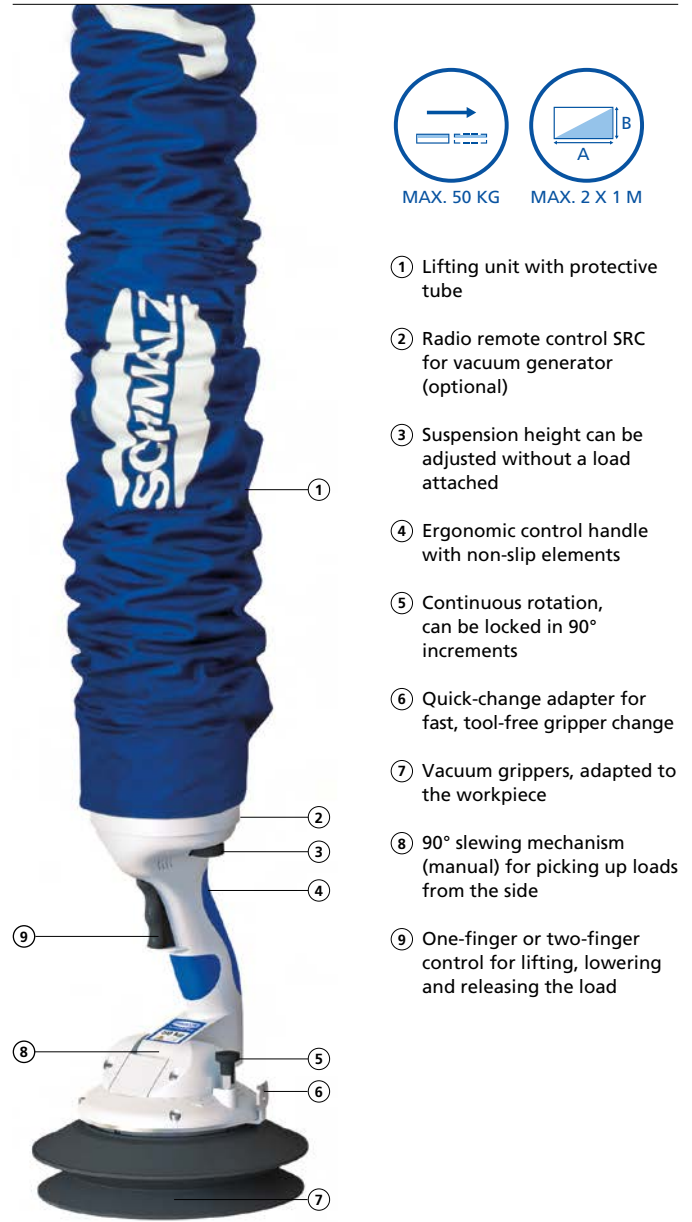


# JumboFlex

Lift Capacity up to 50 kg



JumboFlex 35



JumboFlex 50

The vacuum tube lifter JumboFlex allows you to move lighter goods up to 50 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 the 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 vacuum grippers. Workpieces which are gripped from the vertical side automatically swing back into the horizontal position where they can be continuously rotated.

**Quick-change adapter  
as standard**



## VACUUM GRIPPERS

Versatility is key: Schmalz offers the correct vacuum grippers for virtually any application. With the quick-change adapter the gripper can be changed quickly and easily.



**Round vacuum gripper**  
For compact goods such as cardboard boxes, barrels, buckets, jugs and cabinets.



**Round vacuum gripper with skirt**  
For optimal sealing on plastic bags and shrink-wrapped packages.



**Double vacuum gripper**  
For stapled, glued, strapped or open cardboard boxes as well as small wooden boards.



**Quadruple vacuum gripper**  
For large cardboard boxes, wooden boards and other flat workpieces.



**Multiple vacuum gripper**  
For uneven workpieces such as foil trays or unstable cardboard boxes. The individual vacuum grippers compensate for any unevenness.



**2-in-1 gripper**  
Combination of a vacuum gripper 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



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



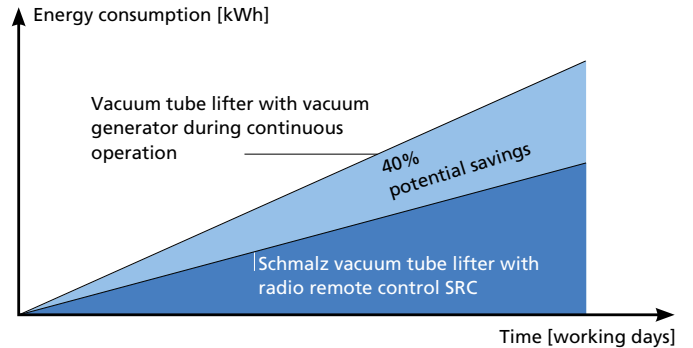
**Ejector SEM**  
Compact compressed air vacuum generator with a high flow rate (up to JumboFlex 35).

# JumboFlex

## 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.



**Reduced sound level**  
The silencer box SBB reduces the sound level of the vacuum generator 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 vacuum grippers.

