

# 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 cross beams



Coil lifters

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**PRO-HANDLING**

made  
in  
Germany

[www.timmer.de](http://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 150 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	12
	lightLIFT	Lifting up to 50 kg	14
	heavyLIFT	Lifting up to 300 kg	16
	Special solutions	Depending on the configuration	18

## tim® LIFT | Vacuum lifting systems

Model	Type	Load capacity	Page
	basicLIFT, multiLIFT, coilLIFT, accuLIFT, poroLIFT, Special solutions	Lifting up to 2.000 kg	22

## tim® LIFT | Crane systems

Model	Type	Load capacity	Page
	Aluminium rail system Pillar-mounted jib crane, steel Pillar-mounted jib crane, aluminium Pillar-mounted jib crane, mobile	Depending on the configuration	26

## Why use vacuum lifting technology



### Fast return on invest

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.



### Fewer illness-related absences

The operator is spared the heavy lifting, consequently illness-related absences are reduced. Likewise, more pleasant work conditions are provided.



### 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.



### Low-maintenance / reliable

The devices are low-maintenance to the extent possible; by design they are robust and offer a long service life.



### Customised

If required, our systems will be adapted to your specific needs and requirements.



### Material-friendly transport

Thanks to the optimally configured vacuum grippers handling is extremely gentle on the materials.

## What we and our distribution partners provide

- **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)

\* We offer this service within Germany. For interested parties outside Germany, please contact one of our numerous distributors. You can find a list of partners on our website at [www.timmer.de](http://www.timmer.de).

INDIVIDUAL  
DEMONSTRATION  
ON SITE\*

### 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.

#### Costs

For the demonstration we will charge you a low flat-rate to cover travel expenses to and from your location. 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:



\* We offer this service within Germany. For interested parties outside Germany, please contact one of our numerous distributors. You can find a list of partners on our website at [www.timmer.de](http://www.timmer.de).

**YOUR TIMMER  
SERVICE TEAM  
FOR VACUUM  
LIFTING  
TECHNOLOGY**



**SALES OFFICE**  
Technical team  
Vacuum hose lifters

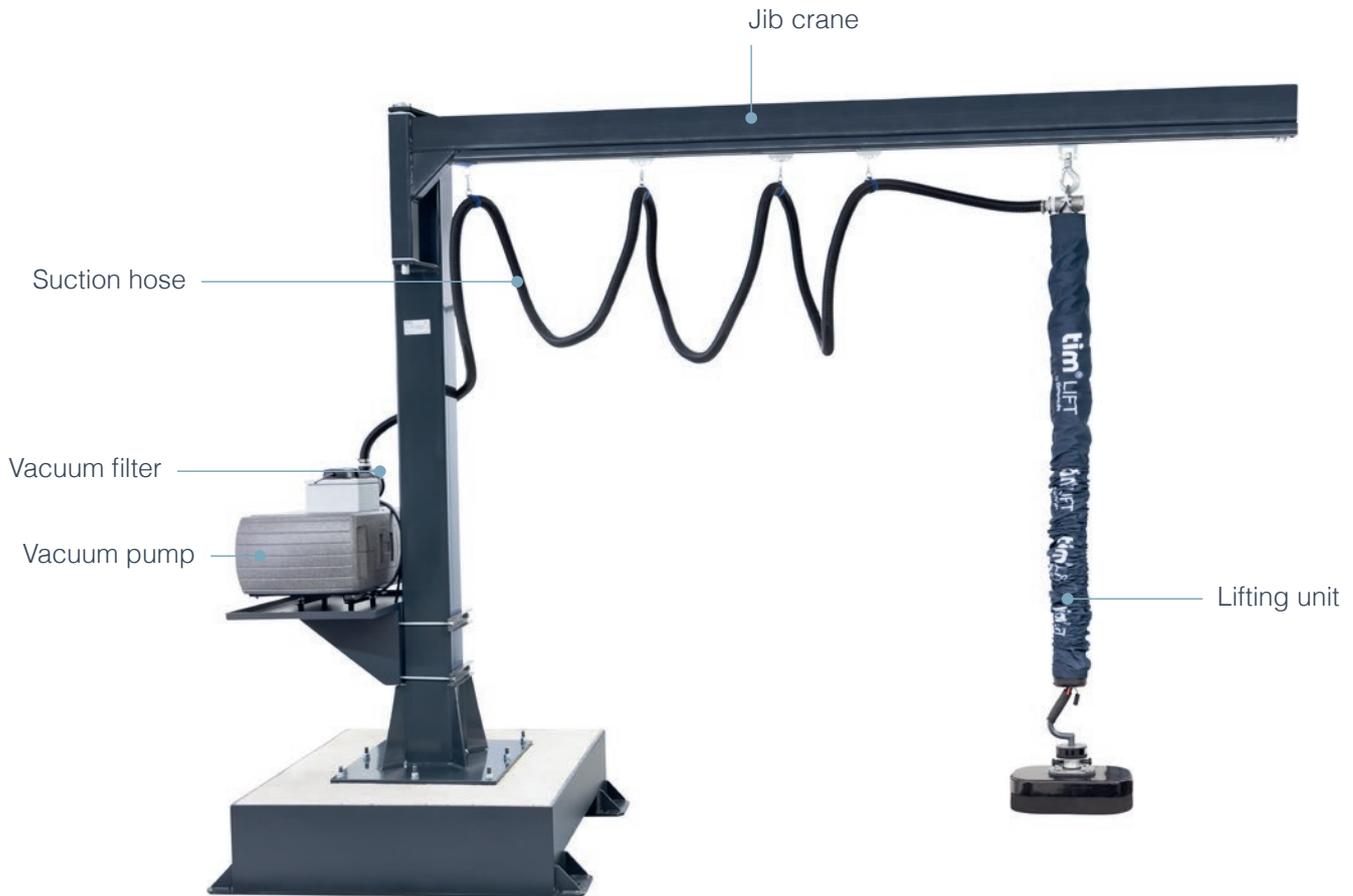
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**SALES OFFICE**  
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## Areas of application



