

▶ Vacuum tube lifter JumboFlex for lifting cardboard boxes

▼ Vacuum tube lifters JumboFlex for handling packages in goods receiving and shipping



The Right Solution for any Task.

Vacuum handling systems from Schmalz are used in a wide variety of industries to ensure efficient material flows. Our many years of experience and our close relationships with our customers mean we understand your processes, which allows us to produce products to meet the highest standards. They allow loads to be handled faster and more securely while protecting both the materials and your employees. At your request, Schmalz can provide you with a complete workplace solution consisting of a handling system and a crane designed to work perfectly with that system.



LOGISTICS

Flexible Handling Solutions for Intra-Logistics and Distribution Logistics

Whether in the goods receiving or shipping area, production logistics or in a parcel distribution center – anywhere goods are moved quickly and frequently, the vacuum tube lifter Jumbo ensures efficient material flows while easing the burden on your employees.



Vacuum tube lifters JumboErgo for lifting cardboard boxes



Vacuum tube lifter JumboFlex for commissioning cardboard boxes of varying sizes and qualities in distribution logistics



Vacuum tube lifter JumboErgo for packaging goods into boxes and handling the sealed boxes



Vacuum tube lifter JumboFlex High-Stack for safe handling of various workpieces at stacking heights of up to 255 cm



WOOD

Efficient Machine Loading for all Types of Wooden Boards

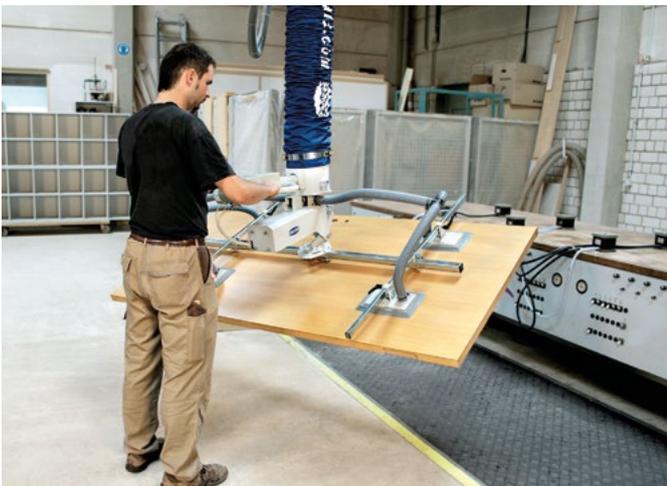
The woodworking industry has relied on Schmalz handling systems for decades. They are used in combination with CNC machining centers or panel saws to ensure efficient operation and can fulfill the most demanding requirements, such as turning or swiveling workpieces.



Vacuum tube lifter JumboErgo for loading and unloading a CNC machining center



Vacuum lifting device VacuMaster Comfort for turning coated wooden boards by 180°



Vacuum tube lifter JumboErgo with 90° swivel angle for loading a CNC machining center



Vacuum lifting device VacuMaster Multi with 90° swivel angle for handling heavy, porous wooden boards



GLASS

The Highest Level of Security and Precision

Fragile windows and glass sheets require an especially gentle handling process. Vacuum handling allows a single person to easily move even heavy glass components without the risk of breakage.



VacuMaster Window Comfort for handling windows, glass panes and glass components up to max. 500 kg



