

VacuBoyMini VBM

The lightweight up to 350 kg

Setup and application

Due to the compact design with low dead weight, this vacuum lifter is suitable for smaller plates and inherently stable loads such as canisters, barrels and containers. Depending on the requirements, the device can be equipped with a single suction pad or attachments with two or four suction pads. For various applications, the device can also be equipped with a quick-change coupling, which means that the grippers can be used as required.



VacuBoyMini VBM-ACCU-75KG

For the transport of truck tank containers with a double attachment



VacuBoyMini VBM-ACCU-125KG

with quadruple suction pad for feeding a CNC system



VacuBoyMini VBM-ACCU-50KG

With articulated special grippers for transporting pipes with different diameters



VacuBoyMini VBM-125KG

handling of copper coils using a 4-fold attachment

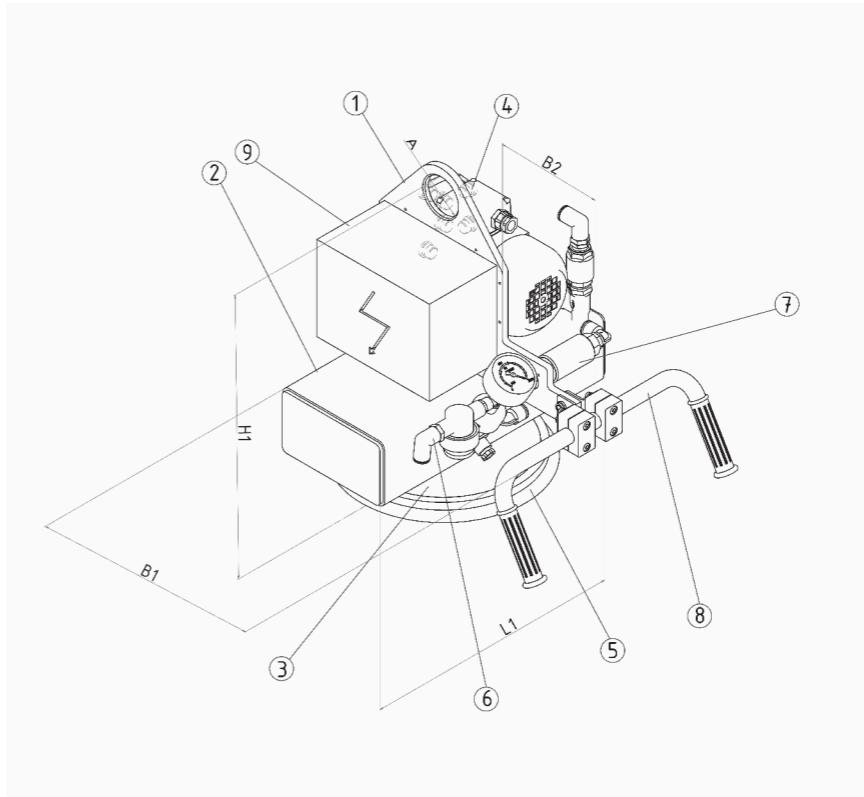
VacuBoyMini VBM

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



1 Suspension frame with suspension eye

2 Separate vacuum reserve tank

3 Flange plate for suction pads or attachments

4 Vacuum pump with check valve

5 Suction cups or attachments

6 Distribution line with vacuum filter and visual control vacuum gage

7 Vacuum valve for suction/release

8 Ergonomic manipulating handle

9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H (mm)	A (mm)	Own weight (kg)
125	VBM-1	300x300	1.000x1.000	T4.8/TF4.2	1	250	250	270	450	60	22
	VBM-2	800x300	1.500x1.000	T4.8/TF4.2	2	800	250	270	550	60	25
	VBM-4	1.000x500	2.500x1.250	T4.8/TF4.2	4	800	400	270	550	60	30
	VBM-1	400x400	1.000x1.000	T4.8/TF4.2	1	250	250	270	450	60	23
250	VBM-2	1.000x400	1.500x1.000	T4.8/TF4.2	2	800	250	270	550	60	26
	VBM-4	1.000x600	2.500x1.250	T4.8/TF4.2	4	800	400	270	550	60	32
	VBM-1	500x500	1.000x1.000	T4.8/TF4.2	1	250	250	270	450	60	24
350	VBM-2	1.000x500	1.500x1.000	T4.8/TF4.2	2	800	250	270	550	60	28
	VBM-4	1.000x800	2.500x1.250	T4.8/TF4.2	4	800	400	270	550	60	36

VacuBoyVario VBV

The variable lifter up to 500 kg

VacuBoyVario VBV

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.

Setup and application

A variable vacuum lifter that can be used universally. By placing the individual suction pads appropriately, workpieces can be transported both horizontally and vertically. In addition, lying loads can also be brought into a vertical position by tipping them up. Each suction cup is equipped with a manual slide valve and a vacuum gage.