Cardboard boxes



Bagged goods



Buckets



Canisters



Barrels



Plates  
(Metal, wood & plastic)



Beverage crates



Special solutions



Vacuum hose lifters

### 90° slewing mechanism



### Hook adapter



# tim<sup>®</sup> quickLIFT



One-hand operation



UP TO 50 kg

## 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.

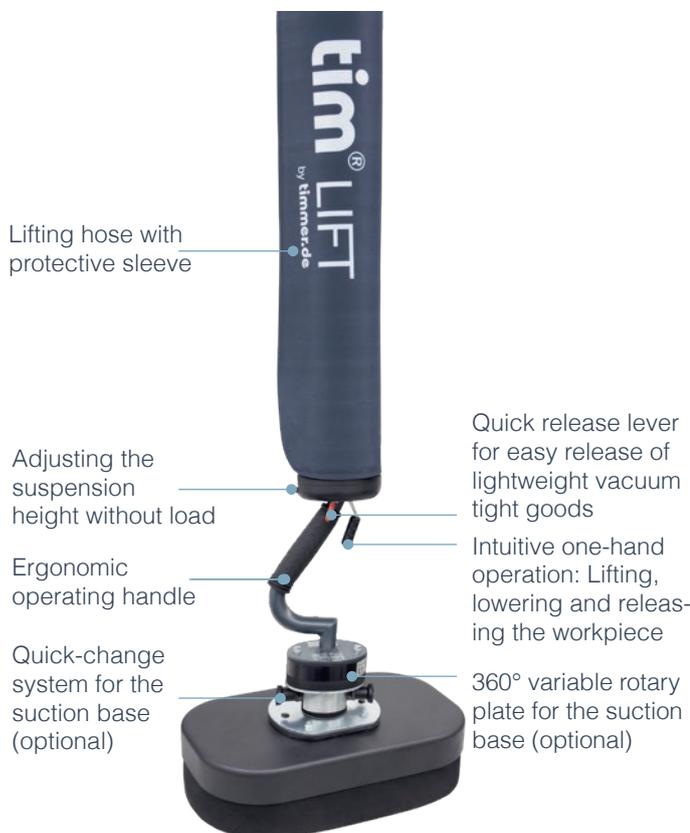
The one-hand operation design has been developed for

typical 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:

