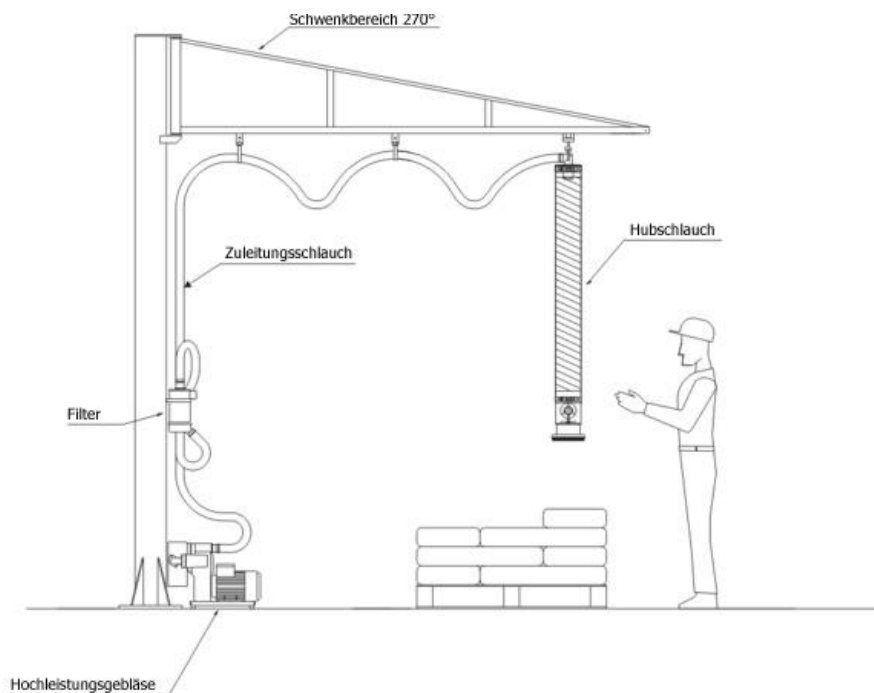


## Vacuum lifting units

Damage-free gripping of cartons, sacks, barrels, foodstuffs, pharmaceutical products and much more.  
The vacuum hose lifter meets the latest safety requirements specified in EN 14238:2004.

- **Hose lifters **MAXI / MULTI Lift****  
Lifting capacity 300 Kg



## AERO-LIFT Vacuum lifting units

Processing machines can be loaded and unloaded without causing damage using AERO-LIFT vacuum lifters. The vacuum lifting unit meets the latest safety requirements specified in EN13155.

- **Vacuum lifting unit - standard**

For horizontal transportation

Lifting capacity from 150 to 32000 Kg



## AERO-LIFT Vacuum lifting units

- **Vacuum lifting unit – pivoting range 90°**  
Transported materials can be pivoted through 90° with these units.  
Lifting capacity from 100 to 1000 Kg



- **Vacuum lifting unit - turning 180°**  
Enables processing from 2 sides. Transported materials can be pivoted from 0 to 180° with ease.  
Lifting capacity from 100 to 1000 Kg





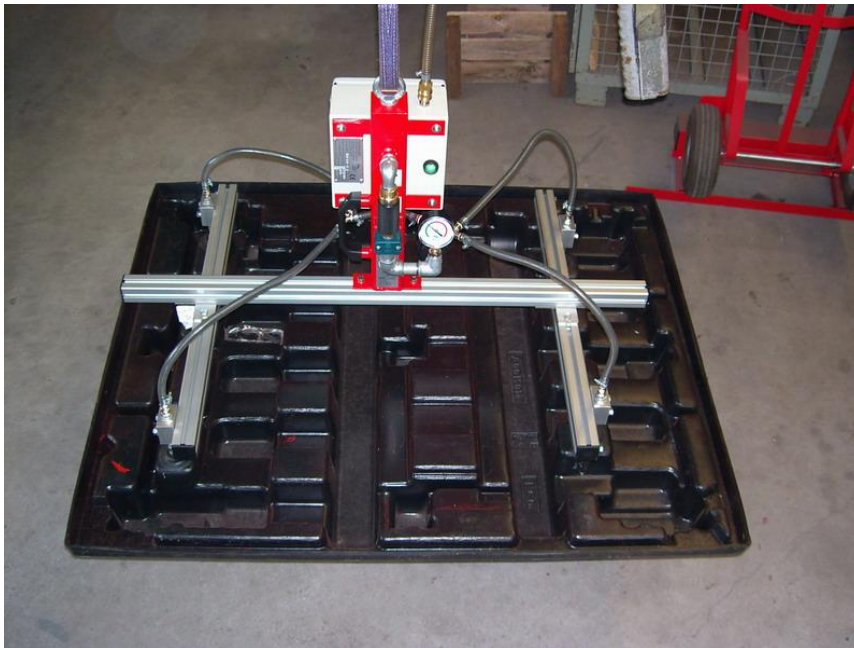
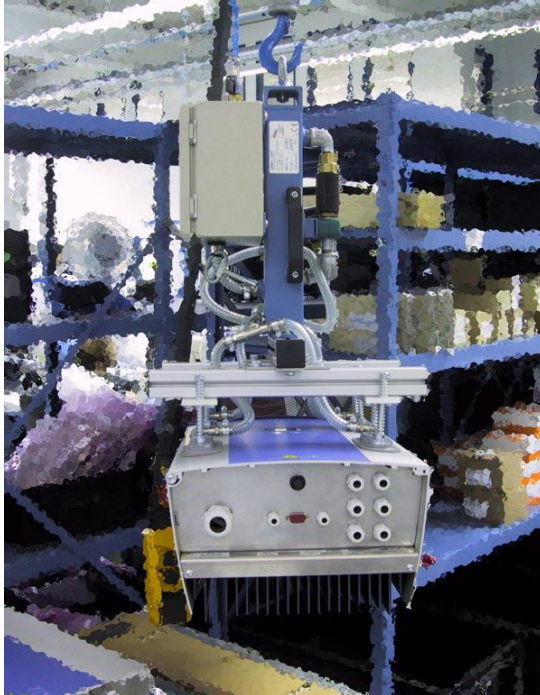
..and the things are on the way up!  
AERO-LIFT Vakuumtechnik GmbH