VacuBoyVario VBV-125KG

Handling of window units up to 4,000 mm in length



VacuBoyVario VBV-125KG

Conversion of furniture components in the mobile home industry



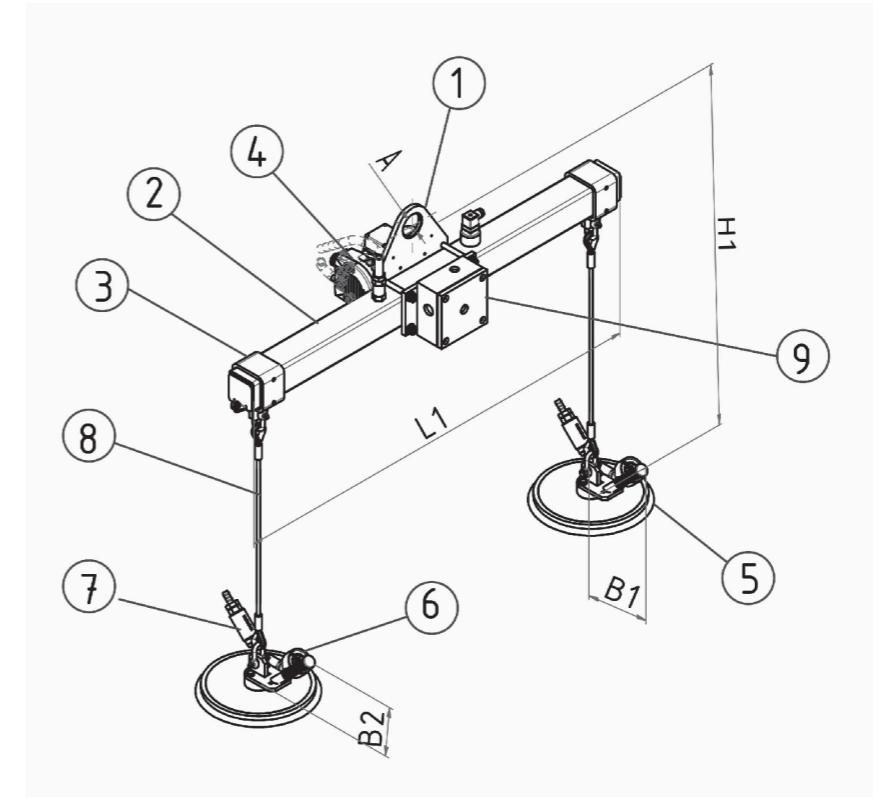
VacuBoyVario VBV-250KG

Setting up plastic panels with a length of up to 8,000 mm



VacuBoyVario VBV-125KG

Handling of completely prefabricated furniture parts in the final assembly



- 1 Suspension frame with suspension eye
- 2 Stringers with integrated vacuum reserve tank
- 3 Holder for wire suspension for suction cups
- 4 Vacuum pump with check valve
- 5 Suction pads, adjustable and clampable
- 6 Distribution line with vacuum filter and visual control vacuum gage
- 7 Vacuum valve for suction/release
- 8 Wire suspension with shackle
- 9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)								
125	VBV80-2	800x400	2,500x1,250	T 4.8	2	1,800	800	600	470	80	50
	VBV80-4	800x400	3,000x1,500	T 4.8	4	3,000	1,200	900	470	80	60
250	VBV80-2	800x400	2,500x1,250	T 4.8	2	1,800	800	600	470	80	60
	VBV80-4	800x400	3,000x1,500	T 4.8	4	3,000	1,200	900	470	80	70
500	VBV80-2	800x400	2,500x1,250	T 4.8	2	1,800	800	600	470	80	70
	VBV80-4	800x400	3,000x1,500	T 4.8	4	3,000	1,200	900	470	80	80

VacuBoyForker VBF

For pallet trucks and forklift trucks up to 1.000 kg

VacuBoyForker VBF

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.

Setup and application

A specially developed vacuum lifter for use on forklift trucks or pallet trucks. The vacuum lifter is connected to the forks of the lifting device with the fork shoes and fixed screw connections. The power supply is self-sufficient via batteries or via the basic device. It is operated using a pendant control with spiral cable, which contains all functions.

- Power supply via forklift truck or pallet truck
- Acoustic warning device with power failure message
- Optional self-sufficient power supply by battery
- Horizontal transport of panel-shaped materials
- For smooth and structured surfaces
- Tilting and reversing version on request
- "BATT" and "ACCU" versions for off mains operation



