

# 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:

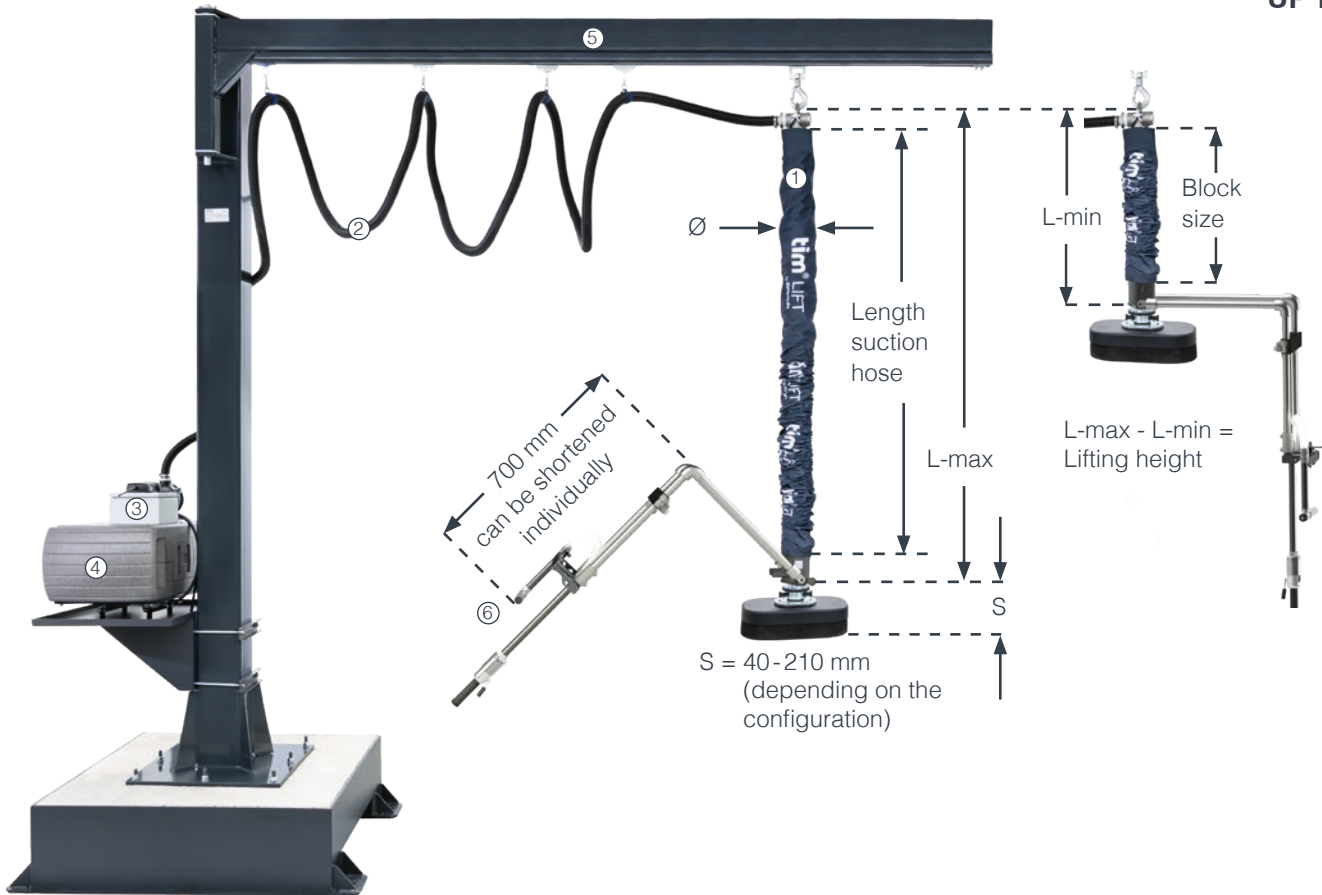
- Quick-change system for the suction base
- 360° variable rotary plate for the suction base
- Remote control for switching the vacuum pump On/Off

# System structure / type code

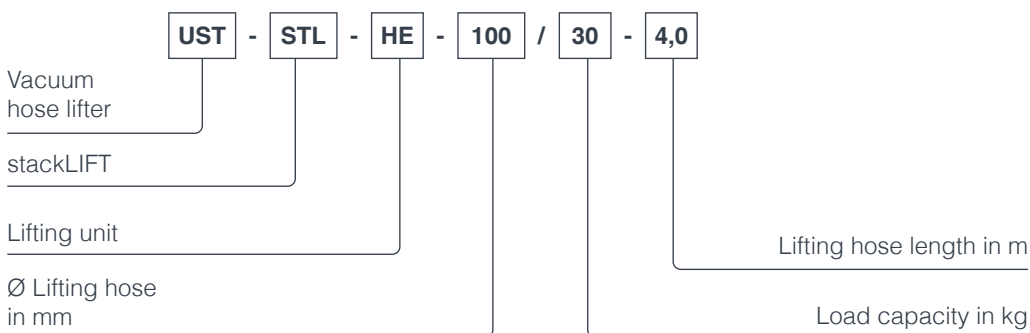
- ① Lifting unit
- ② Suction hose
- ③ Vacuum filter
- ④ Vacuum pump
- ⑤ Jib crane
- ⑥ Operation unit



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



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



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



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



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



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



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



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



Protective cover for vacuum blowers

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



## 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
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