## AERO-LIFT Vacuum lifting units

- **AERO-LIGHT with ejector**

The new AERO-Light vacuum lifting unit is a real alternative for weights up to 100 kg.





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**AERO-LIFT Vacuum lifting unit Cladboy**  
 Mains-free lifting unit for laying roof and wall panels.

- **AERO-LIFT CLAD BOY**  
 Horizontal and vertical lifting from roof and wall panels  
 Lifting capacity 250kg

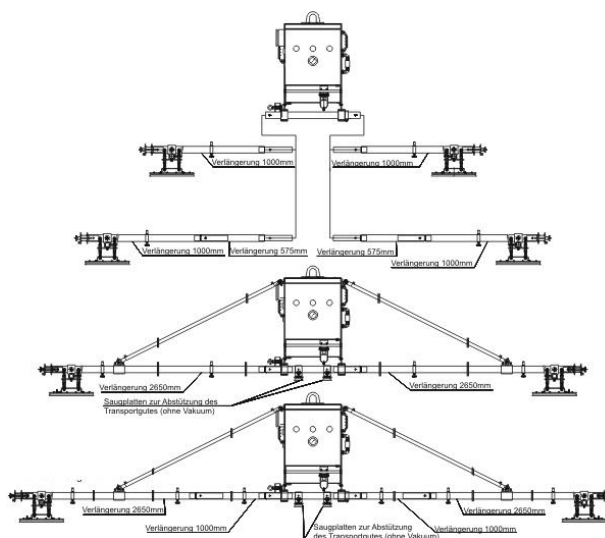


**CLAD BOY 3m**  
 Panels 12meters

**CLAD BOY 4m**  
 Panels 14meters

**CLAD BOY 6m**  
 Panels 6meters

**CLAD BOY 8m**  
 Panels 18meters



## AERO-LIFT Applications areas

The new AERO-Light vacuum lifting unit is a real alternative for weights up to 100 kg. Numerous handling tasks involving lifting, moving, pivoting and turning can be realised with AERO-LIFT lifting units and hose lifters. This applies for the most varied workpieces, smooth or rough surfaces and different transportation tasks. We have compiled a variety of application examples in which AERO-LIFT lifting units and hose lifters are used and demonstrate their effectiveness:



### Sheetmetal

Transfer of metal sheets of up to 20000kg sheet weight with different formats in the same position. Primarily the transfer during the machining process when loading and emptying machine tools (cutting, punching and nibbling). Pivoting 0 – 90° or turning 0 – 180° is also realised with vacuum technology to achieve safe process material flow optimisation.



### Wood

Loading of machining centres, handling of wooden boards and Euro pallets. Movement of door leaves. Handling of prefabricated wooden building elements



### Automobile construction

Handling of side parts, roof elements during both production and final assembly. Lifting and positioning of irregular shaped parts (fuel tanks) with flexible suction grippers, also with adjustable suction cups.



### Furniture

Lifting and moving of porous and sealed (waterproof) boards. Shelf removal, loading / unloading of production machines / board dividing saws / machining centres.



### Cartons

Palleting and stacking of cartons in stores and dispatch area. Simultaneous removal of several cartons or entire pallet layers in a single operation.

## AERO-LIFT Applications areas



### Sacks

Palleting/depalleting, raising, conveying and depositing of sacks made of different materials. (plastic, paper..) Also handling of underfilled sacks. Filling of processing machines.



### Barrels

Transfer and positioning of barrels with different sizes. Barrel gripper with manual turning unit. Quick-change suction plates (for adaptation to different barrel diameters)



### Foodstuffs

Processing of foodstuffs through raising, moving, pivoting, positioning and filling with vacuum lifters. Frequently in stainless steel design.



### Laser cutting system

Careful, damage-free loading of laser cutting systems with vacuum lifting units.



### Boxes, housings

Transportation and handling of housings, cabinets or box-shaped parts during assembly and packaging.



..and the things are on the way up!  
AERO-LIFT Vakuumtechnik GmbH



## AERO-LIFT Applications areas



### Electrical and electronic devices

Transportation and packaging of electrical devices and fitting of server cabinets with plug-in components.



### Glass

Transportation and pivoting of glass panes during packaging or fitting of panes.