

HANDLING HEAVYNESS!

SPECIAL VACUUM SYSTEMS...

Our engineers and technicians are at your disposal in order to realize the vacuum system the best adapted to your technical requirements and environment.



Vacuum system for the perfect handling of aluminum bars



Large vacuum beam with a maximum load capacity of 12 t for heavy steel plates or sheets



Vacuum system equipped with a 1400 x 1400 mm gasket and a peak load of 10 t for horizontal or vertical stocking of heavy steel plates or sheets



Handling system for aluminum blocks with a maximum load of 10 t



Large-sized vacuum beam with a peak load of 12 t, equipped with level compensation for steel sheets with a high ripple content



Multi-functional vacuum beam for the handling of aluminum blocks

We design and realize your vacuum system according to your technical requirements.
Do not hesitate and contact Acimex!

+33 (0) 2 47 25 57 85



Z.I. Les Aubuis - 26 rue Paul Langevin - 37550 Saint-Avertin - France

Tel : +33 (0)2 47 25 57 85 - Fax : +33 (0)2 47 37 13 66 - e-mail : contact@acimex.net

www.acimex.net



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Lifting Spirit



GIANT MODULIFT®

Vacuum Handling



HANDLING HEAVYNESS!

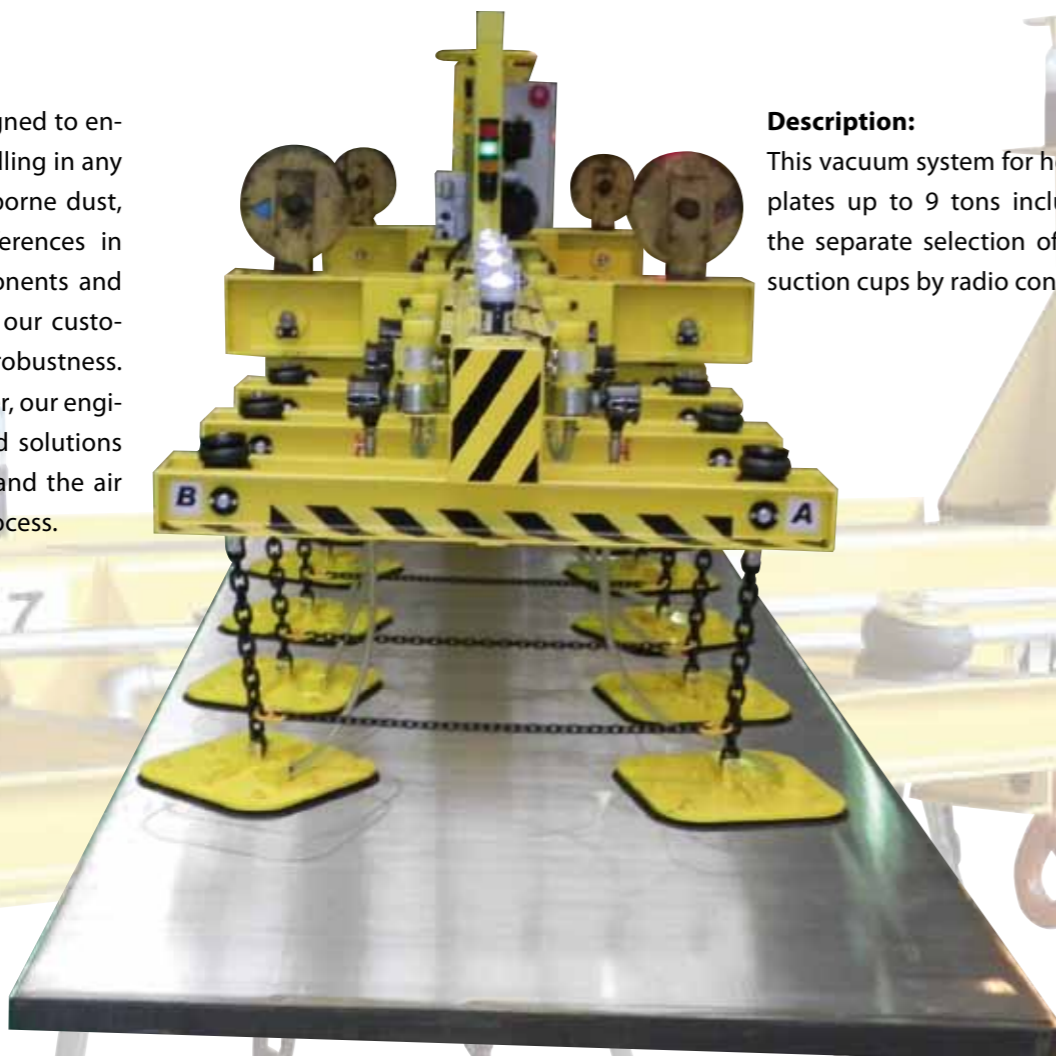


Acimex designs and fabricates vacuum beams of exceptional dimensions that may be perfectly integrated into the steel industry working process. These vacuum beams ensure sheet gripping out of a rolling mill or oven, where temperatures reach more than 250°C. At the curing exit, shock absorbers compensate wave deformations of 200 to 400 mm caused by thermal shock. Polyamide filtration, stainless connexions and electromagnetic valves as well as vacuum pumps with air ballast ensure firm sheet gripping even in the presence of water.

