

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.

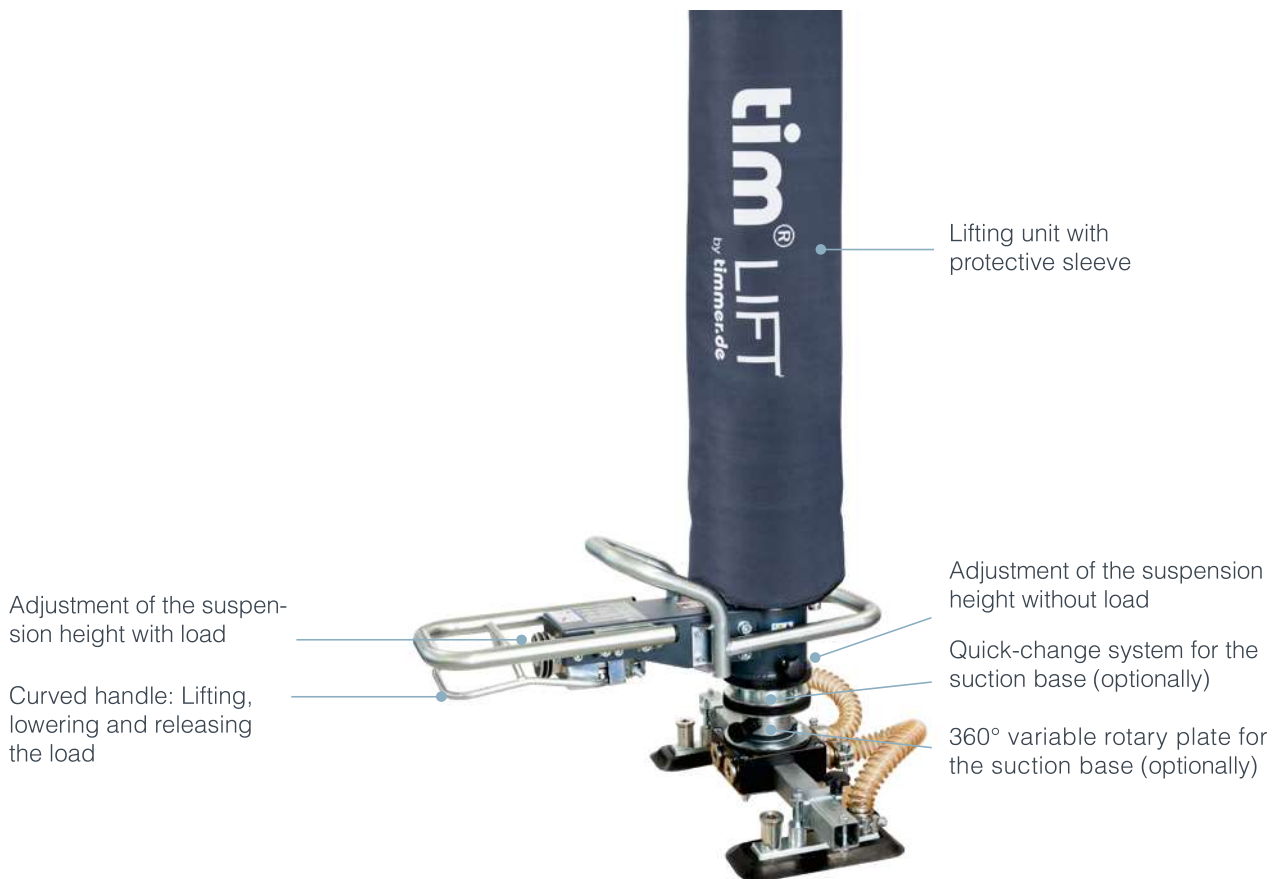
The lightLIFT vacuum hose lifter is handled via a two-hand operation design, which is selected specifically for your applications.

