



**New!**  
Lift capacity  
50 kg

## Vacuum Tube Lifter JumboFlex 50

Handle small and medium loads  
quickly and ergonomically

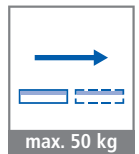
The new vacuum tube lifter JumboFlex 50 is the answer to current and future requirements for workplace ergonomics and occupational health and safety. Whether you are handling cardboard boxes, sacks, crates or buckets – the JumboFlex 50 is the ideal lifting aid for a wide variety of workpieces weighing up to 50 kg. The innovative one-hand operation ensures fast, ergonomic handling processes.



Vacuum tube lifter JumboFlex 50 used for order picking paper sacks

## Vacuum Tube Lifter JumboFlex 50

Handle small and medium loads quickly and ergonomically



### Application

Quickly and frequently moving workpieces weighing up to 50 kg in various logistics processes such as:

- Handling cardboard boxes, sacks, barrels, buckets, etc. in in-house logistics processes
- Handling small load carriers
- Order picking and sorting packages in postal logistics and mail-order business
- Sorting passenger luggage at airports
- Special model available for handling goods in the food product industry

### Your benefits

- Fast, ergonomic handling of workpieces weighing up to 50 kg
- Consistently high handling speeds for improved productivity
- Intuitive and easy to operate with one hand
- Encourages a back-friendly working posture
- Minimizes absences due to health problems
- Secure gripping with vacuum suction pads and mechanical grippers
- Flexible use with different suction pads that can be changed quickly



Vacuum tube lifter JumboFlex handling small load carriers



The ergonomic operator handle allows users to move loads precisely





## Operating element – Getting a handle on ergonomics

Schmalz developed this intuitive operator handle in cooperation with the Ergonomics faculty at the Technical University of Munich.



## Suction pads – Diversity is key of flexibility



### Round suction pad

For compact workpieces such as cardboard boxes, barrels, buckets, jugs or furniture cabinets.



### Round suction pad with skirt

For various sacks and shrink-wrapped packages.



### Double suction pad

For clamped, glued, strapped or open cardboard boxes and smaller wooden boards.



### Four head suction pad

For large cardboard boxes, wooden boards and other flat workpieces.



### Box gripper

For crates and small load carriers that meet the VDA 4500 standards (German Association of the Automotive Industry).



### Mechanical gripper

For quick handling of sacks.



### 2-in-1 gripper

Combination of a suction pad and a suspension hook for baggage pieces such as suitcases or bags.



### Multiple suction pad

For uneven workpieces such as foil trays or unstable cardboard boxes. The individual suction pads compensate for any unevenness.

# Vacuum Tube Lifter JumboFlex 50



Handle small and medium loads quickly and ergonomically

## Vacuum generation



### Vacuum pump EVE

Electric vacuum generator with increased suction rate for effective leakage compensation and short evacuation times.

## Accessories



### Radio remote control SRC

Users can press a button to switch off the vacuum generator right at the operator handle during breaks to decrease energy consumption by up to 40 %.



### Silencer box SBB

Reduces the sound level of the vacuum generator to 65 dB(A) and protects it from external contamination.



### Dust filter STF

Always recommended for protecting the vacuum generator from contamination; quick and easy to clean.

## Technical data

Type	Max. lift capacity [kg]	Workpiece format* [mm]		Max. lifting height [mm]	Max. lifting speed [m / min]	Max. suction rate [m <sup>3</sup> / h]		Lift tube Ø [mm]
		Minimal	Maximal			At 50 Hz	At 60 Hz	
JumboFlex 50-1500	50	200 x 200	2,000 x 1,000	1,500	60	67.0	77.0	120
JumboFlex 50-1800	50	200 x 200	2,000 x 1,000	1,800	60	67.0	77.0	120

\*Depending on the suction pad selected

## New JumboFlex 50 completes the tube lifter family

The JumboFlex 50 rounds out the tube lifter series that features one-hand operation. Following on the proven JumboFlex 25 and JumboFlex 35, Schmalz now offers the right handling solution for every application up to 50 kg.



### JumboFlex 50

One or two-fingered control for a better grip on light to medium loads of up to 50 kg.



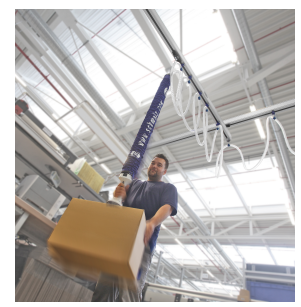
### Quick-change adapter

For quickly changing the gripper in just a few steps.



### JumboFlex High-Stack

Picking up and putting down cardboard boxes and sacks near floor level while keeping the body upright



### Overhead Crane Systems and Jib Cranes

High Level of Ergonomics due to Perfect Low Friction

Type	Max. lift capacity (horizontal)								
	20 kg	35 kg	50 kg	65 kg	85 kg	110 kg	140 kg	200 kg	300 kg
JumboFlex	→		→	→	→	→	→	→	→

辦工時間: 星期一至五  
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