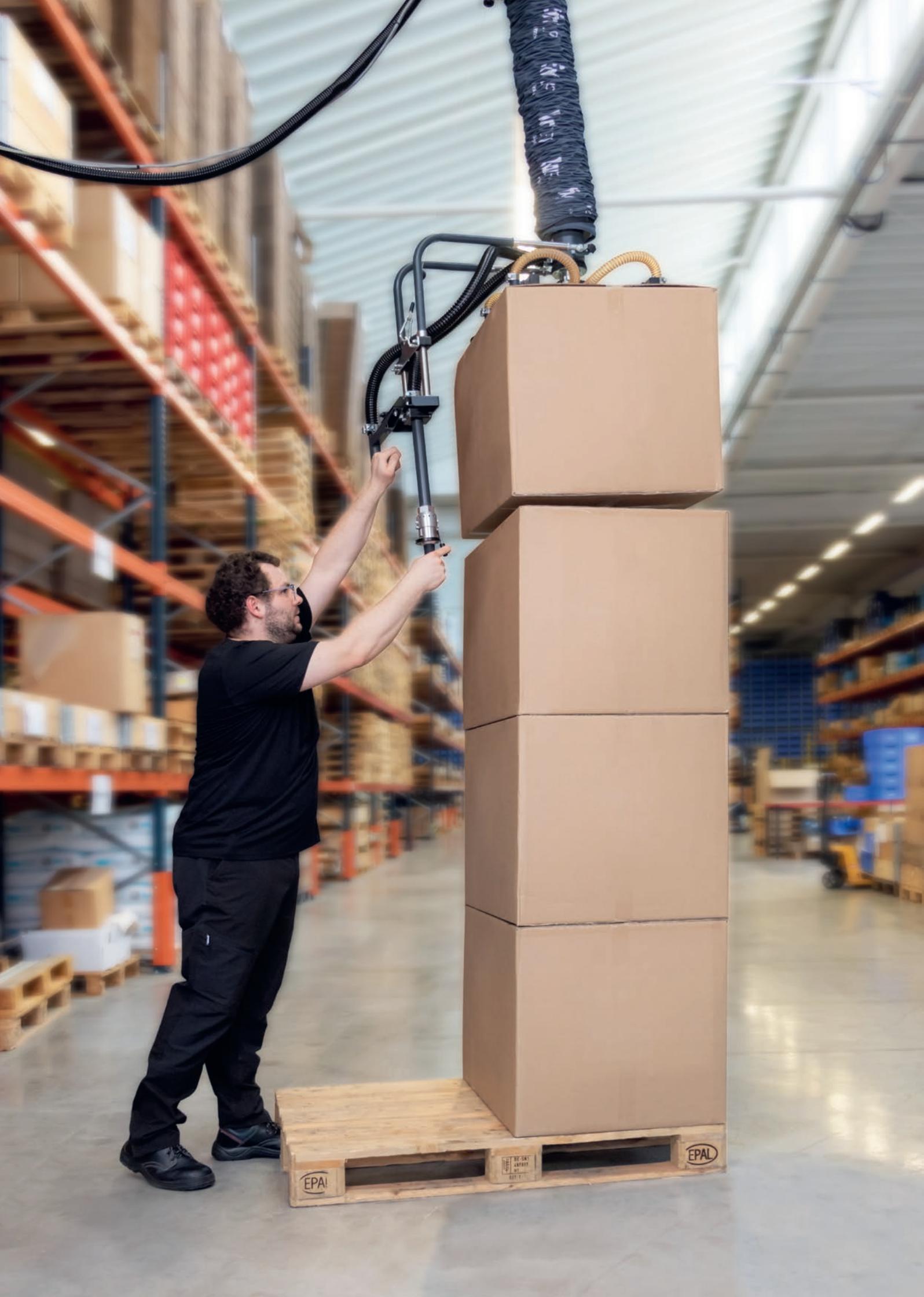
- Remote control for switching the vacuum pump On/Off

