FORCE-LIFT: ADVANTAGES



- **Lift heavy loads with just one hand:** The FORCE-LIFT is the first one-handed tube lifter that can lift up to 75 kg.
- **Intuitive functionality of the operating handle for quick familiarisation of the user.** The operator can learn how to use the device within a very short time.
- **Maximum flexibility and optimal adaptation to working conditions and lifting goods** thanks to the modular design of the lifting unit and suction pad
- **Absolute all-rounder:** Whether cardboard boxes, bags, canisters or barrels – the integrated quick-change coupling and individually selectable vacuum generators mean that almost anything can be lifted with just one device.
- **Extremely comprehensive equipment of the basic product** including quick-change coupling, motor protection switch (protects the vacuum generator from winding damage), integrated quick-release function (uncoupling function), function for 360° horizontal rotation and 90° tilting function (to grip lifting goods vertically and move them horizontally)
- **Suctioned lifting goods can be parked in different positions** due to the patented valve technology
- **Considerable increase in productivity and efficiency** thanks to its lightness, robustness and high performance

FORCE-LIFT

< 75 kg | up to 500 picks/h | Horizontal pick | Vertical pick | Rotating

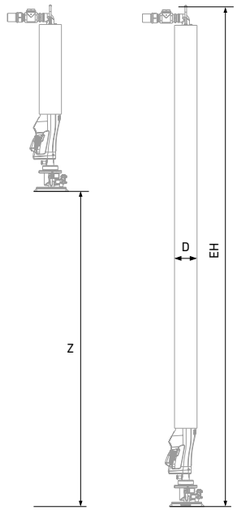
Material/lifting goods

Cardboard boxes | Barrels | Porous panels | Bags | Canisters | Plastics

Further details about FORCE-LIFT



Dimension drawing



Optional configuration / Accessories

	Designation	Description
	Sound insulation cover for pump or blower*	The sound/ noise level of the vacuum generator is significantly reduced by the sound insulation cover.
	Radio remote control for vacuum generator	The vacuum generator can be switched on and off via a radio remote control.
	Wall bracket for vacuum generator	The vacuum generator can be mounted on the wall via a steel structure using a wall bracket.
	Magnetic parking position	Optional hook and loop strap with magnet for parking the device

*For the 50 m^3/h pump, the sound insulation cover is already included in the scope of delivery.

Product data

Horizontal load capacity*	Unladen weight	Lifting tube dia.	Max. stroke	Mounting height	Vacuum generator	Suction volume	Item code
		D	Z	EH			
[kg]	[kg]	[mm]	[mm]	[mm]		[m^3/h]	
30	6.9	100	1,300	2,270	Vacuum pump	50	FL-30-P50/100/1700
30	6.9	100	1,530	2,570	Vacuum pump	50	FL-30-P50/100/2000
30	6.9	100	1,795	2,870	Vacuum pump	50	FL-30-P50/100/2300
35	9.2	120	1,320	2,270	Vacuum pump	50	FL-35-P50/120/1700
35	9.2	120	1,550	2,570	Vacuum pump	50	FL-35-P50/120/2000
35	9.2	120	1,782	2,870	Vacuum pump	50	FL-35-P50/120/2300
45	9.2	120	1,320	2,270	Vacuum pump	80	FL-45-P80/120/1700
45	9.2	120	1,550	2,570	Vacuum pump	80	FL-45-P80/120/2000
45	9.2	120	1,782	2,870	Vacuum pump	80	FL-45-P80/120/2300
40	9.5	120	1,320	2,270	Vacuum blower	195	FL-40-SV400/120/1700
40	9.5	120	1,550	2,570	Vacuum blower	195	FL-40-SV400/120/2000
40	9.5	120	1,782	2,870	Vacuum blower	195	FL-40-SV400/120/2300
75	13.6	160	1,340	2,270	Vacuum blower	195	FL-75-SV400/160/1700
75	13.6	160	1,580	2,570	Vacuum blower	195	FL-75-SV400/160/2000
75	13.6	160	1,815	2,870	Vacuum blower	195	FL-75-SV400/160/2300

*Depending on the configuration and porosity, the load capacity may be reduced.

Suction feet

Transport goods		No. of suction pl.	Suction pl. dimensions	Unladen weight	Total height	Cross beam length	LT dia. 100 mm	LT dia. 120 mm	LT dia. 160 mm	Type
		[pieces]	[mm]	[kg]	[mm]	[mm]				
		2	85 x 200	2.5	127	400	✓	✓	-	DSF-FL-2L/85x200/NBR-400
			110 x 300	3.5	136	400	✓	✓	✓	DSF-FL-2L/110x300/NBR-400
		1	Ø 160	0.8	136	-	✓	-	-	MSF-FL-1F/160/PU
			Ø 200	1.1	136	-	✓	✓	-	MSF-FL-1F/200/PU
		1	395 x 210	1.7	120	-	✓	✓	✓	BSF-FL-1M/395x210/LA-KU
		1	Ø 210	1.2	32	-	✓	-	-	MSF-FL-1R/210/NBR
		1	Ø 270	1.3	40	-	✓	✓	-	MSF-FL-1R/270/NBR
		1	Ø 186	1.2	37	-	✓	-	-	MSF-FL-1T/186/EPDM
		1	Ø 226	1.3	37	-	✓	✓	-	MSF-FL-1T/226/EPDM
		-	-	1.4	170	-	✓	✓	✓	HSF-FL