500 kg
 Width : Up to 1,500 mm
 Material : From 3 mm
 thickness



SLEWING



UP TO
500 kg



TA-VSTS-1000/500-4000x2000-E-E-SF240x8

For transport and slewing of metal sheets and other vacuum-tight materials:

Length : Up to 4,000 mm
 Load capacity : Vertical 500 kg / horizontal 1000 kg
 Width : Up to 2,000 mm
 Material : From 1 mm
 thickness



SLEWING



UP TO
1000 kg



Features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Number of suction cups is based on sheet metal thickness
- Acoustic safety warning system, incl. rechargeable battery
- Ball valves for shutting off individual suction cups – factory standard



SERIES
VWT



EACH SPECIAL
SOLUTION CAN
BE INDIVIDUALLY
ADAPTED!



Suction base incl. spring plunger and clamp unit



Cross-clamp piece for variable adjustment possibilities



Easy-to-operate control system



Gear motor



Electric or pneumatic vacuum generator



Parking pads with locking (optional)



Holder for crane control system (optional)

Application

The traverses, which are structured based on a modular concept, offer unique flexibility thanks to their freely adjustable slide system.

By means of the crossbeams and suction cups, which are likewise freely adjustable, Timmer lifting traverses are optimally suited for your handling tasks.

Thanks to powerful gear motors the load can be variably turned into any desired position. The end position is detected by limit switches.

Other features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- The number of suction cups can be configured individually
- Large selection of suction cups (material and form) for lifting a wide variety of materials (metal, plastic, glass, etc.)
- Acoustic safety warning system, incl. rechargeable battery (function is also ensured in the event of a power failure)
- Turning movement is executed electrically
- Operation through pushbutton: One button for vacuum generation, turning "forward" and "back"; two buttons (pressed simultaneously) = release procedure
- Vacuum meter, vacuum tank with check valve

Technical data

These systems are individually adapted to your requirements. The systems are manufactured in accordance with precisely defined parameters.

TA-VWT-700

For transport and turning of vacuum-tight materials:

Length : Up to 5,000 mm

Load capacity : Up to 700 kg

Width : Up to 1,800 mm

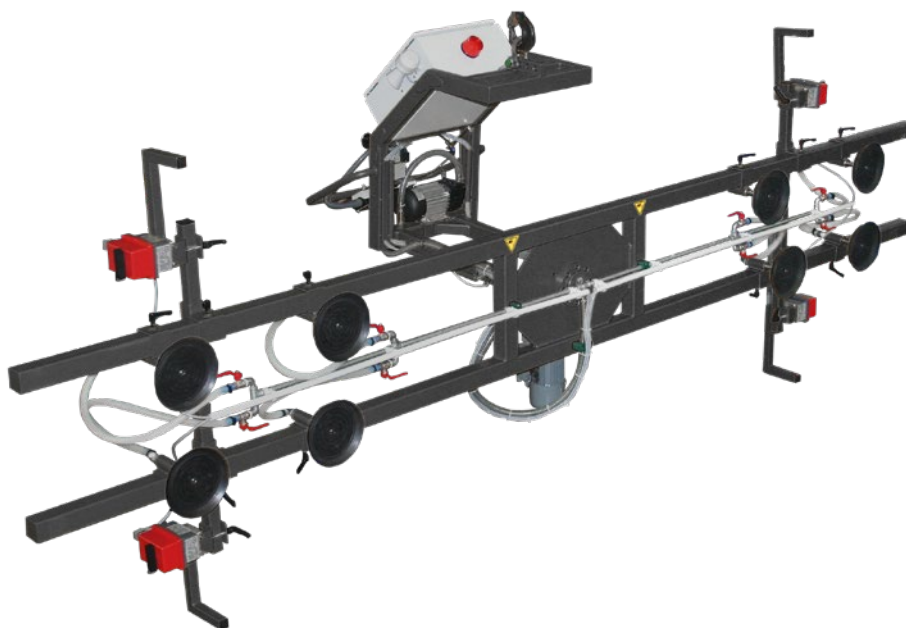


EACH SPECIAL
SOLUTION CAN
BE INDIVIDUALLY
ADAPTED!