## 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



# tim® stackLIFT



UP TO 50 kg

## 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.

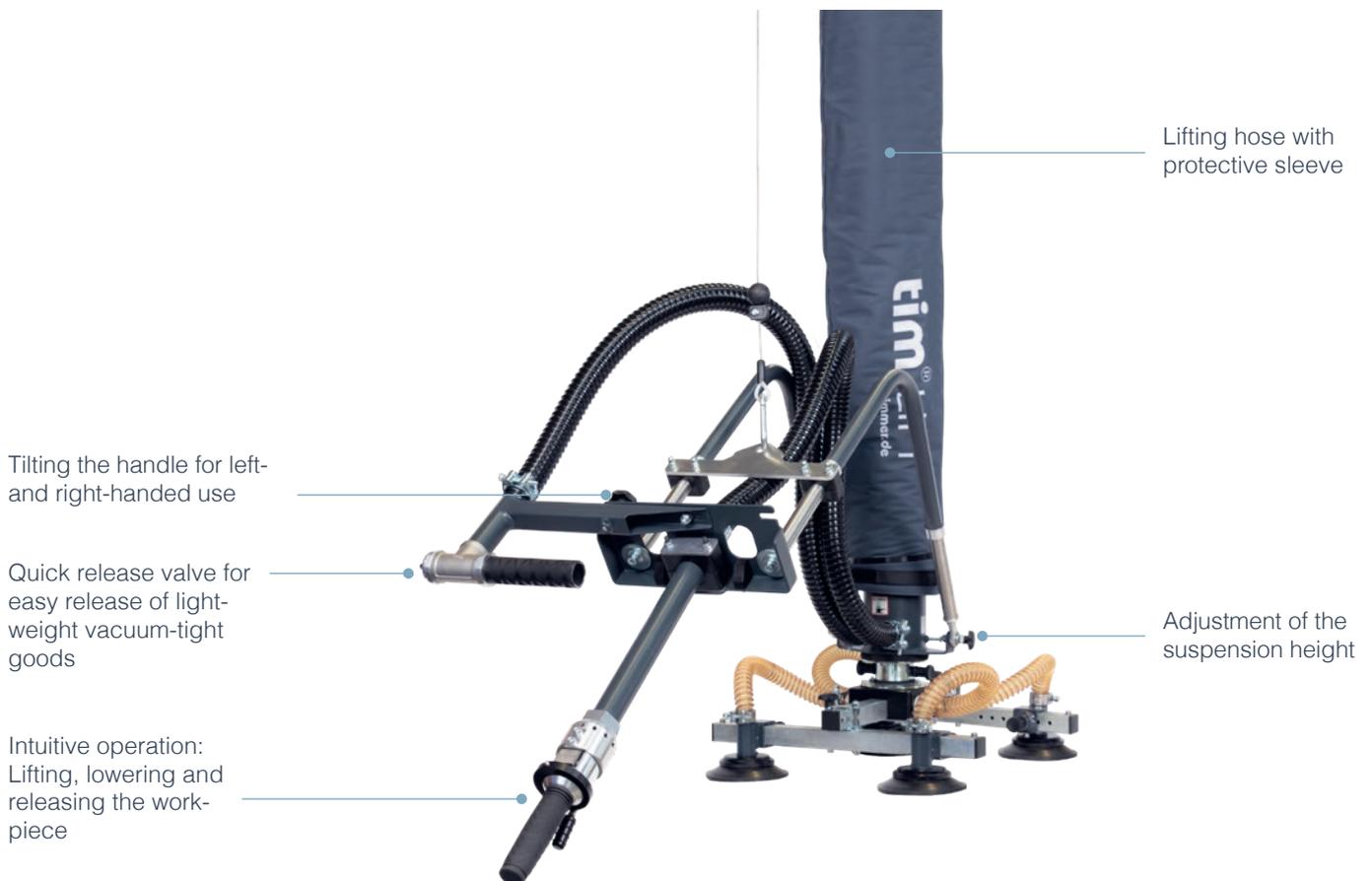
The stackLIFT enables lifting goods close to the floor in an upright body posture. The system is designed for a stacking

