



**New! One-Hand
Operation with
50 kg Lift Capacity**

Vacuum Handling Systems Vacuum Tube Lifter JumboFlex 50

Vacuum Tube Lifter JumboFlex 50



Ergonomic Assistant with New Features



Ergonomic lifting aids are always in demand, especially in the logistics. On the one hand, the global trade is increasing steadily. On the other hand, the demographic change promotes the awareness of ergonomics and health protection at work. The new vacuum tube lifter Jumbo Flex 50 from Schmalz is the answer to these developments. The derivative of the successful tube lifter series offers many more benefits besides the increased lift capacity of 50 kg.

Application

Frequent, quick and healthy handling of workpieces up to 50 kg in various logistics processes, such as:

- Picking and sorting of packages in the postal logistics and in online retail
- Handling of small load carriers
- Commissioning of passenger luggage at the airport
- Handling of cardboard boxes, bags, barrels, buckets, etc. in in-house logistics processes
- Handling of goods in the food industry (with a special A2 version)

Proven Concept

- Dynamic and ergonomic handling of workpieces
- Intuitive one-hand operation for right- and left-handed users (without retooling)
- High flexibility due to easily interchangeable and endlessly rotatable suction pads
- Low energy consumption with optional wireless remote control

New Features

- Increased flow rate for handling porous workpieces up to 50 kg
- Improved ergonomics and haptics of the operating unit
- Increased lifting stroke due to lower height of the operating unit
- A2 version for applications in the food industry available

Vacuum Tube Lifter JumboFlex 50



Design and Function



Suction Pads



Round suction pad
For compact goods such as cardboard boxes, barrels, buckets, jugs and cabinets.



Round suction pad with skirt
For various bags and shrink-wrapped packages.



Double suction pad
For stapled, glued, strapped or open cardboard boxes as well as small wooden boards.



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

Mechanical box grippers and more suction pads for handling various other workpieces on request.

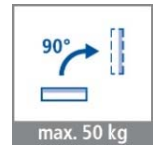
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Product Specifications



Technical Data

- Max. lift capacity: 50 kg
- Flow rate of vacuum pump: 67 m³/h (50 Hz) / 80 m³/h (60 Hz)
- Diameter lift tube: 120 mm
- Lifting stroke: 1,500 mm / 1,800 mm
- Total height: 2,100 mm / 2,500 mm
- Max. lifting speed: 1 m/s
- Sound level: 60 dB(A) (with optional silencer box)



Availability

The vacuum tube lifter Jumbo Flex 50 is available from January 2014.

The Jumbo Tube Lifter Family

Ergonomic Assistants for a Variety of Applications



JumboFlex

One-hand operation for workpieces up to 50 kg, such as cardboard boxes, bags, boxes and buckets.

www.schmalz.com/jumboflex



JumboErgo

For workpieces of many different shapes and sizes up to 300 kg, such as cardboard boxes, barrels and wood panels.

www.schmalz.com/jumboergo



JumboSprint

For compact workpieces up to 300 kg, such as bags and raw rubber bails.

www.schmalz.com/jumbosprint