TA-VWT-250

For transport and turning of vacuum-tight materials:

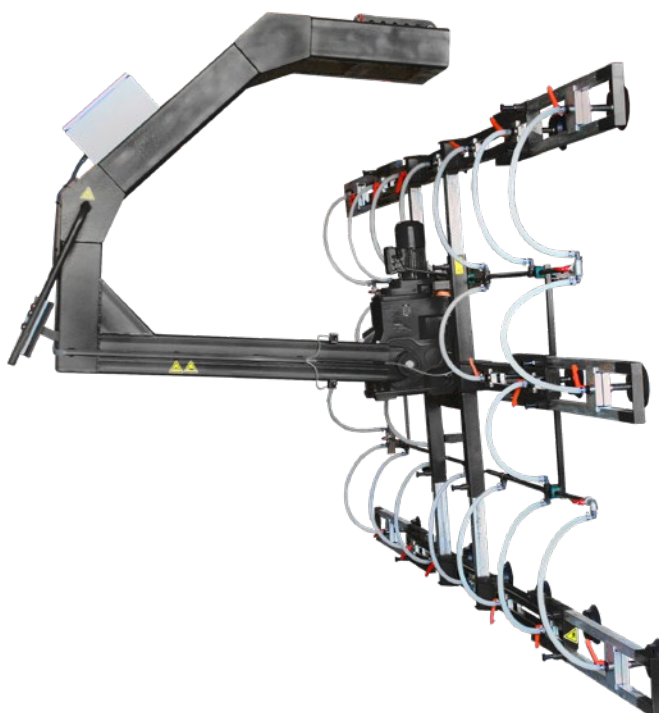
- Length : Up to 6,000 mm
- Load capacity : Up to 250 kg
- Width : Up to 1,000 mm
- Material thickness : From 4 mm



TA-VWT-500

For transport and turning of vacuum-tight materials:

- Length : Up to 6,000 mm
- Load capacity : Up to 500 kg
- Width : Up to 2,400 mm



Features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Acoustic safety warning system, incl. rechargeable battery
- Individually configured suction circular blank



SLEWING

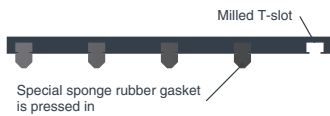
SERIES
VSL



EACH SPECIAL
SOLUTION CAN
BE INDIVIDUALLY
ADAPTED!



Slewing occurs either via a high-quality pneumatic cylinder or an electric linear drive (ELD)



Suction plate with unique special seal, compensates minor unevenness



SLEWING



Easy-to-operate control system

Application

tim@LIFT vacuum slewing lifters / coil lifters are designed for gentle and convenient transport, and for slewing of slit strips. Our systems offer simple and economic handling. Only one person is necessary for operation.

The vacuum is generated either pneumatically by a multi-stage TIVAtec vacuum pump or alternatively electrically. For this model, the slewing function is executed via two pneumatic cylinders.

Depending on the individual requirements, a different number of multiple chambers is possible; from which each chamber can be regulated individually via a ball valve. In conjunction with the warning signal, the integrated vacuum accumulator offers the highest level of safety. The current level of the vacuum can be monitored directly at any time via the vacuum meter. If a leak occurs a warning signal sounds. Outstanding leak-tightness is achieved through use of a special seal.

Other features

- Solid, welded frame construction
- Pneumatic or electric vacuum generator with high efficiency
- Individually configured suction circular blank
- Slewing movement 90° through 2 high-quality pneumatic cylinders
- Acoustic safety warning system, incl. rechargeable battery
- Operation through pushbuttons: One button for vacuum generation, slewing "forward" and "back"; two buttons (pressed simultaneously) = release procedure
- Vacuum meter, vacuum tank with check valve
- On request, also with integrated compressor

Technical data

These systems are individually adapted to your requirements. The systems are manufactured in accordance with precisely defined parameters.

TA-VSL-500

For slewing of vacuum-tight coils of slit strips:

- Ø inner : 300 mm
- Load capacity : Up to 500 kg
- Ø outer : 1,200 mm



SLEWING



UP TO
500 kg

TA-VSL-220

For slewing of vacuum-tight coils of slit strips:

- Ø inner : 520 mm
- Load capacity : Up to 220 kg
- Ø outer : 1,230 mm
- Minimum : 200 mm
contact surface



SLEWING



UP TO
220 kg


EACH SPECIAL
SOLUTION CAN
BE INDIVIDUALLY
ADAPTED!

TA-VHL-500

For transport of vacuum-tight coils of aluminium slit strips:
Load capacity : Up to 500 kg



LIFTING



UP TO
500 kg



External vacuum generator unit

TA-VSL-1400 weight detection

For slewing of vacuum-tight coils of slit strips.
NEW: With weight detection, a load cell detects whether the lifted weight and the connected suction chambers are compatible.

- Ø inner : 400 mm
- Load capacity : Up to 1,400 kg
- Ø outer : 1,800 mm



SLEWING



UP TO
1.400 kg



Features

- The power supply of the devices is ensured through permanently installed rechargeable batteries. Thus an additional connection line is no longer required
- The integrated 24 V vacuum pump ensures an adequate vacuum supply and high operational reliability
- The system is designed for horizontal operation



LIFTING



Model examples

TA-VHTS2-750/3000x1500-E-X-SF200x8-rechargeable battery

For transport of vacuum-tight material with rechargeable battery operation. The power supply of the devices is ensured through installed rechargeable batteries. Thus an additional connection line is no longer required:

Length : Up to 3,000 mm
Load capacity : Up to 750 kg
Width : Up to 1,500 mm
Material : From 1 mm thickness