VacuBoyForker VBF-250KG-ACCU

For large plastic panels up to 3,000x1,500 mm



VacuBoyForker VB-250KG

For moving sheet steel



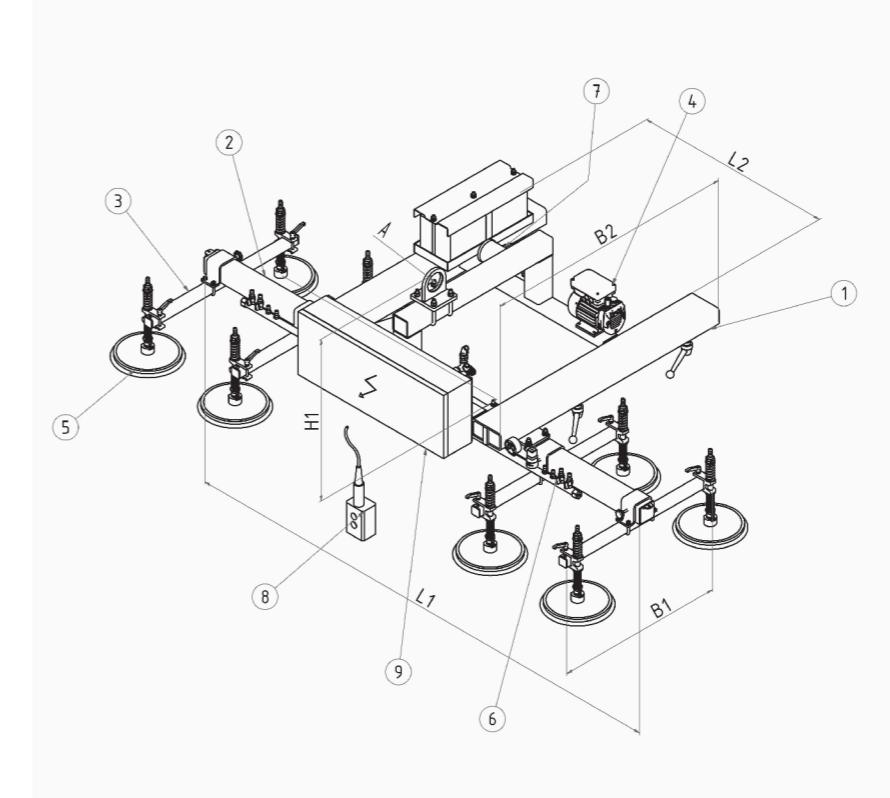
VacuBoyForker VBF-1000KG

For lifting and transporting aluminum panels up to 300 mm thick



VacuBoyForker VBF-250KG-BATT

With autonomously operating batteries for picking large-format metal sheets



- 1 Suspension frame with forklift shoes and battery pack, optionally with tilt drives
- 2 Stringers with integrated vacuum reserve tank
- 3 Crossbeams, adjustable and clampable
- 4 Vacuum pump with check valve
- 5 Suction pads, adjustable and clampable
- 6 Distribution line with vacuum filter and visual control vacuum gage
- 7 Vacuum valve for suction/release
- 8 Control unit with pendant control and spiral cable
- 9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)								
125	VBF80	1,000 x 1,000	2,000 x 1,000	TF 4.4	4	1,800	800	600	470	80	225
		2,000 x 1,000	4,000 x 2,000								
250	VBF80	1,000 x 1,000	2,000 x 1,000	TF 4.4	8	3,000	1,200	900	470	80	250
		2,000 x 1,000	4,000 x 2,000								
500	VBF80	1,000 x 1,000	2,000 x 1,000	TF 4.4	4	1,800	800	600	470	80	275
		2,000 x 1,000	4,000 x 2,000								
750	VBF100	2,000 x 1,000	2,500 x 1,250	TF 4.4	4	1,800	800	600	570	100	350
		2,500 x 1,250	4,000 x 2,000								
1,000	VBF100	2,000 x 1,000	2,500 x 1,250	TF 4.4	8	1,800	800	600	570	100	375

VacuBoy VB

Horizontal handling up to 2.000 kg

Setup and application

The Vacuboy device series is suitable for the horizontal transport of all types of vacuum-tight panels. These devices are preferably used for loading and unloading CNC machines, but also for restacking and order picking. It is operated using an ergonomically designed control handle with all the necessary functions. A large number of options and special equipment enable optimal adaptation to your requirements.