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

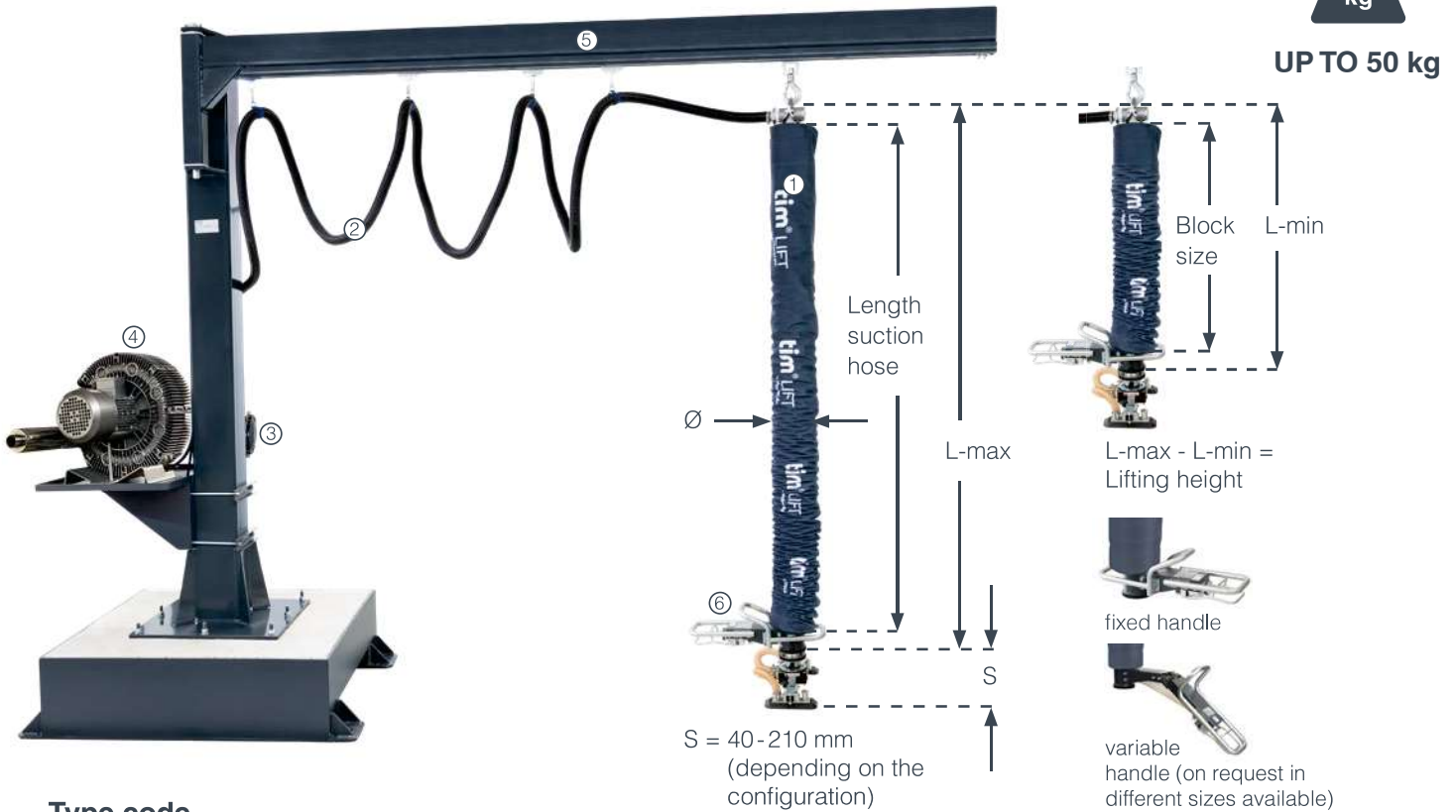


Optionally available:

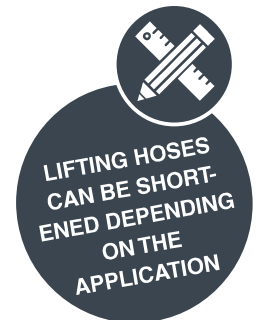
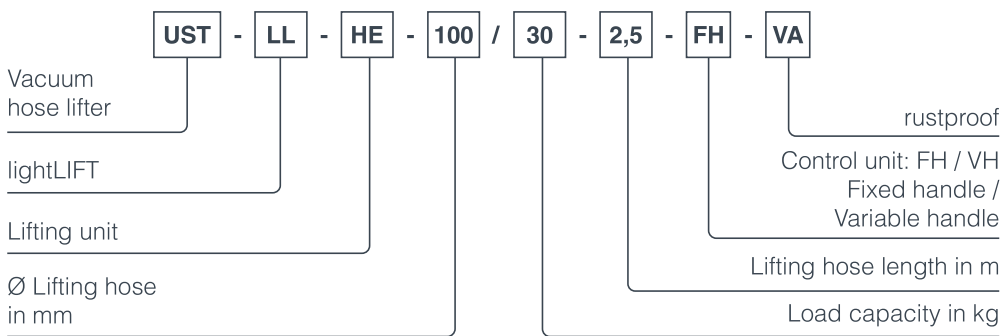
- Remote control for switching the vacuum pump On/Off

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