LIFTING



UP TO
750 kg



Features

- Handling is realized by means of a powerful vacuum blower with additional flywheel mass
- The vacuum blower provides the necessary safety of vacuum release in case of power failure
- Robust construction
- Easy handling



SLEWING

Model examples

TA-VST-60

For transport and slewing of porous materials, such as raw particle boards, gypsum plaster boards, MDF- or OSB-boards:

- Length : Up to 2,000 mm
- Width : Up to 1,350 mm
- Load capacity : Up to 60 kg



SLEWING



**UP TO
400 kg**



Features

- Long service life through use of high-quality materials
- Either electric or pneumatic vacuum pump
- Number of suction cups is based on sheet metal thickness
- Acoustic safety warning system, incl. rechargeable battery



CUSTOMISED



**EACH SPECIAL
SOLUTION CAN
BE INDIVIDUALLY
ADAPTED!**



Application

For 25 years now, we have been designing and building our vacuum traverses. After 25 years they are still in use and thus demonstrate the robustness and quality of our systems. The current traverses always represent the state of the technology; they are further developed on a constant basis through direct incorporation of technical innovations and new findings in the design.

Use our traverses and benefit from our experience.

We optimally adapt our systems to your individual requirements. The versatility and flexibility will convince you. Reliability and safety are ensured through

use of a powerful pneumatic or electric vacuum pump. The combination with the large vacuum accumulator, as well as optical and acoustic warning device, round out the safety package. The current vacuum level can be read-off at any time on the vacuum meter.

These systems are manufactured in accordance with precisely defined parameters, which have been determined in advance with the aid of a requirements specification. On the following pages you will find a brief selection from the many models that we have already implemented.

Other features

- Long service life through use of high-quality materials
- Electric or pneumatic high-performance vacuum pump
- Number of suction cups is configured individually
- Large selection of suction cups (material and shape) for lifting a wide variety of materials (metal, wood, plastic, glass, etc.) and shapes
- Acoustic safety warning system, incl. rechargeable battery (function is also ensured in the event of a power failure)
- Operation through pushbuttons: One button for vacuum generation; two buttons (pressed simultaneously) = release procedure
- Vacuum meter, large vacuum tank with check valve

TA-VHT-500

For transport of rubber mats:

- Length : From 1,400 mm to 2,500 mm
- Width : From 625 mm to 1,400 mm
- Load capacity : Up to 500 kg



LIFTING



UP TO 500 kg



TA-VHT-400

For transport of glass window elements with muntins:

- Length : From 1,000 mm to 3,400 mm
- Width : From 1,000 mm to 2,400 mm
- Thickness : From 15 mm to 100 mm
- Load capacity : Up to 400 kg



LIFTING



UP TO 400 kg



EACH SPECIAL SOLUTION CAN BE INDIVIDUALLY ADAPTED!

TA-VHT-750

For transport of steel cylinders:

Length : From 1,600 mm to 2,000 mm
 Diameter : 270 mm
 Load capacity : Up to 750 kg



LIFTING



UP TO
750 kg



TA-VHT-3000

For transport of metal sheets:

Length : Up to 7,000 mm
 Width : Up to 2,000 mm
 Load capacity : Up to 3,000 kg



LIFTING



UP TO
3.000 kg



TA-VHT-250

For transport of metal sheets:

- Length : From 6,000 mm to 12,000 mm
- Width : Up to 1,000 mm
- Load capacity : Up to 250 kg



LIFTING



UP TO 250 kg



TA-VHT-150

For the transport of vacuum-tight materials for industrial trucks.
The power supply of the devices is ensured by the built-in rechargeable batteries:

- Length : Up to 5.000 mm
- Width : Up to 1.000 mm
- Load capacity : Up to 150 kg



LIFTING



UP TO 150 kg




EACH SPECIAL SOLUTION CAN BE INDIVIDUALLY ADAPTED!

TA-VST-200

For transport and slewing of natural stone slabs/glass panes:

Length : Up to 900 mm
 Width : Up to 600 mm
 Load capacity : Up to 200 kg



SLEWING



**UP TO
200 kg**

TA-VSDT-120

For transport of vacuum-tight, inherently stable, curved glass panes.
 This traverse can be slewed and also turned, by means of a rotary bearing, as well as locked in place with the lock bolt.

Length : Up to 2,500 mm
 Width : Up to 1,300 mm
 Load capacity : Up to 120 kg



SLEWING



**UP TO
120 kg**



TA-VHT-100

For transport of control cabinets:

- Length : Up to 300 mm
- Width : Up to 300 mm
- Load capacity : Up to 100 kg



TA-VST-370

For lifting and slewing of steel cylinders:

- Length : From 1,600 to 2,000 mm
- Diameter : From 269 mm to 405 mm
- Load capacity : Up to 370 kg




EACH SPECIAL SOLUTION CAN BE INDIVIDUALLY ADAPTED!