VacuBoy VB-500KG
For loading a CNC machine



VacuBoy VB-750KG
Handling of large format sheets



VacuBoy VB-250KG
Handling of wet stone slabs



VacuBoy VB-1000KG
Order picking of steel sheets

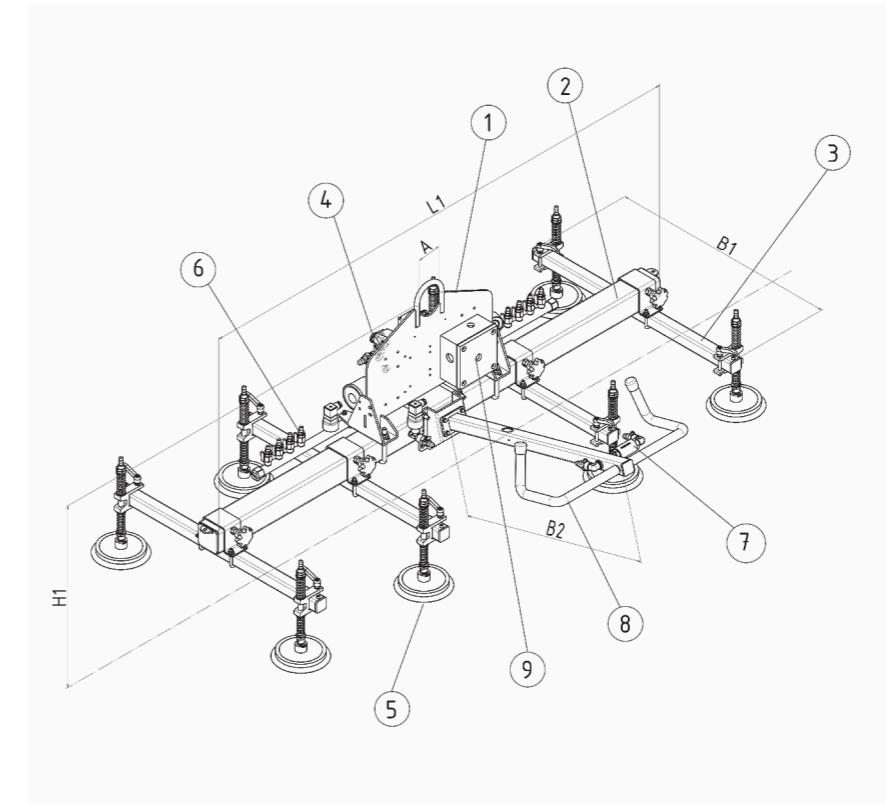
VacuBoy VB

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



- 1 Suspension frame with suspension eye
- 2 Stringers with integrated vacuum reserve tank
- 3 Crossbeams, adjustable and clampable
- 4 Vacuum pump with check valve
- 5 Suction pads, adjustable and clampable
- 6 Distribution line with vacuum filter and visual control vacuum gage
- 7 Vacuum valve for suction/release
- 8 Ergonomic manipulating handle
- 9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)								
125	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	65
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	75
250	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	70
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	80
500	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	75
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	85
750	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	4	1,800	800	600	570	100	90
		2,500 x 1,250	4,000 x 2,000	T 4.8	8	3,000	1,200	900	570	100	110
1,000	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	8	1,800	800	600	570	100	120
		2,500 x 1,250	4,000 x 2,000	T 4.8	12	3,000	1,200	900	570	100	130
1,250	VB100	2,000 x 1,000	2,500 x 1,250	T 4.16	8	1,800	800	600	570	100	130
		2,500 x 1,250	4,000 x 2,000	T 4.16	12	3,000	1,200	900	570	100	150
1,500	VB100	2,000 x 1,000	2,500 x 1,250	T 4.16	8	1,800	800	600	570	100	150
		2,500 x 1,250	4,000 x 2,000	T 4.16	12	3,000	1,200	900	570	100	160
2,000	VB100	2,000 x 1,000	2,500 x 1,250	T 4.16	12	1,800	800	600	570	100	280
		2,500 x 1,250	4,000 x 2,000	T 4.16	12	3,000	1,200	900	570	100	220

VacuBoy VB-VERT

Vertical handling up to 1.000 kg

VacuBoy VB-VERT

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.

Setup and application

A vacuum lifter for the purely vertical transfer of upright panels. This means that standing plate rack systems can be operated and plates can be easily removed or put back. In addition, the devices are also suitable for assembly work where workpieces have to be installed upright, such as when installing windows.



VacuBoy VB-VERT-125KG

For the assembly of front glass panes



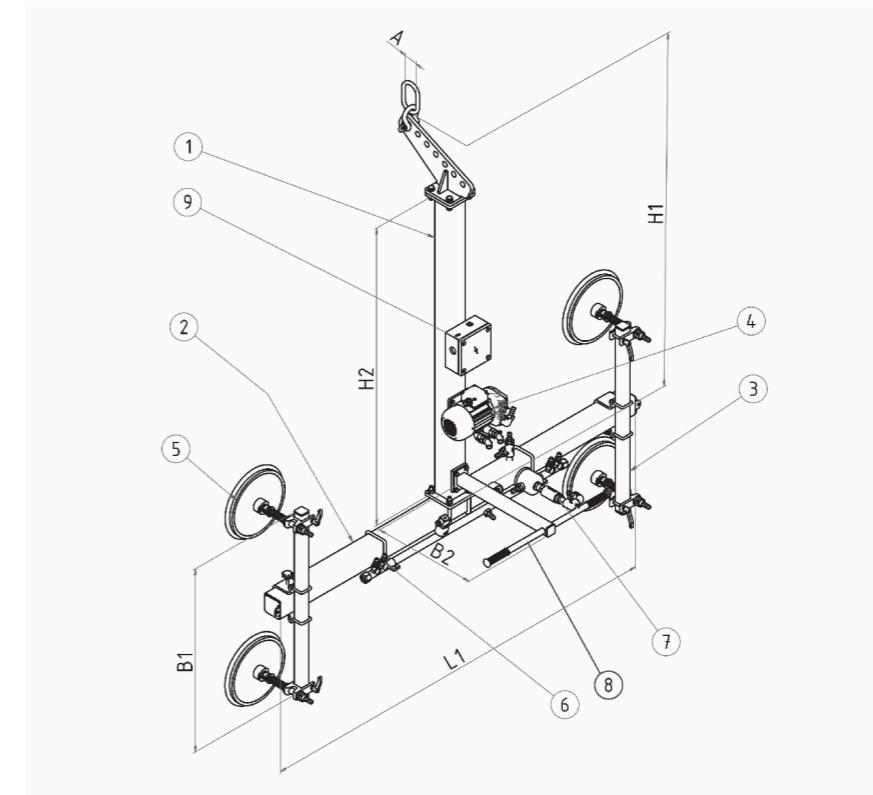
Curious?