## 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 vacuum gripper chosen.

### Vacuum generator

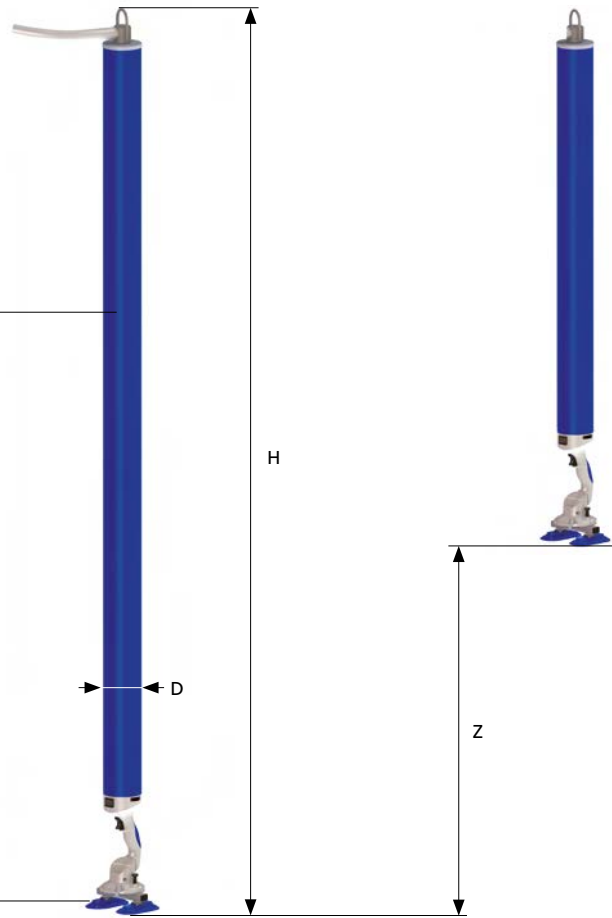
- Pump with 25, 40, 50 or 67 m<sup>3</sup>/h suction capacity
- Ejector with 58 or 77 m<sup>3</sup>/h suction capacity

### Lifting unit

- Max. lifting stroke (Z) 1,500 mm or 1,800 mm
- Diameter (D) 80, 100 or 120 mm

### Vacuum gripper

- Height from 50 mm up to 100 mm



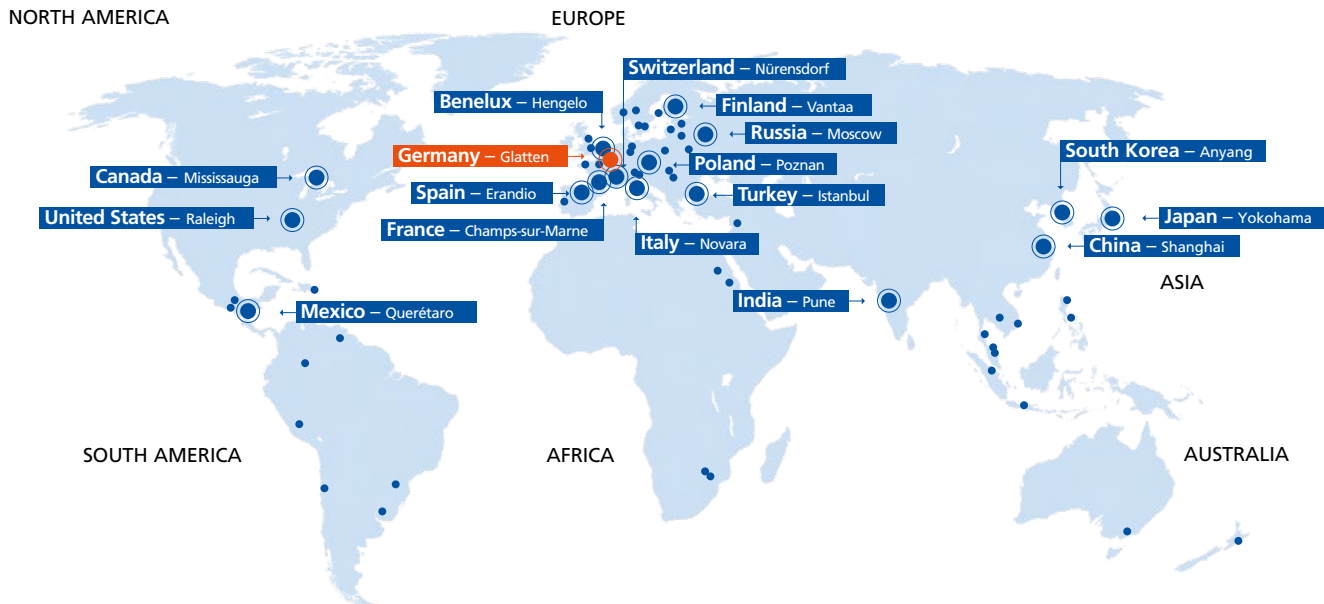
The following technical data are standard values.

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
Flex 50	50	200 x 200	2,000 x 1,000	60	1,500	2,500	2,680	120
	50	200 x 200	2,000 x 1,000	60	1,800	2,800	2,980	120

\*Depends on the vacuum gripper chosen

\*\*Vacuum grippers not included (total height = H + height of the vacuum gripper)

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