TA-VHT-6000

For lifting steel sheets:

Length : Up to 12,000 mm
 Width : Up to 3,000 mm
 Load capacity : Up to 6,000 kg
 Material : From 4 mm
 thickness



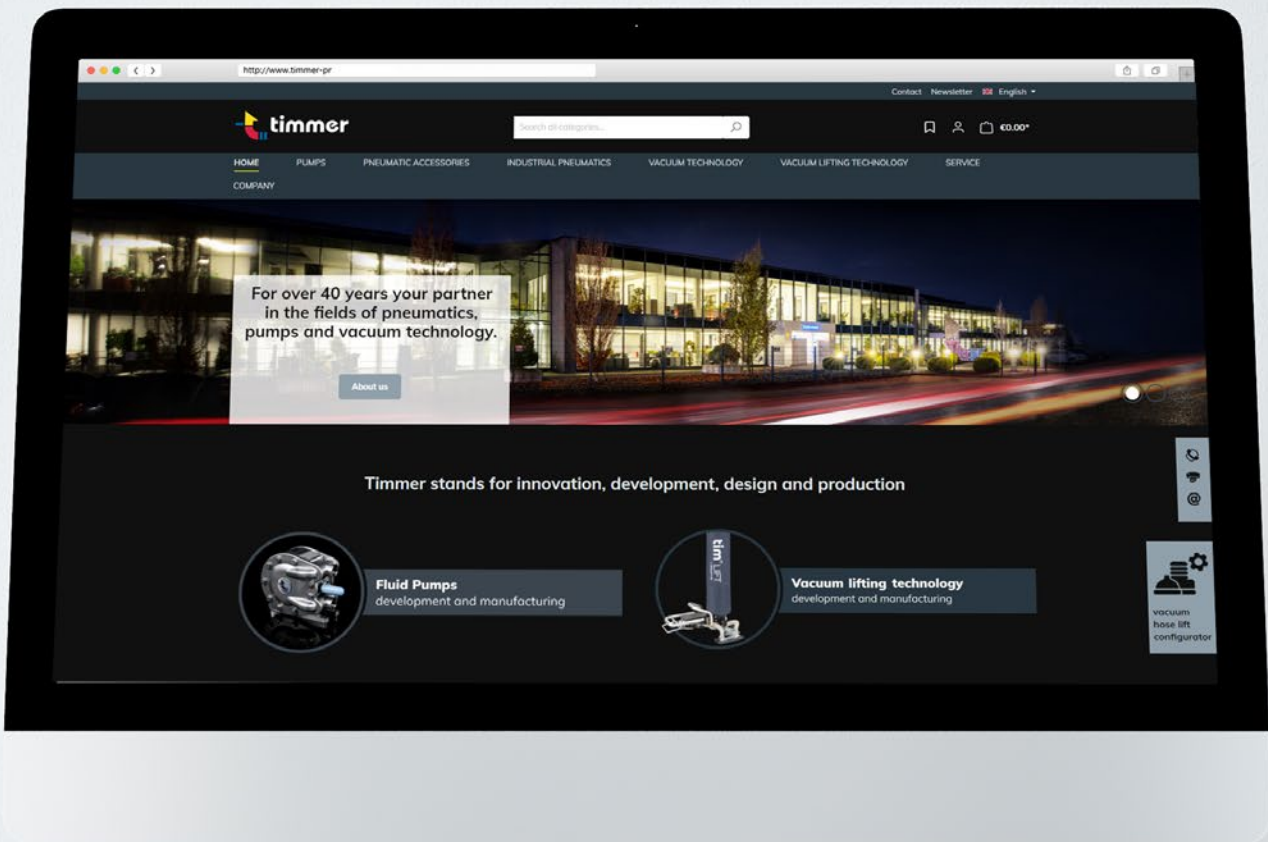
TA-VHT-200

For transport of round material:

Length : From 800 mm to 1,800 mm
 Diameter : From 80 mm to 125 mm
 Load capacity : Up to 200 kg