You can find more application videos on our YouTube channel. Just follow the QR code to #simplymovemore.



VacuBoy VB-VERT-250KG

For the final assembly of rear walls in the mobile home industry



Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)										
125	VB-VERT-2	1,000 x 1,000	2,000 x 1,000	T 4.8	2 x 230	1,800	800	250	1,000	750	400	80	85
	VB-VERT-4	2,000 x 1,000	4,000 x 2,000	T 4.8	4 x 170	2,000	1,200	250	1,500	1,250	600	80	90
250	VB-VERT-2	1,000 x 1,000	2,000 x 1,000	T 4.8	2 x 360	1,800	800	250	1,000	750	400	80	90
	VB-VERT-4	2,000 x 1,000	4,000 x 2,000	T 4.8	4 x 230	2,000	1,200	250	1,500	1,250	600	80	95
500	VB-VERT-4	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 360	1,800	800	250	1,000	750	400	80	100
	VB-VERT-8	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 290	2,000	1,200	250	1,500	1,250	600	80	110
750	VB-VERT-4	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 450	1,800	800	250	1,000	750	400	80	150
	VB-VERT-8	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 360	2,000	1,200	250	1,500	1,250	600	80	175
1,000	VB-VERT-4	1,250 x 1,250	2,000 x 1,250	T 4.8	4 x 540	1,800	800	250	1,000	750	400	80	200
	VB-VERT-8	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 360	2,000	1,200	250	1,500	1,250	600	80	250

VacuBoy VB-VERT-180(E)

Vertical rotation up to 1.000 kg

Setup and application

A vertical vacuum lifter with an integrated rotary axis for rotating loads that have been suctioned by +/- 90°. This allows glass and window panes and other panel materials to be moved to the required installation or assembly position. The devices are available with a manual or electric rotary axis.



