

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.

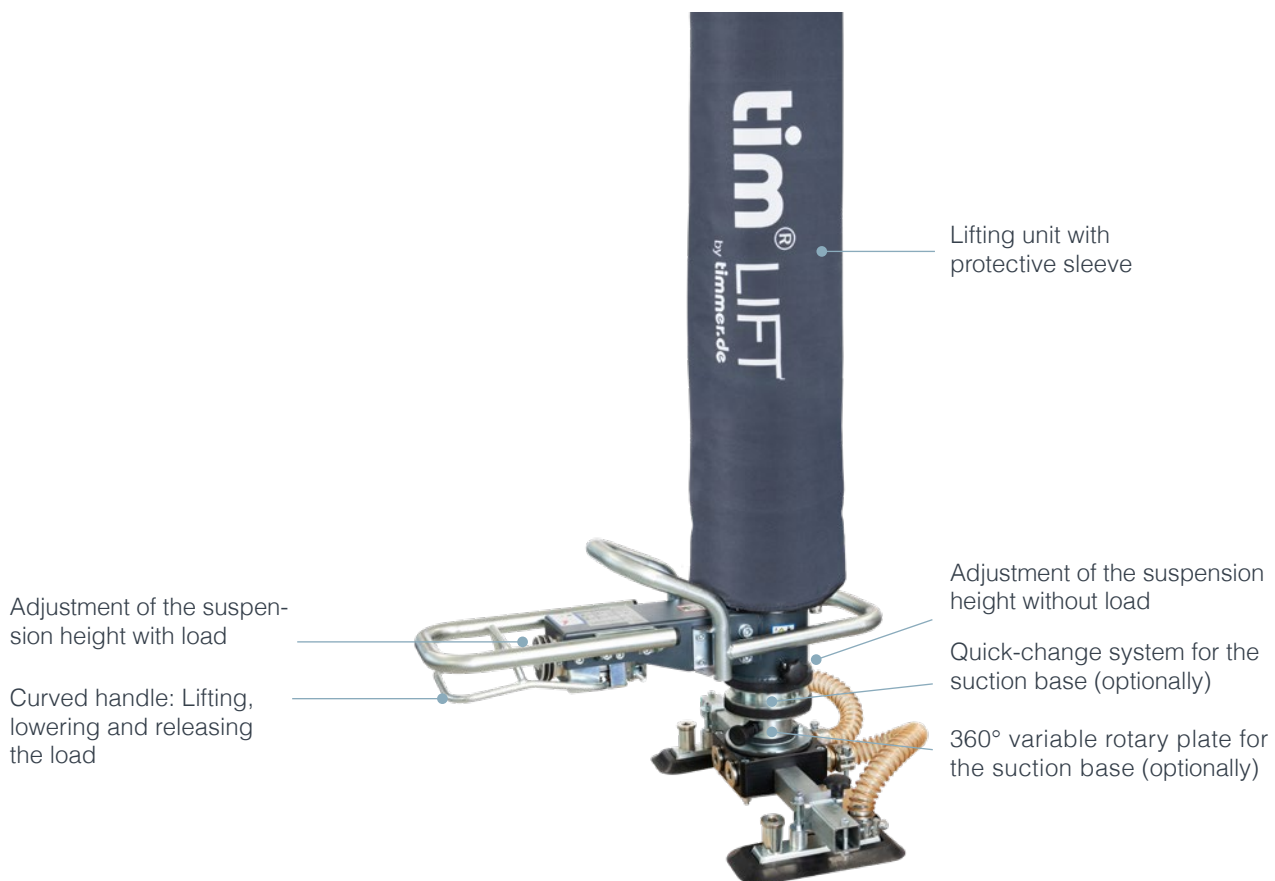
The heavyLIFT vacuum hose lifter is handled via a two-hand operation design, which is selected specifically for your applications.

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:

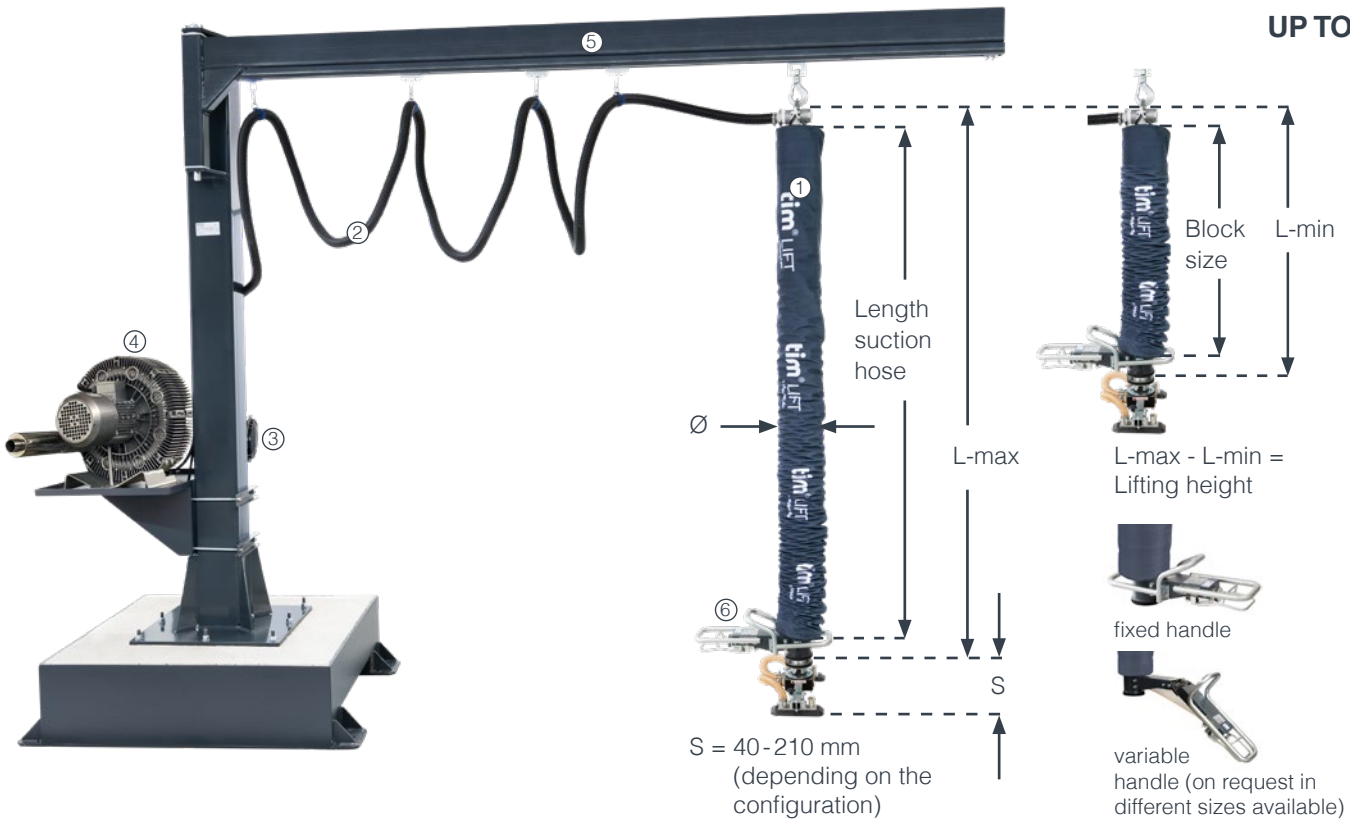
- Remote control for switching the vacuum pump On/Off

System structure / type code

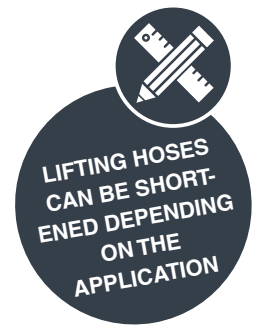
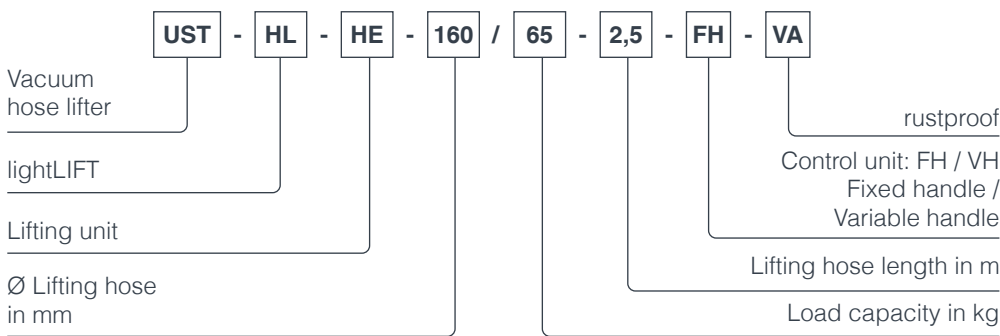
- ① Lifting unit
- ② Suction hose
- ③ Vacuum filter
- ④ Vacuum blower
- ⑤ Jib crane
- ⑥ Operation unit



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 ∅ (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 |



Accessories

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



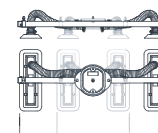
62210303-weiß

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