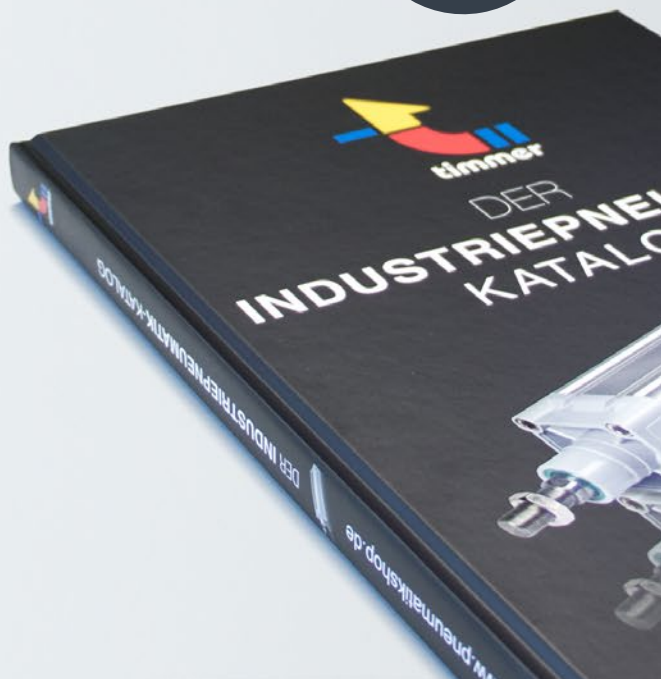
VISIT OUR
ONLINE
SHOP



ADDITIONAL
ACCESSORIES
ARE AVAILABLE
IN THE CATA-
LOGUE



www.timmer.de





CIMA LIFT

by Himmelsbach



Crane systems

Pillar-mounted jib crane

Pillar-mounted jib cranes are designed for lifting and moving of loads. Lifting tackle and load-suspension devices are part of the crane. The lifting, lowering, trolley driving and slewing movements occur manually or are power-operated.

Classification in lifting classes and stress groups as stipulated in DIN 15018. Pillar-mounted jib cranes must only be used with floor fastening on substrates that have been tested beforehand. We offer various fastening possibilities in this regard.

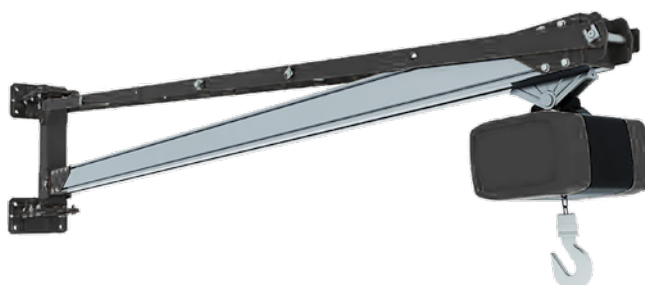


Wall-mounted jib crane

Wall-mounted jib cranes are designed for the lifting and moving of loads. Lifting tackle and load-suspension devices are part of the crane.

The lifting, lowering, trolley driving and slewing movements occur manually or are power-operated.

Classification in lifting classes and stress groups as stipulated in DIN 15018. Wall-mounted jib cranes are only suitable for fastening on walls or supports.

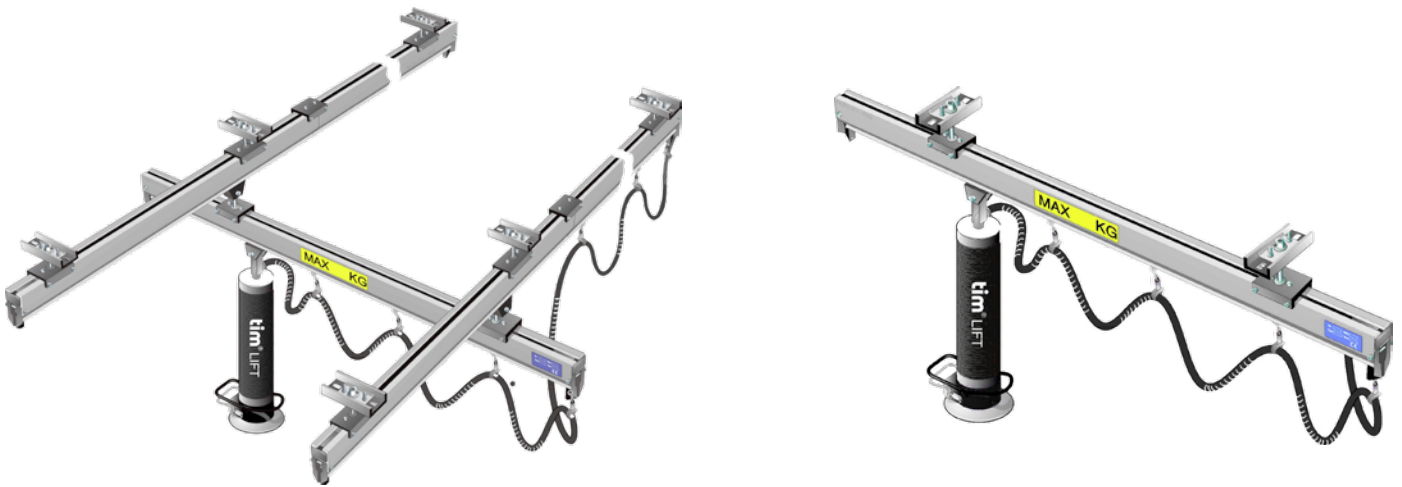


Mobile pillar-mounted crane

Mobile pillar-mounted cranes are perfectly suited for flexible implementation at different locations and are used to lift loads. These mobile pillar-mounted slewing cranes are specially optimised for flexible transport with forklifts or pallet trucks. The booms are available as rigid arm or articulated arm variants.