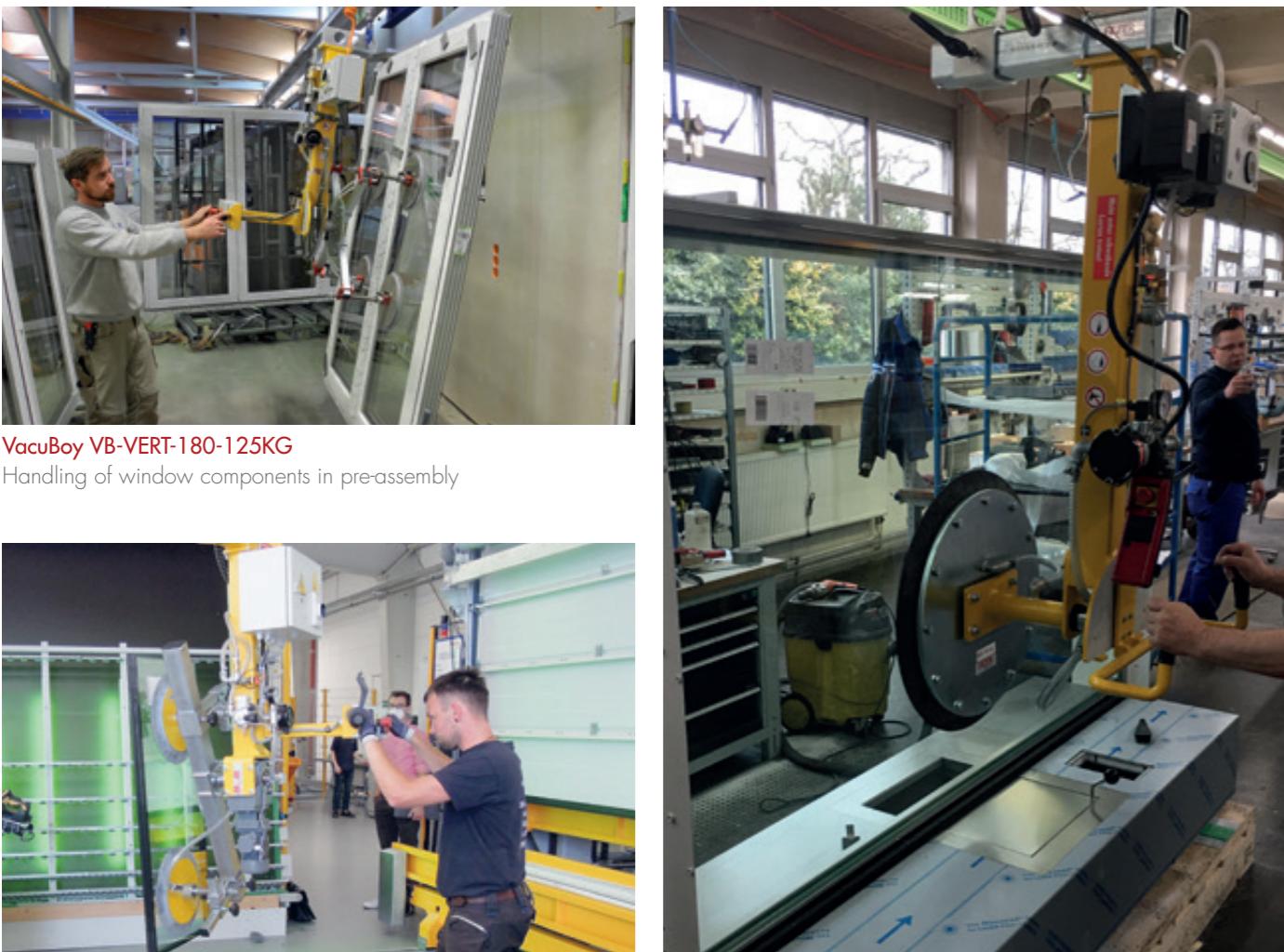
VacuBoy VB-VERT-180-125KG

Handling of window components in pre-assembly



VacuBoy VB-VERT-180E-250KG

With electric rotary drive in the production of multi-glazed window panes



VacuBoy VB-VERT-180-125KG

Handling of window components in the manufacturing process

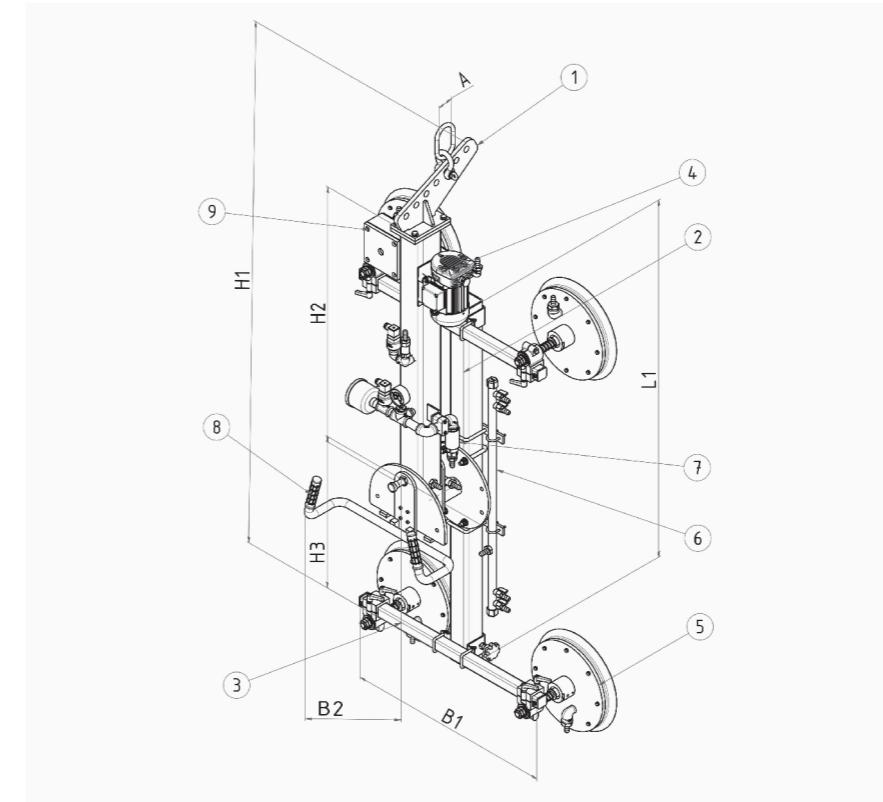
VacuBoy VB-VERT-180(E)

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



1 Suspension frame with suspension eye and tilting unit

2 Stringers with integrated vacuum reserve tank

3 Crossbeams, adjustable and clampable

4 Vacuum pump with check valve

5 Suction pads, adjustable and clampable

6 Distribution line with vacuum filter and visual control vacuum gage

7 Vacuum valve for suction/release

8 Ergonomic manipulating handle

9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)										
125	VB-VERT-180	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 170	1,800	800	250	2,300	1,400	900	80	125
	VB-VERT-180	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 120	3,000	1,200	250	3,500	2,000	1,500	80	150
	VB-VERT-180E	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 170	1,800	800	250	2,300	1,400	900	80	200
	VB-VERT-180E	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 120	3,000	1,200	250	3,500	2,000	1,500	80	225
250	VB-VERT-180	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 230	1,800	800	250	2,300	1,400	900	80	150
	VB-VERT-180	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 170	3,000	1,200	250	3,500	2,000	1,500	80	175
	VB-VERT-180E	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 230	1,800	800	250	2,300	1,400	900	80	200
	VB-VERT-180E	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 170	3,000	1,200	250	3,500	2,000	1,500	80	225
500	VB-VERT-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 360	1,800	800	250	2,300	1,400	900	80	225
	VB-VERT-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 290	3,000	1,200	250	3,500	2,000	1,500	80	250
	VB-VERT-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 450	1,800	800	250	2,300	1,400	900	100	250
	VB-VERT-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 340	3,000	1,200	250	3,500	2,000	1,500	100	275
750	VB-VERT-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 540	1,800	800	250	2,300	1,400	900	100	275
	VB-VERT-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 360	3,000	1,200	250	3,500	2,000	1,500	100	300
1,000	VB-VERT-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 540	1,800	800	250	2,300	1,400	900	100	275
	VB-VERT-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 360	3,000	1,200	250	3,500	2,000	1,500	100	300

VacuBoy VB-90E

Tilting up to 1.500 kg

Setup and application

These vacuum lifters are used wherever vacuum-tight panels of all kinds have to be set up or moved. They are particularly suitable for stationary work machines or panel storage as well as restacking and relocating. It is operated using an ergonomically designed control handle with all the necessary functions. A large number of options and special equipment enable optimal adaptation to your requirements.



