

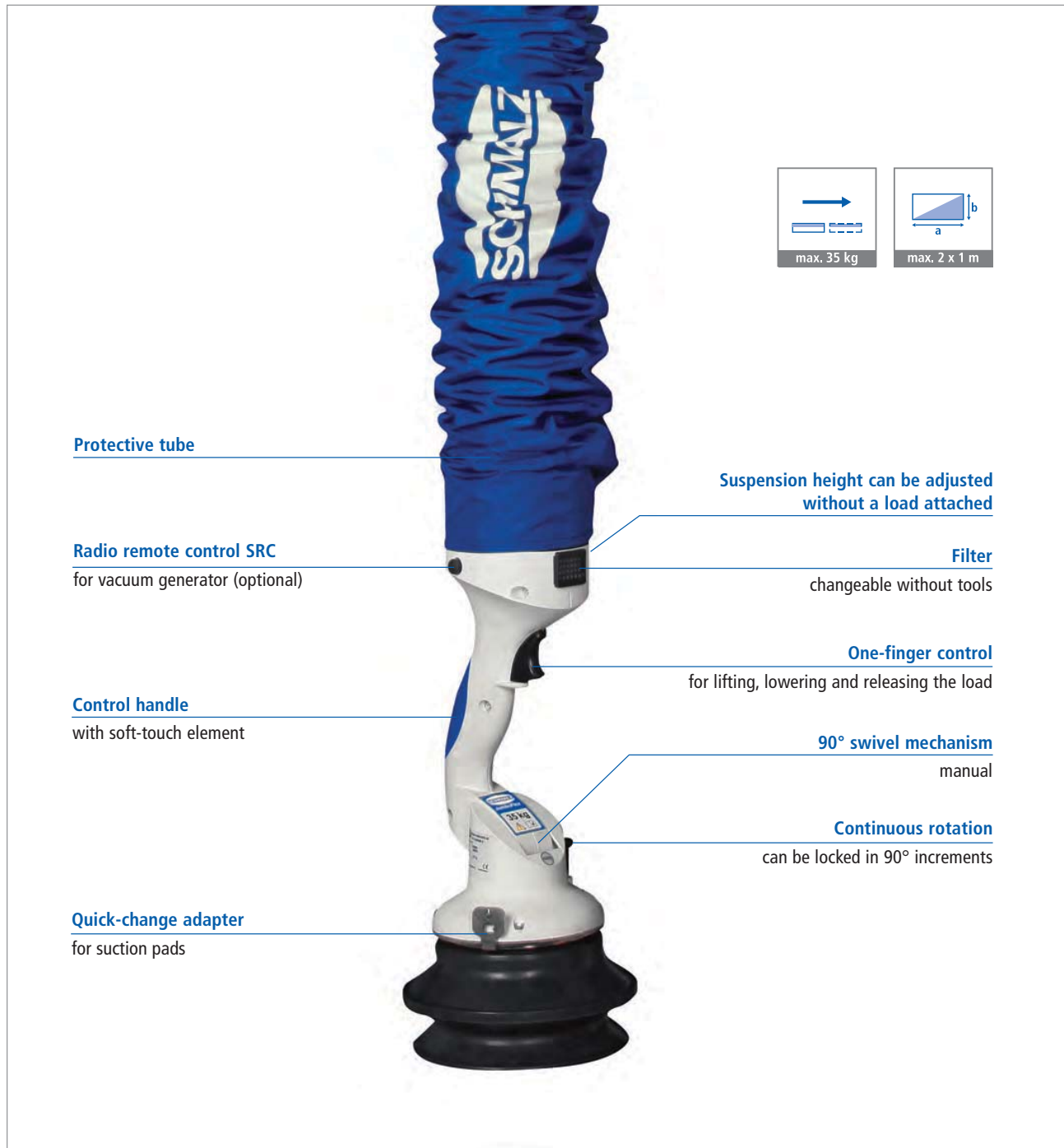


Vacuum Handling Systems

Tube Lifters Jumbo and Lifting Devices VacuMaster

JumboFlex

Lift Capacity up to 35 kg



The vacuum tube lifter JumboFlex allows you to move lighter goods up to 35 kg ergonomically and with high cycle rates. The control handle fits comfortably in the hand and allows the operator to work for a long period of time without fatigue. With simple one-finger control, lifting, lowering and releasing the load is extremely intuitive.

The JumboFlex's wide range of features allows it to tackle virtually any task. It comes standard with a quick-change system for replacing the suction pads. Workpieces which are gripped from the vertical side automatically swing back into the horizontal position where they can be continuously rotated.