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



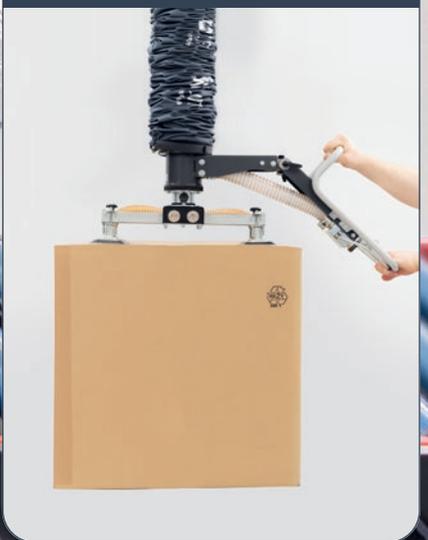
Round suction cup



Hook adapter



Suction traverse



# tim® lightLIFT



UP TO 50 kg

## 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.

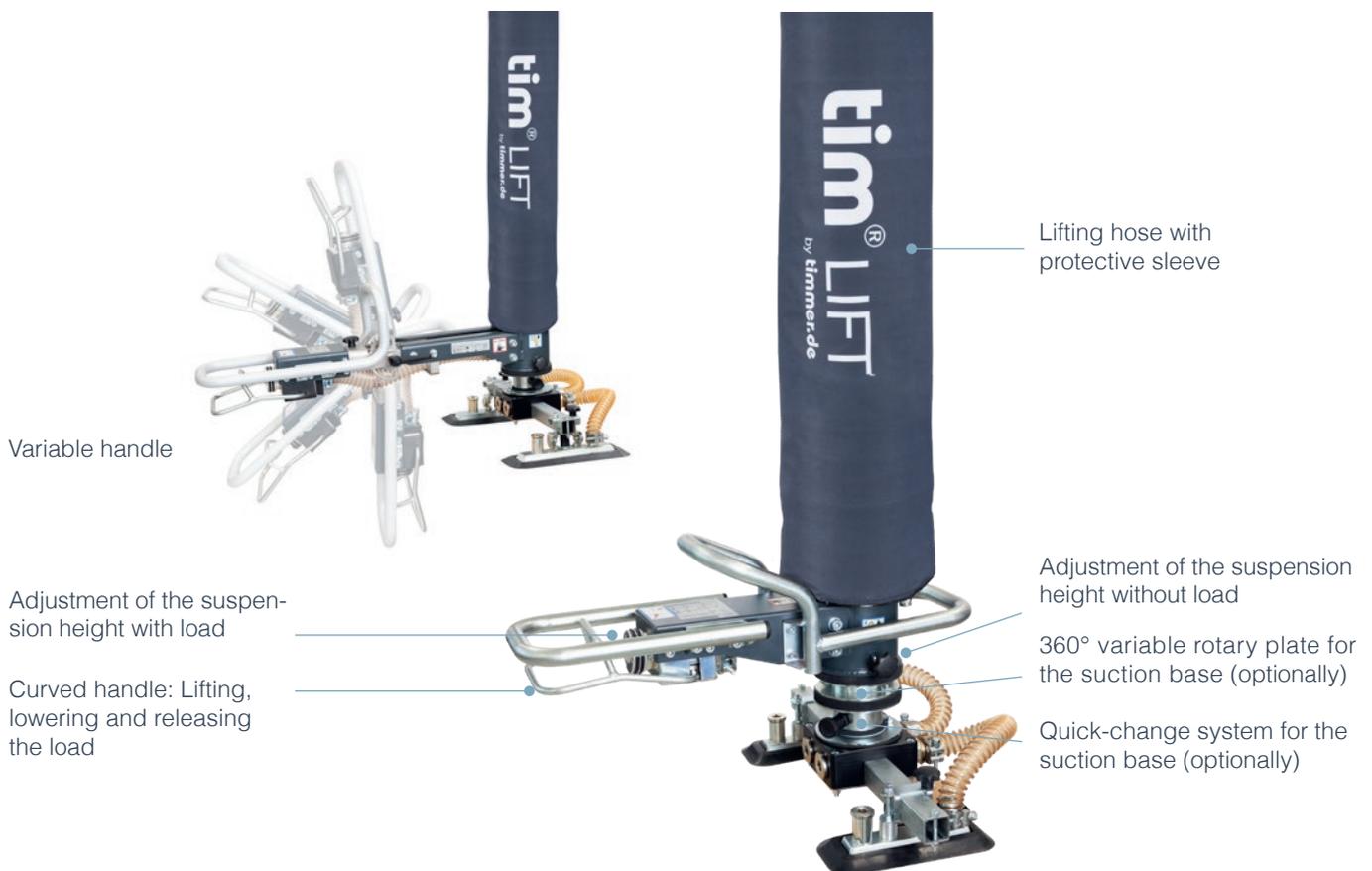
The lightLIFT vacuum hose lifter is handled via a two-hand operation design, which is selected specifically for your applications.

