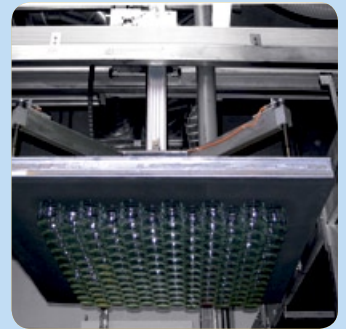
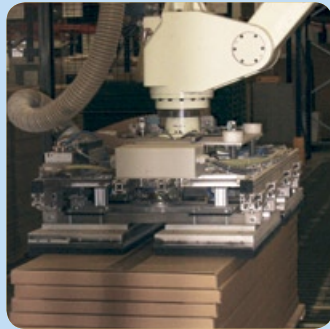


AERO LIFT V_{ACUUM} U_{NIT} S_{ENSING} S_{YSTEM}



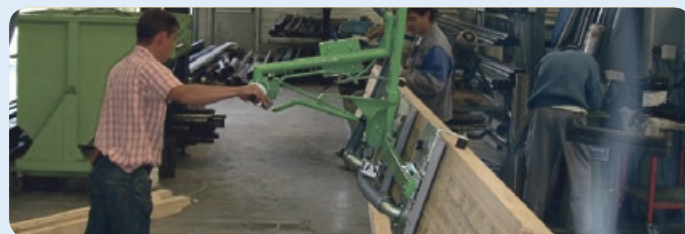
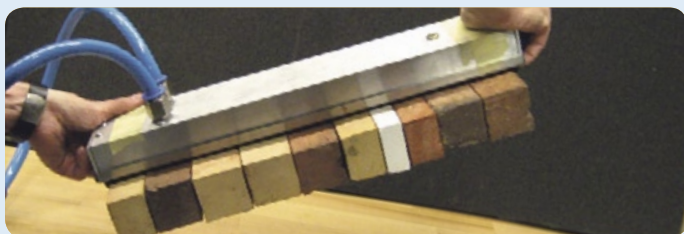
flexible process automation with vacuum gripper

Furniture · Boxes · Chemicals · Food · Pharmaceuticals · Packaging · Wood · Glass · Sawmill
Cans · Bottles · Robots · Paper · Logistics · Automation · Crates · Industry

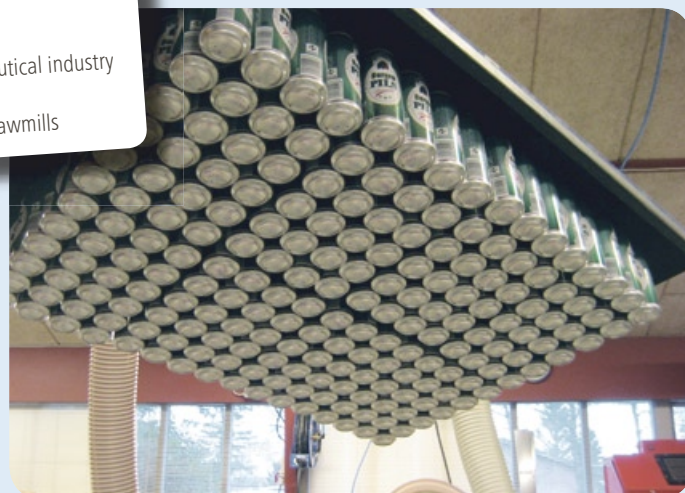
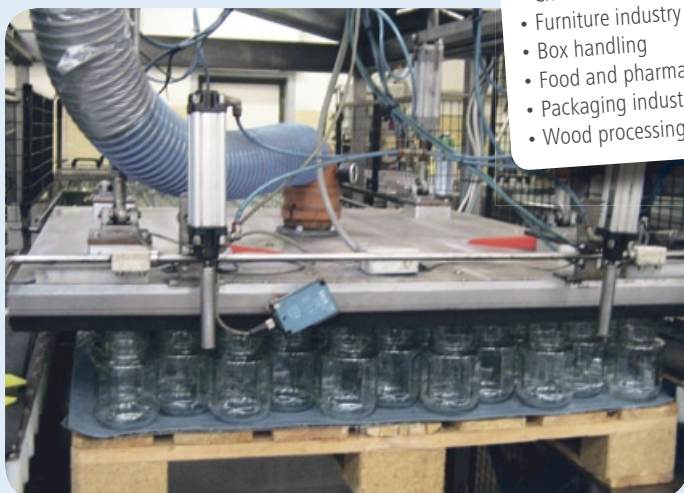