Aluminium rail system



On request, we will prepare an individual quotation for provision of our lightweight aluminium crane systems for you.

Rail systems can help our customers in a broad range of applications. First of all, they offer extensive area coverage, as there are no boom slewing areas.

Our aluminium rail systems are implemented if bridge crane systems or overhead crane systems cannot be used due to structural circumstances. These crane systems can be operated either entirely without a foundation or with just a small foundation.

- Dimensions and load capacity can be configured individually
- Ergonomic, easy-run rail systems
- Only minimal movement forces are necessary
- ATEX areas (on request)
- Innovative profile receptacles for optimal profile capacity utilisation and minimal deflection



Pillar-mounted jib crane, load capacity 60 kg, made of steel

Order no.	Type	Load capacity (kg)	A	B	F	D	X	Y	C
62300501-2000	UST-KS-SSK-ST-60/2,0-RB	60	2000	400	3000	15,5	400	400	30
62300501-3000	UST-KS-SSK-ST-60/3,0-RB	60	3000	400	3000	15,5	400	400	30
62300501-4000	UST-KS-SSK-ST-60/4,0-RB	60	4000	400	3000	15,5	400	400	30
62300501-5000	UST-KS-SSK-ST-60/5,0-RB	60	5000	500	3000	18,5	600	600	30
62300501-6000	UST-KS-SSK-ST-60/6,0-RB	60	6000	500	3000	18,5	600	600	30

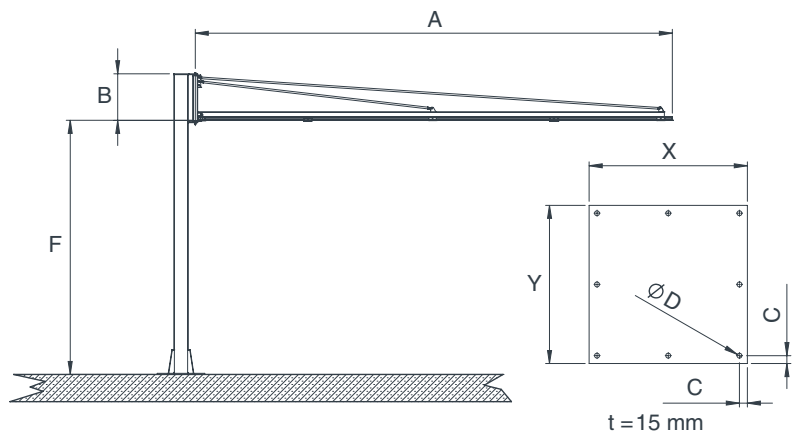
The scope of delivery includes trolleys for the hoists, trolleys for the vacuum feed, load instruction signs and fastening bolts.

Pillar-mounted jib crane, load capacity 100 kg, made of steel

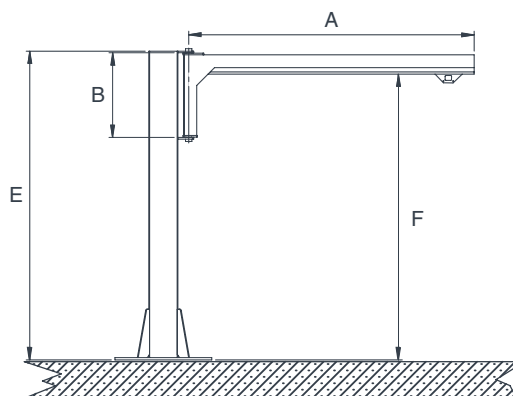
Order no.	Type	Load capacity (kg)	A	B	F	D	X	Y	C
62300502-2000	UST-KS-SSK-ST-100/2,0-RB	100	2000	500	3000	15,5	400	400	25
62300502-3000	UST-KS-SSK-ST-100/3,0-RB	100	3000	500	3000	18,5	600	600	30
62300502-4000	UST-KS-SSK-ST-100/4,0-RB	100	4000	500	3000	18,5	600	600	30
62300502-5000	UST-KS-SSK-ST-100/5,0-RB	100	5000	500	3000	18,5	600	600	30
62300502-6000	UST-KS-SSK-ST-100/6,0-RB	100	6000	500	3000	18,5	600	600	30

The scope of delivery includes trolleys for the hoists, trolleys for the vacuum feed, load instruction signs and fastening bolts.

ALSO AVAIL-
ABLE AS WALL
BOOM WITHOUT
PILLAR!