Suction Pads

Versatility is key: Schmalz offers the correct suction pads for virtually any application. You can also change grippers quickly and easily.

Quick-change adapter as standard



Round suction pad

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



Round suction pad with skirt

For optimal sealing on plastic 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.



Multiple suction pad

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



2-in-1 gripper

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



Suspension hook

For mechanical suspension of buckets, jugs and other workpieces with a point from which to hang.



Box gripper

For transport and storage boxes from all commercial manufacturers.

Vacuum Generators



Vacuum pump EVE

Electric vacuum generator with short evacuation times and low power consumption.



Vacuum ejector SEM

Compact compressed air vacuum generator with a high flow rate.

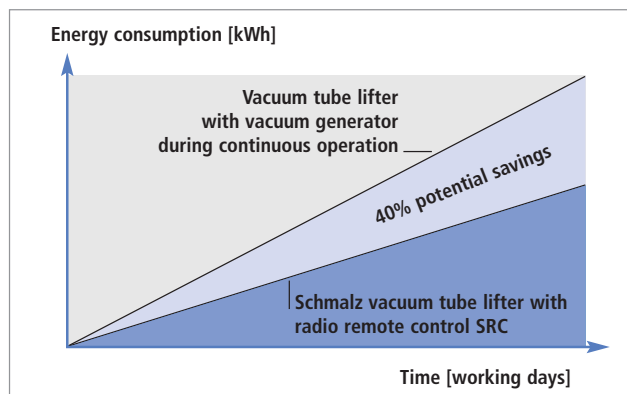


Accessories



Save up to 40% in energy with the push of a button

With the radio remote control SRC, you can directly switch off the vacuum generator on the operator handle when not in use and then back on again. The radio remote control is activated by a simple button push and needs no energy source due to an integrated induction generator.



Potential energy savings with radio remote control SRC



Reduced sound level

The silencer box SBB reduces the sound level of the vacuum generator to 65 dB(A) and protects it from outside dirt. It can be easily mounted on the optional blower console.



Protection against dirt

The dust filter STF keeps dirt particles away from the vacuum generator and is always recommended to protect the generator. It can be cleaned quickly and easily.



Protection against thermal overload

With the motor-protection switch MSS the vacuum generator can be switched on/off and protected against overcurrent. It can be integrated into the Schmalz crane column without the need for complicated wiring and can be optionally locked.



Secure storage

The storage rack AB-JU can be used to store the JumboFlex when not in use in order to protect the lift tube and suction pads.

JumboFlex

Technical Data



The vacuum tube lifter JumboFlex can be configured specifically based on the requirements of each individual application due to its modular design. The technical data varies depending on the configuration and on the suction pad chosen.

Vacuum generator

- Pump with 25, 40 or 50 m³/h suction capacity
- Ejector with 58 or 77 m³/h suction capacity

Lifting unit

- Max. lifting stroke (Z) 1,500 mm or 1,800 mm
- Diameter (D) 80 mm or 100 mm

Suction pad

Height from 50 mm up to 100 mm

The diagram illustrates the JumboFlex vacuum tube lifter in two configurations. On the left, the full assembly is shown with a suction pad at the bottom. Dimension H represents the total height from the suction pad to the top of the tube. Dimension Z represents the maximum lifting stroke, measured from the top of the suction pad to the top of the tube. Dimension D represents the diameter of the tube. On the right, the lifting unit is shown without the suction pad, highlighting the stroke Z.

The following technical data are standard values.

| Jumbo type | Max. lift capacity [kg] | Workpiece format* [mm] | | Max. lifting speed [m/min] | Max. lifting stroke Z [mm] | Height H** [mm] | | Lift tube Ø D [mm] |
|------------|-------------------------|------------------------|---------------|----------------------------|----------------------------|------------------|---------------------|--------------------|
| | | Minimum | Maximum | | | With vacuum pump | With vacuum ejector | |
| Flex 20 | 20 | 200 x 200 | 2,000 x 1,000 | 60 | 1,500 | 2,500 | 2,680 | 80 |
| | 20 | 200 x 200 | 2,000 x 1,000 | 60 | 1,800 | 2,800 | 2,980 | 80 |
| Flex 35 | 35 | 200 x 200 | 2,000 x 1,000 | 60 | 1,500 | 2,500 | 2,680 | 100 |
| | 35 | 200 x 200 | 2,000 x 1,000 | 60 | 1,800 | 2,800 | 2,980 | 100 |

*Depends on the suction pad chosen

**Suction pads not included (total height = H + height of the suction pad)