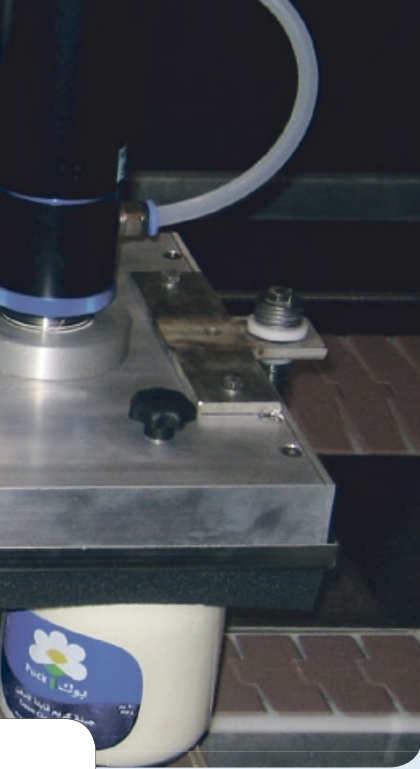


vacuum grippers make processes more efficient



- Ideal for**
- Metal
 - Plastic
 - Chemicals
 - Furniture industry
 - Box handling
 - Food and pharmaceutical industry
 - Packaging industry
 - Wood processing, sawmills