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



Operating unit wide handle with slewing traverse



# tim<sup>®</sup> heavyLIFT



UP TO 300 kg

## 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.

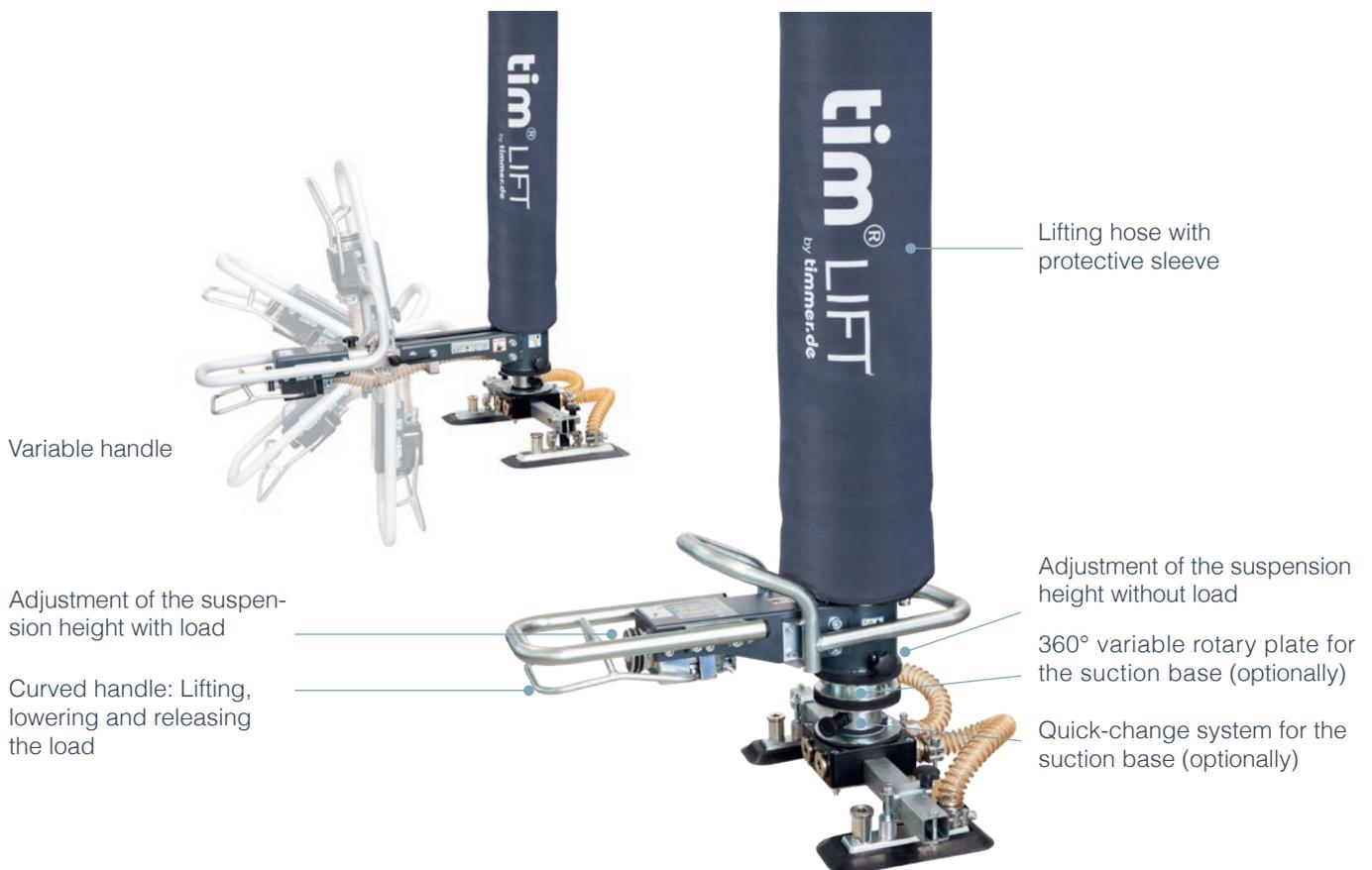
The heavyLIFT vacuum hose lifter is handled via a two-hand operation design, which is selected specifically for your applications.

