AERO **PORO**
AERO **TIMBER**

... and all common heavy lifting work in a joinery or a carpentry can be carried out without tiring and by one person only.

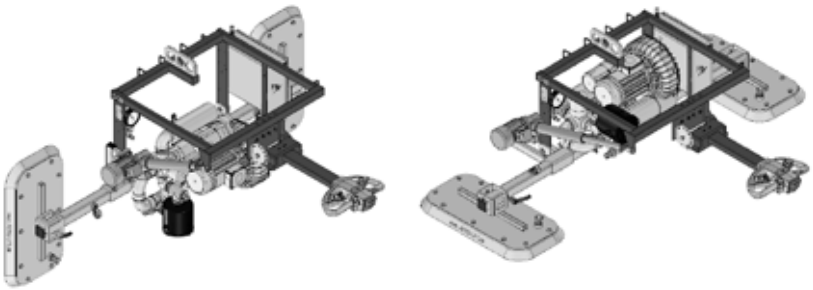
LIFTING
FIXING*MOVING*
VACUUM LIFTING TECHNOLOGY

AERO PORO

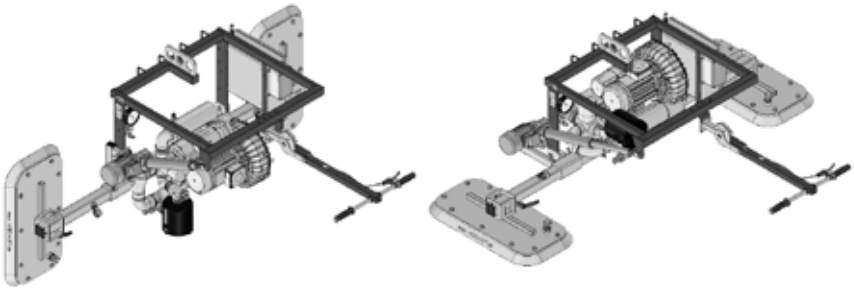
The **AERO-PORO**s are perfect for furniture manufacturing, joinery, carpentry, any kind of woodworking or woodtrading companies where sheets or panels have to be moved regularly.

With **AERO-PORO**s you can effortlessly lift panels up to approx. 5.10 x 2.50 m from only one person - regardless whether these panels are permeable to air or airtight. Thus, e.g. solid wood panels, chipboard and laminated chipboard, MDF, HDF, OSB, plywood, plasterboard, gypsum fibreboard and also polystyrene boards or plastic boards.

AERO **PORO 300/2L-90°-P-NB**



Vacuum/Release/Swivel
with ergonomic handle with lifting magnet [Article No. 1030782]



Vacuum/Release/Swivel radio controlled
with height-adjustable handle with latch pin [Article No. 1030783]
or
Vacuum/Release/Swivel/Crane radio controlled
with height-adjustable handle with latch pin [Article No. 1030784]

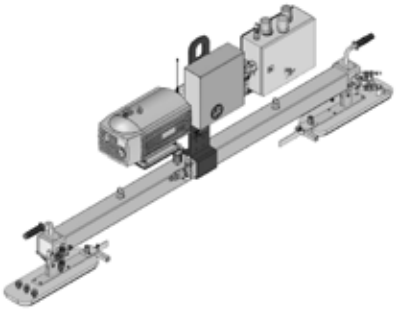
Device	Article No.	Net Weight (kg)	Total height (mm)	Length main beam (mm)	Lifting capacity* (kg)	Goods to be transported min. – max. length (mm)	Goods to be transported min. – max. width (mm)
AERO PORO 300/2L-90°-P-NB Vacuum/Release/Swivel with ergonomic handle with lifting magnet	1030782	215	ca. 735	2000	300	1600 - ca. 5100	800 - ca. 2500
AERO PORO 300/2L-90°-P-NB Vacuum/Release/Swivel radio controlled with height-adjustable handle with latch pin	1030783	205					
AERO PORO 300/2L-90°-P-NB Vacuum/Release/Swivel/Crane radio controlled with height-adjustable handle with latch pin	1030784						

** Lift force at a vacuum of 20 %. The load capacity is reduced by 15 kg/10 mbar (1%) achieved end vacuum.*

AERO TIMBER

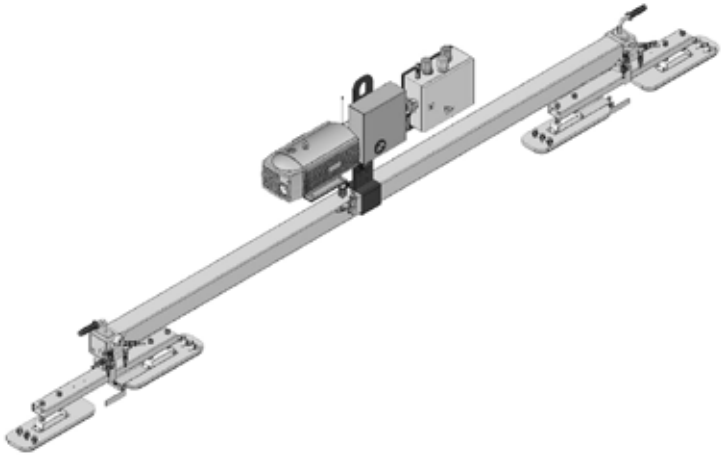
The **AERO-TIMBER** are designed for long material up to approx. 13 m in length and approx. 48 cm in width. For example glued-laminated timber, solid structural timber, rough sawn beams, but also unedged wood. Due to the 3 individually lockable chambers in each suction plate, frames from only 8 cm in width and also unedged wood with core cracks in the middle of the board can be lifted.