Pillar-mounted jib crane, low design



FOR LOW
CEILING
HEIGHTS

The example shows a crane in low design with a height of 3200 mm

Pillar-mounted jib crane, load capacity 250 kg, made of aluminium

Order no.	Type	A (mm)	B (mm)	U (mm)	P (mm)	Jib working radius (mm)
62300303-2,0	UST-KS-SSK-AL-250/2,0-EP	2248	3555	3026	500	2000
62300303-3,0	UST-KS-SSK-AL-250/3,0-EP	3282	3870	3023	650	3000
62300303-4,0	UST-KS-SSK-AL-250/4,0-EP	4301	3870	3023	650	4000
62300303-5,0	UST-KS-SSK-AL-250/5,0-EP	5312	3870	3003	650	5000
62300303-6,0	UST-KS-SSK-AL-250/6,0-EP	6269	3870	3023	650	6000

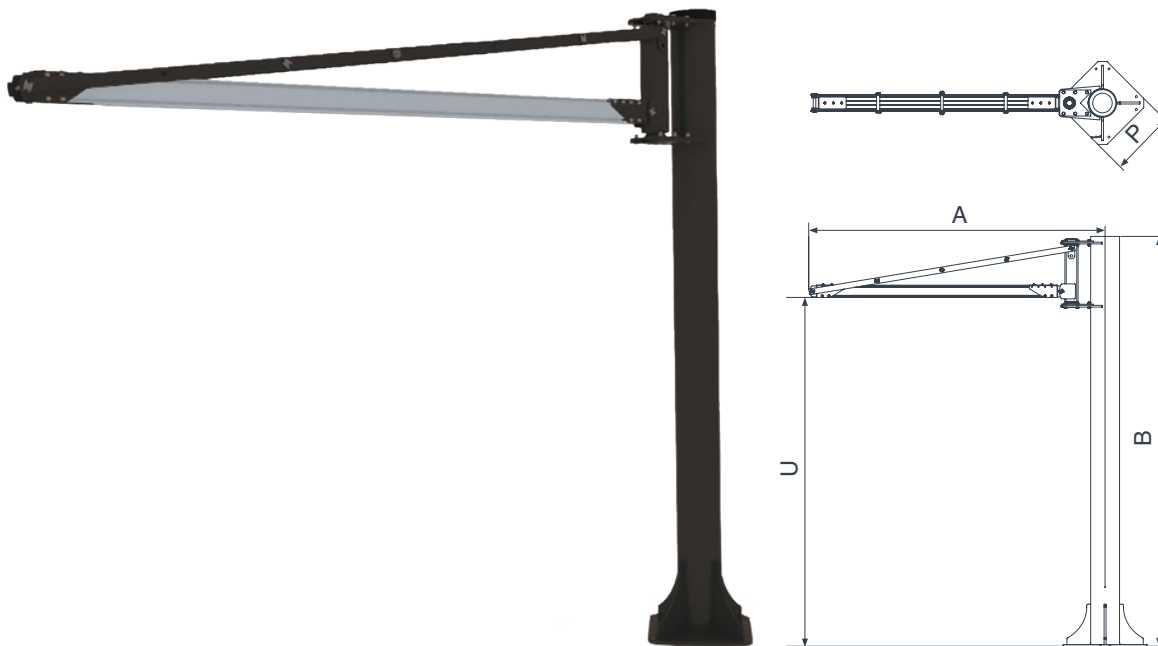


**ALSO SUIT-
ABLE FOR
LOAD CAPAC-
ITIES 500 AND
1000 KG**

Pillar-mounted jib crane, load capacity 320 kg, made of aluminium

Order no.	Type	A (mm)	B (mm)	U (mm)	P (mm)	Jib working radius (mm)
62300304-2,0	UST-KS-SSK-AL-320/2,0-EP	2244	3870	3023	650	2000
62300304-3,0	UST-KS-SSK-AL-320/3,0-EP	3282	3870	3023	650	3000
62300304-4,0	UST-KS-SSK-AL-320/4,0-EP	4301	3870	3003	650	4000
62300304-5,0	UST-KS-SSK-AL-320/5,0-EP	5312	3870	3003	650	5000
62300304-6,0	UST-KS-SSK-AL-320/6,0-EP	6272	4280	3043	800	6000

- Innovative profile receptacles for optimal profile capacity utilisation and minimal deflection
- Four different crane profiles for an optimal price-performance ratio and minimal movement forces
- Main switch (integrated in the pillar), fork chassis for lifting device and fastening material for pillar
- Absolute easy-turning, innovative slewing mechanism