VacuBoy VB-90E-ACCU-125KG

With double-jointed operating handle for the fitting of machine doors on CNC lathes



VacuBoy VB-90E-125KG

For tilting mobile home front units



VacuBoy VB-90E-250KG

For large steel plates up to 4,000x2,000 mm

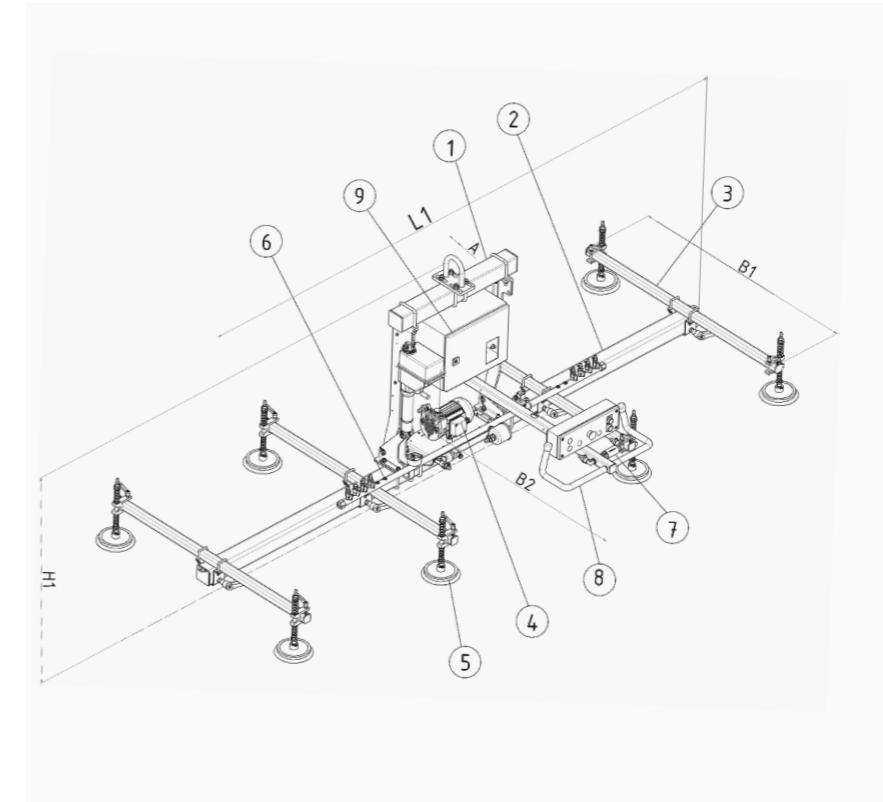
VacuBoy VB-90E

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



1 Suspension frame with tilting cylinder or tilting gear and suspension eye

2 Stringers with integrated vacuum reserve tank

3 Crossbeams, adjustable and clampable

4 Vacuum pump with check valve

5 Suction pads, adjustable and clampable

6 Distribution line with vacuum filter and visual control vacuum gage

7 Vacuum valve for suction/release

8 Ergonomic manipulating handle

9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)								
125	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	140
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	160
250	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	150
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	170
500	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	160
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	180
750	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	4	1,800	800	600	570	100	200
		2,500 x 1,250	4,000 x 2,000	T 4.8	8	3,000	1,200	900	570	100	220
1,000	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	8	1,800	800	600	570	100	250
		2,500 x 1,250	4,000 x 2,000	T 4.8	12	3,000	1,200	900	570	100	275
1,250	VB100	2,000 x 1,000	2,500 x 1,250	T 4.16	8	1,800	800	600	570	100	375
		2,500 x 1,250	4,000 x 2,000	T 4.16	12	3,000	1,200	900	570	100	425
1,500	VB100	2,000 x 1,000	2,500 x 1,250	T 4.16	8	1,800	800	600	570	100	450
		2,500 x 1,250	4,000 x 2,000	T 4.16	12	3,000	1,200	900	570	100	500

VacuBoy VB-90E-180(E)

Tilting and turning up to 1.000 kg

Setup and application

A vacuum lifter with an integrated rotary axis and tilt function. As a result, loads can be picked up both standing and lying down, and tilted and rotated into any position. The tilt function is electric and the rotation, depending on the load, is manual or electric. It is operated using the ergonomically positioned manipulation handle.