The telescopic versions and the ability to select the groups of suction cups by electromagnetic valves allow the gripping of multiple formats up to more than 36 meters length. Our range of suction cups equipped with internal and external gaskets allows full-failsafe gripping even in case of external profile deterioration. We design interfaces and interconnections adapted to all types of overhead cranes. For more than 40 years, customers from all over the world have put their trust in Acimex - because we listen and take care of their requests for XXL sized vacuum systems. You too, trust the real specialist.

HEAVY LOAD SYSTEMS...

Our vacuum beams are designed to ensure long-time and safe handling in any work conditions such as airborne dust, humidity, high, low or differences in temperature etc. Our components and assemblies are approved by our customers for their reliability and robustness. In order to grip plates in water, our engineers suggest acknowledged solutions for the separation of water and the air necessary for the vacuum process.



Description:
This vacuum system for heavy plates up to 9 tons includes the separate selection of the suction cups by radio control.

CAPACITIES AND PERFORMANCES

- Maximum load: 8 t
- Length: 9000 mm
- Separate selection of suction cups by radio control
- System adapted for stainless steel plates of 12 000 mm x 3500 mm

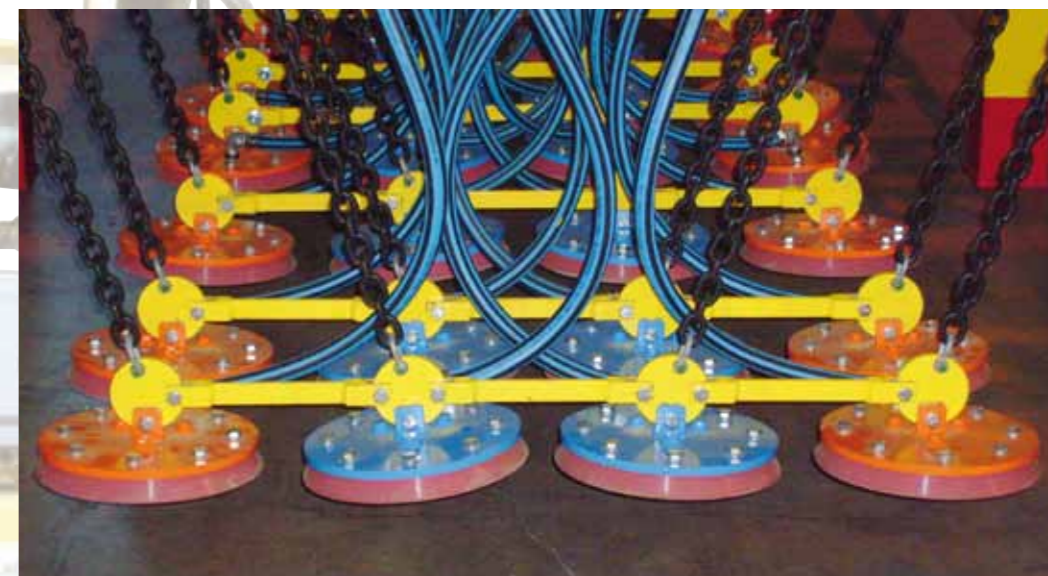


For each of your projects, we propose adapted solutions that meet your requirements. You need to handle hot plates - we have the appropriate gasket that resists up to 300°C. Your working conditions are restricted concerning dimensions - we will design a telescopic or lattice vacuum solution.

TELESCOPIC VACUUM BEAMS ...

OUR ADVANTAGES:

- Safe handling of heavy objects
- Focused customer service
- Simplified maintenance due to our standard and interchangeable components and assemblies



CAPACITIES AND PERFORMANCES

TELESCOPIC VACUUM BEAM

- Dimensions:
- Folded = 11,5 m
- Fold out = 18 m
- Aluminium plate
- Maximum load 25 t

High temperature silicon gasket up to 320°C



80 suction cups with diameter of 310 mm



Telescopic beam