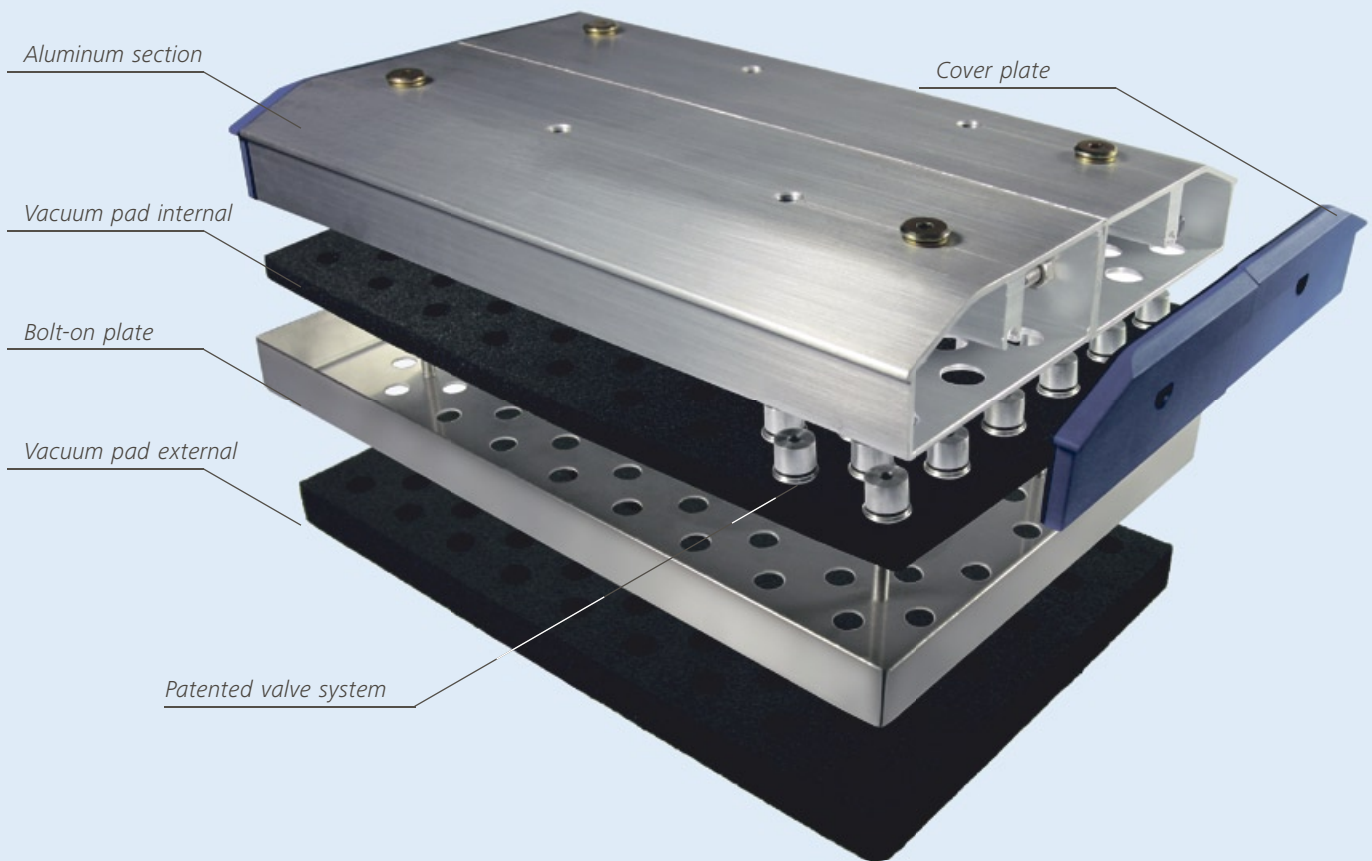


Great Power Reserves

Holding force in kg*:

Width / Length	L: 200	L: 400	L: 600	L: 800	L: 1000	L: 1200
W: 100	20	40	60	80	100	120
W: 200	40	80	120	160	200	240
W: 400	80	160	240	320	400	480
W: 600	160	320	480	640	800	960
W: 800	320	640	960	1280	1600	1920
W: 1000	480	960	1440	1920	2400	2880
W: 1200	600	1200	1800	2000	3000	3600

* at 50% vacuum, inherently stable material being handled and full load



Dare to brave the gap? – No problem with AERO-LIFT®!

Not only uneven, structured surfaces but also undefined pick-up positions and varying dimensions can be easily be handled with the aid of the VUSS vacuum gripper.

Be it in logistics, small trade or industry. AERO-LIFT® VUSS facilitates the use of vacuum lifting equipment now for your materials – **regardless of whether a pallet of cans is not full or there is a pile of wooden boards laying loosely together or**

every workpiece has an individual, different size.

The AERO-LIFT® product development focused exactly on this problem and offers a wide variety of approaches for making the processes more cost-effective, reliable and quicker. And the basic principle is actually simple: The robot not only grips the material that it to be handled but also picks it up by means of suction. In doing so, it does not need to recognize whether there