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

**Accessories**

**Quick-release couplings**



for fast exchange of the suction bases

**Rotary plates**



for 360° turning the load

**Angle adapters**



for slewing the load

**Remote control**



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

**Silencers**



for noise level reduction of vacuum blowers

**Protective cover**



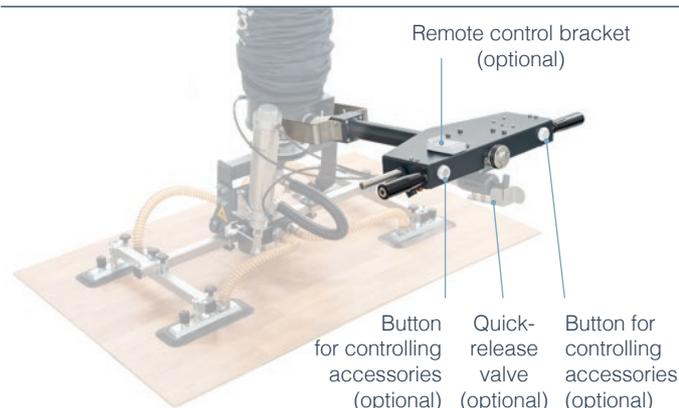
for vacuum pumps and vacuum blowers

**Special solutions / 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:

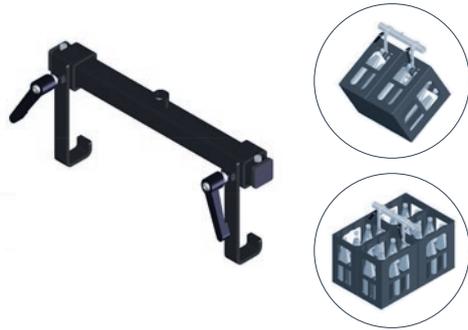
**Wide handle**



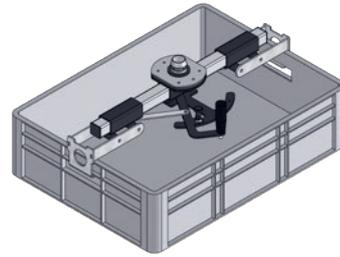
**Barrel turner**



## Crate gripper



## Crate lifter



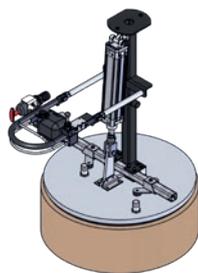
## Pipe lifter



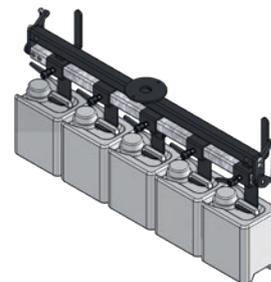
## Gallon handling



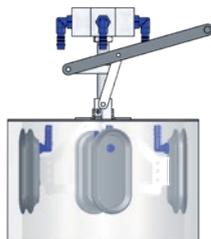
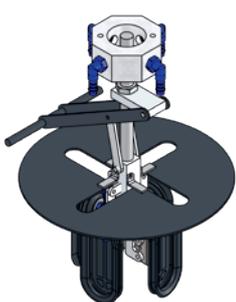
## Coil lifter for the use with hose lifters