VacuMaster Window for vertical handling of glass elements



VacuMaster Window Comfort for loading and unloading a glazing press



VacuMaster Comfort for turning a glass sheet by 180°



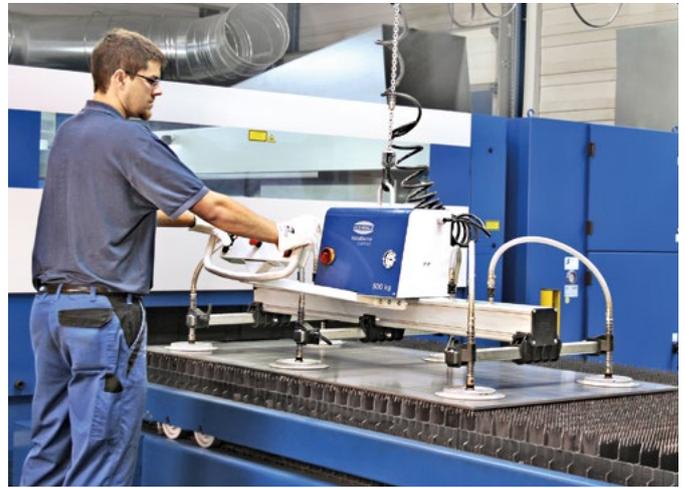
METAL AND SHEET METAL

Increase Production Efficiency with Effective Machine Loading

Using Schmalz handling systems to load and unload punching machines, bending machines or CNC laser cutting systems reduces downtime while protecting the surface of sensitive workpieces. They can also be used to optimize handling of metal sections and coils.



Vacuum lifting device VacuMaster Basic for loading and unloading a laser cutting machine



Vacuum lifting device VacuMaster Comfort for loading and unloading a laser cutting machine



Vacuum lifting device VacuMaster Coil with 90° swivel angle for handling coils



Vacuum lifting device VacuMaster Eco for energy-independent handling metal parts



AUTOMOTIVE

Move Goods Quickly and Easily

In manufacturing workflows manual processes occur such as loading and unloading of presses, handling of boxes and small load carriers in in-house logistics and supplying components to the line. Vacuum lifters relieve operators of the weight of the workpieces, allowing them to work ergonomically.



Vacuum tube lifter JumboFlex for handling windshields



Vacuum tube lifter Jumbo Low-Stack for handling raw rubber bales



Vacuum tube lifter JumboFlex with pneumatic mandrel gripper for handling wheel rims



Vacuum tube lifter JumboFlex Battery for handling batteries



CHEMICALS AND PHARMACEUTICALS

Reliable Handling of Goods in Potential Hazard Zones

In the chemical and pharmaceutical industry, safety is of the utmost importance when handling loads. Schmalz products allow bags, barrels, buckets and jugs to be handled smoothly and efficiently. Special solutions are available for explosion protection areas (see page 23).



Vacuum tube lifter JumboSprint Ex for handling bags in an explosion protection zone



Vacuum tube lifter JumboErgo with mechanical gripper for handling jugs



Vacuum tube lifter JumboFlex for palletizing plastic bags



Vacuum tube lifter JumboSprint for handling barrels



The Right Handling Solution for any Task

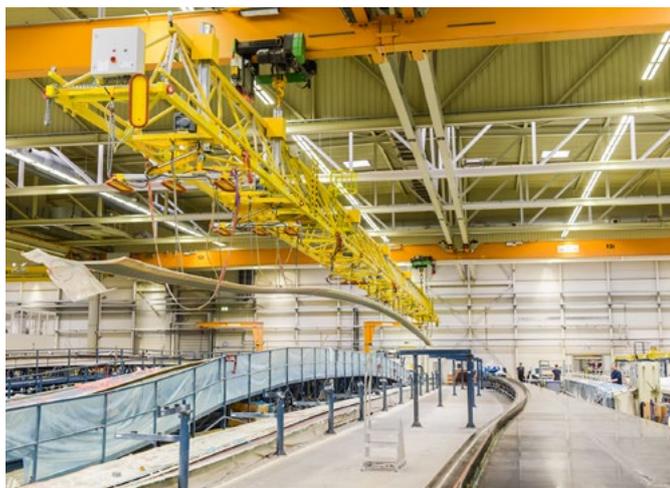
Schmalz handling systems ensure efficient material flows in a number of other industries: From universally applicable standard devices to customer-specific solutions, Schmalz is your partner for vacuum handling.



Beverages | Vacuum tube lifter JumboErgo with mechanical grippers for lifting and turning kegs



Solar | Vacuum tube lifter JumboErgo with 90° swivel angle for handling solar panels



Wind energy | Vacuum lifting device VacuMaster for GRP components in rotor blade manufacturing weighing several tons and up to 60 m in length



Airport | Vacuum tube lifter JumboFlex for handling of luggage pieces