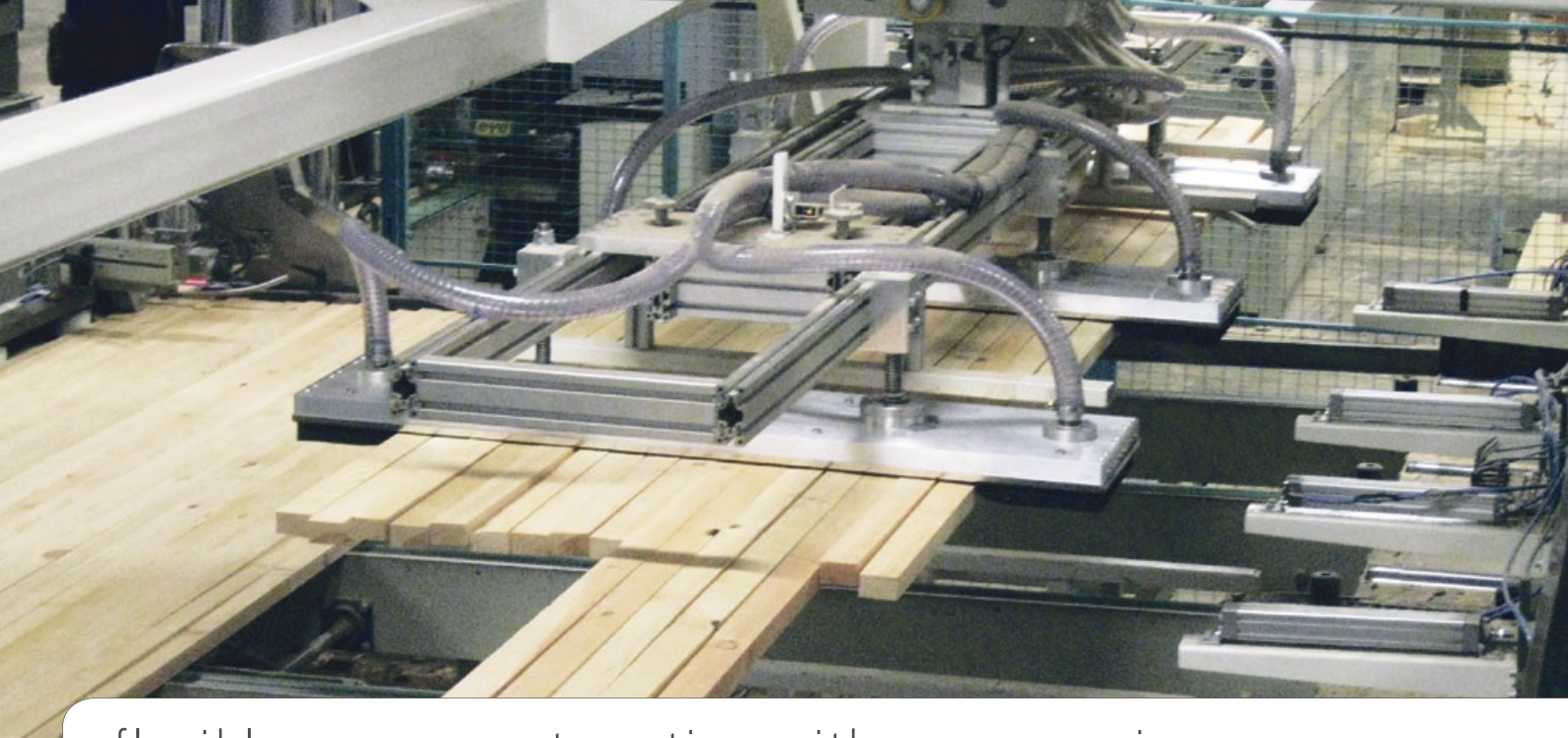
are holes or if the material is slanted or comprises multiple parts. The AERO-LIFT® VUSS, which can activate and deactivate many small suction pads using flow control valves, constantly generates a vacuum and the material can be moved safely and completely automatically to its destination.

There are far more than 100 possible variations, resulting from the different sizes, perforations and the different valves. That ensures maximum flexi-

bility and low energy consumption. For the AERO-LIFT® VUSS we only use high-quality, durable materials, which significantly reduce the set-up time of the robots while saving operation time and thus making your processes even more efficient.

More information about AERO-LIFT® VUSS is available at www.aero-lift.de





flexible process automation with vacuum gripper



AERO-LIFT international



To find a contact person in one of our offices close to your region in Germany and in many countries around the globe, please check www.aero-lift.de



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