## Hook traverse

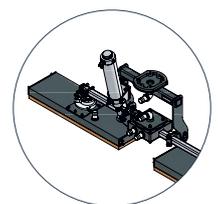
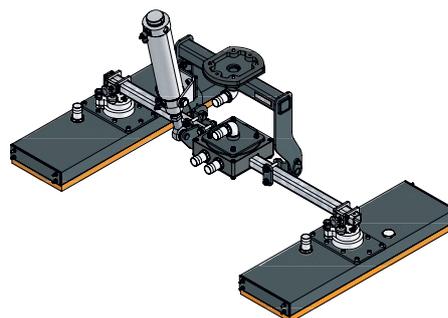


## Clamp-suction solution



Application example:  
Side view

## Suction traverses



Rotate 90°  
(inline position)



Vacuum lifting systems

**Application**

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

Thanks to the transvers beams and suction cups, which are likewise freely adjustable, tim®LIFT-Lifting cross beams 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 cross beams offer a lot of comfort at a good price.

Type	Image	Application	Load capacity
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**tim® basicLIFT**



up to 2000 kg

**tim® basicLIFT**



Lifting  
up to 2000 kg

Slewing  
up to 1000 kg

**tim® multiLIFT**



up to 700 kg



Type	Image	Application	Load capacity
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**tim®** coilLIFT



Lifting and slewing of coils

up to 500 kg

**tim®** accuLIFT



Lifting without electric supply

up to 750 kg

**tim®** poroLIFT



Lifting and slewing of porous materials

up to 400 kg

Special solutions



Depending on the configuration

HIGHER LOAD CAPACITIES ON REQUEST!



**CIM LIFT**  
by timmer/abo

**Crane systems**

### Pillar-mounted jib crane

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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

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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.



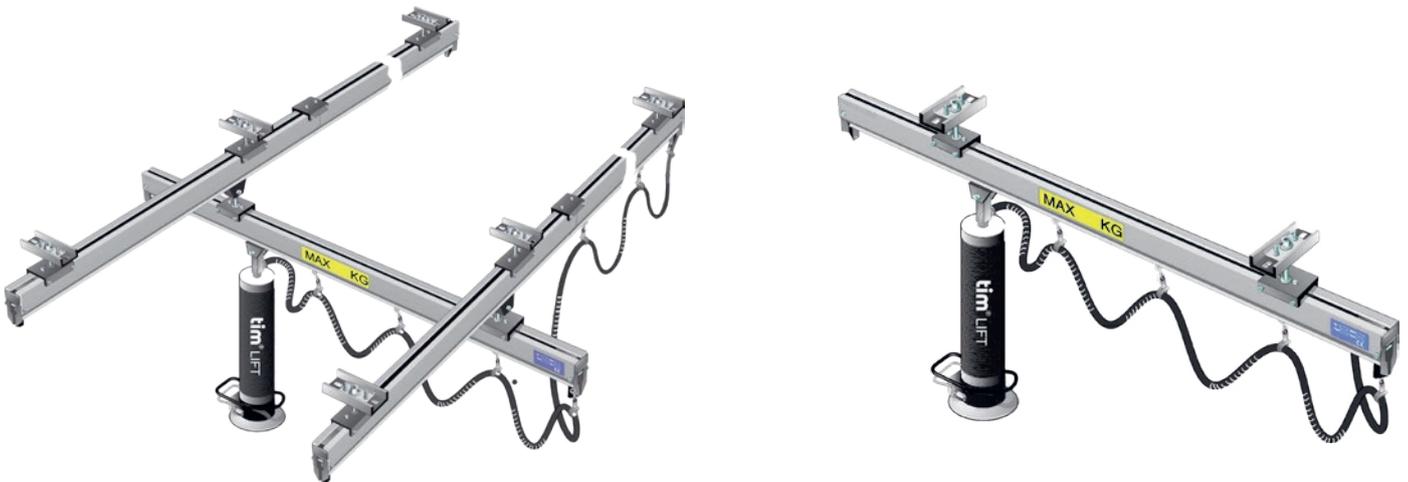
### Mobile pillar-mounted crane

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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 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



## WE ARE REPRESENTED INTERNATIONALLY:



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

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