AERO **TIMBER 300/2M 3K**



Vacuum/Release radio controlled [Article No. 1030785] or
Vacuum/Release/Crane radio controlled [Article No. 1030786]

AERO **TIMBER 600/4M 3K**



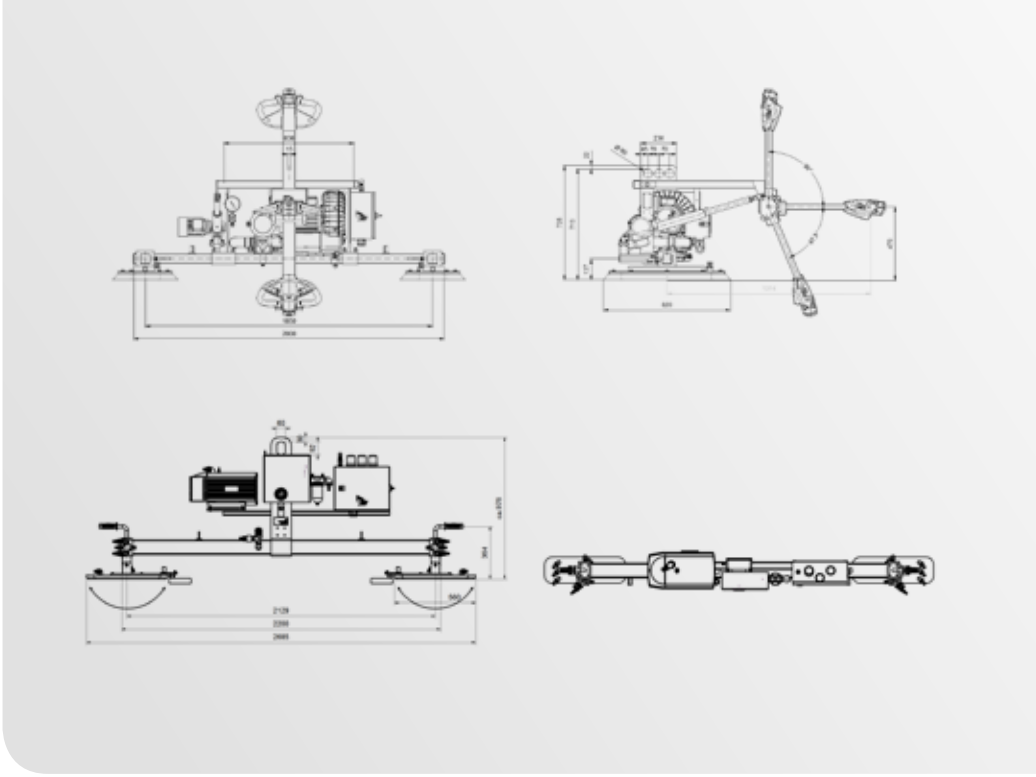
Vacuum/Release radio controlled [Article No. 1030787] or
Vacuum/Release/Crane radio controlled [Article No. 1030788]

For both types of devices **AERO-TIMBER** and **AERO-PORO** the already existing factory crane can be controlled via the radio remote control of the device.

For this purpose, the control of the factory crane is integrated into the control of the device. That means, all functions of the crane (lifting, lowering, right, left, forward, backwards) and all functions of the vacuum lifting device (vacuum, release, 90° swiveling) can conveniently be controlled with one single radio remote control only.

Device	Article No.	Net Weight (kg)	Unit width at the pump (mm)	Total height (mm)	Length main beam (mm)	Lifting capacity* (kg)	Goods to be transported min. – max. length (mm)	Goods to be transported min. – max. width (mm)
AERO TIMBER 300/2M 3K Vacuum/Release radio controlled	1030785	150	260	ca. 980	2200	300**	1200 - ca. 13000	80 - ca. 480
AERO TIMBER 300/2M 3K Vacuum/Release/Crane radio controlled	1030786							
AERO TIMBER 600/ 4M 3K Vacuum/Release radio controlled	1030787	255	280	ca. 1115	4000	600***		
AERO TIMBER 600/ 4M 3K mit Funk für Saugen/Lösen/Kransteuerung	1030788							

The middle suction chamber has a width of 80 mm.
** Lift force at a vacuum of 60%. If the outer suction chambers are closed, the carrying capacity of the unit is **120 kg, *** 240 kg*



- AERO-LIFT vacuum lifting devices are designed and built in compliance with the applicable safety standards according to EN 13155 and ASME B30 and are tested and documented according to the applicable accident prevention regulations BGR 500 and the machinery directive 2006/42/EG, annex II A!
- The final acceptance tests are carried out in compliance with VDE 0113 and EN 60204.
- We offer to determine the maximum load-bearing capacity for your very special cargo by a representative sample test at AERO-LIFT.
- All welding work is carried out according to the applicable standards in a professional way.
- Verifiable statics are given.

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LIFTING
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