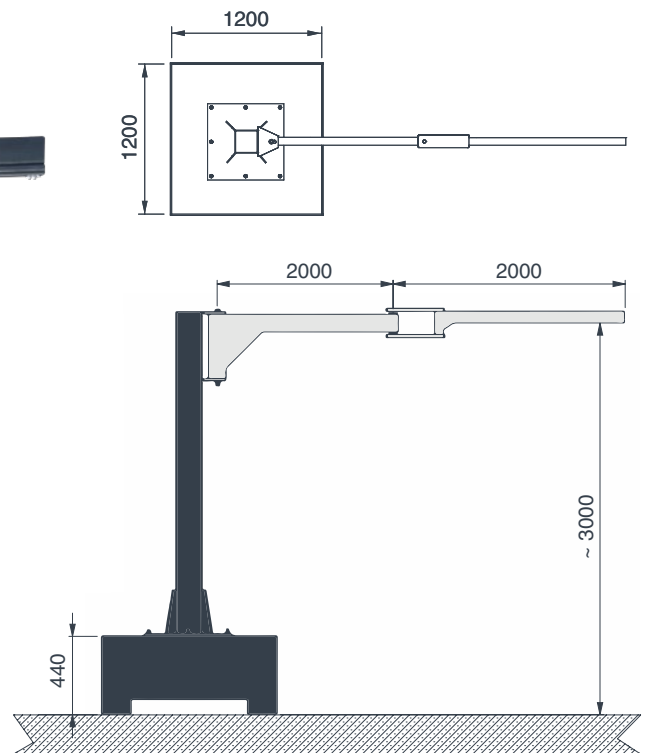


**ALSO AVAIL-
ABLE AS WALL
BOOM WITHOUT
PILLAR!**

Mobile pillar-mounted jib crane

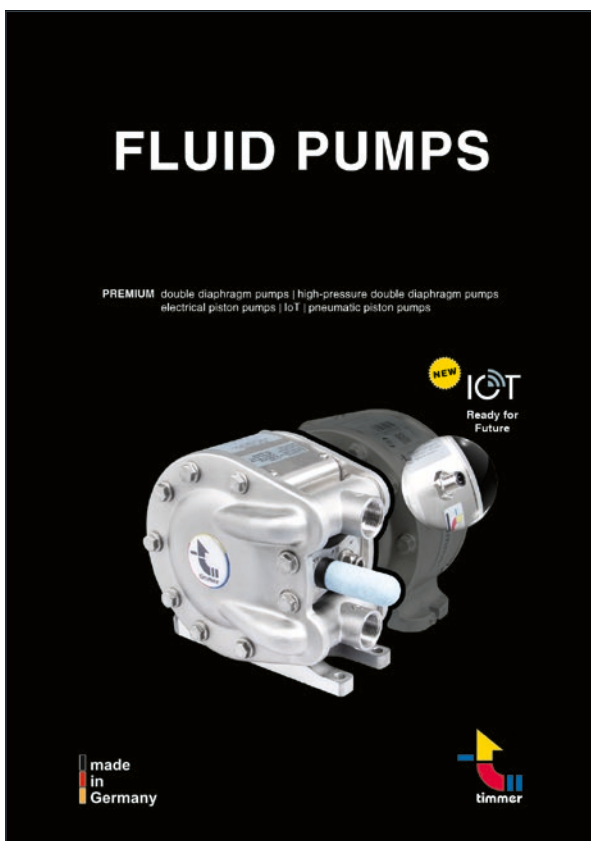
Order no.	Type	Load capacity (kg)	Boom variant	Boom length (mm)
62300735	UST-KS-SSK-MO-80/3,0-RB	80	Rigid	3000
62300736	UST-KS-SSK-MO-125/4,0-RB	125	Rigid	4000
62300738	UST-KS-SSK-MO-KNI-80/4,0-RB	80	Articulated arm	4000

- Jib length and load capacity maximum 4000 mm at 125 kg
- Height of the rigid pillar can be adapted
- Height-adjustable variants are available
- ATEX areas can be equipped
- Booms are available as rigid arm or articulated arm variants.
- Flat booms are possible



Our free catalogs

Order them at: www.timmer.de or as a PDF file: www.pneumatikkatalog.de




Our free catalogs

Order them at: www.timmer.de or as a PDF file: www.pneumatikkatalog.de

Vacuum lifting technology

Vacuum hose lifters quickLIFT | stackLIFT | lightLIFT | heavyLIFT |
Vacuum lifting systems basicLIFT | multiLIFT | accuLIFT | poroLIFT | coilLIFT
Crane systems



made in Germany www.timmer.de timmer

VACUUM TECHNOLOGY



made in Germany TIVAtec timmer

SCHNELLVERSCHLUSS-KUPPLUNGEN

für Kunststoffschläuche



made in Germany timmer


FIND MORE PRODUCTS ON OUR WEBSITE www.timmer.de



WE ARE REPRESENTED INTERNATIONALLY:



Germany | Australia | China | Finland | France | India | Indonesia | Italy | Japan | Canada
Luxemburg | Mexico | Austria | Poland | Romania | Russia | Slovakia | Spain | South Africa | Thailand
Czech Republic | Turkey | Ukraine | Hungary | United Kingdom | USA

DIN | ISO 9001
CERTIFIED

 Timmer GmbH
Dieselstraße 37
48485 Neuenkirchen

 +49 5973 9493 0
 +49 5973 9493 90

 info@timmer.de
 www.timmer.de