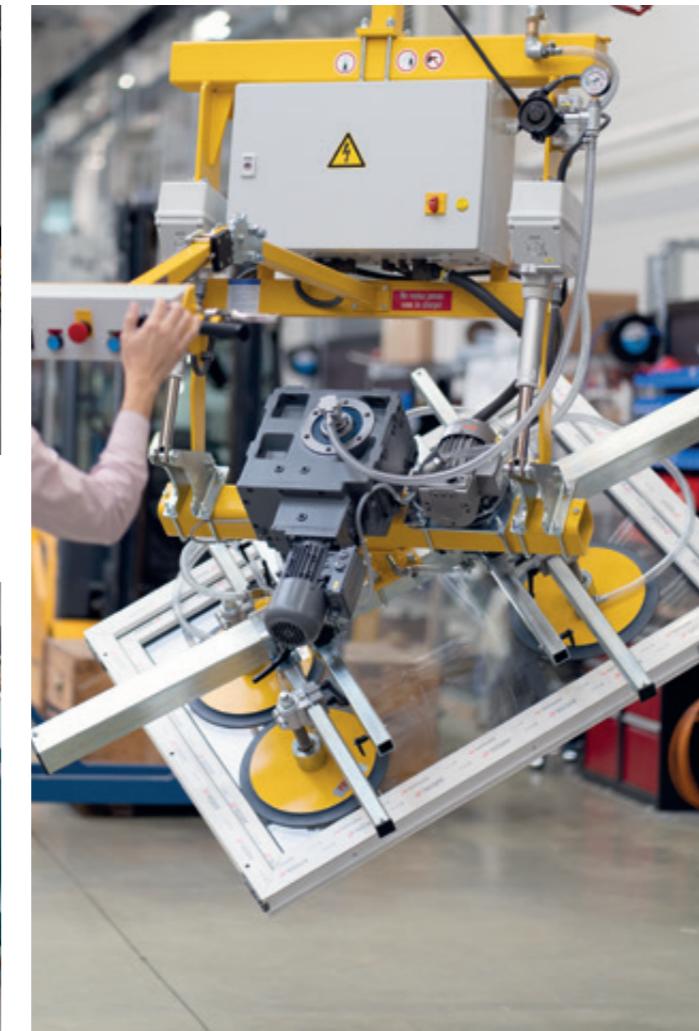
VacuBoy VB-90E-180E-250KG

Electrical tilting and rotary drive for handling plate material



VacuBoy VB-90E-180-125KG

With electric tilt drive and manual turning device in the production of window and door components



VacuBoy VB-90E-180E-500KG

With electric tilt and rotary drive for handling window components

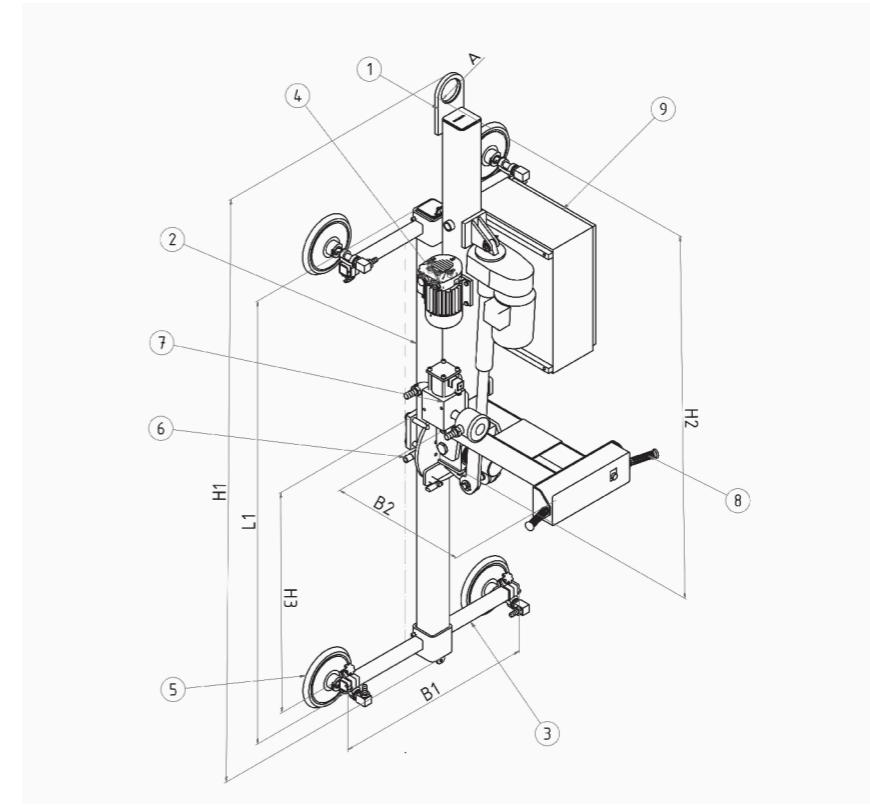
VacuBoy VB-90E-180(E)

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



1 Suspension frame with suspension eye and Turning and tilting unit

2 Stringers with integrated vacuum reserve tank

3 Crossbeams, adjustable and clampable

4 Vacuum pump with check valve

5 Suction pads, adjustable and clampable

6 Distribution line with vacuum filter and visual control vacuum gage

7 Vacuum valve for suction/release

8 Ergonomic manipulating handle

9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	A00 (mm)	Own weight (kg)
		min (mm)	max (mm)										
125	VBW-90E-180	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 170	1,800	800	600	1,550	1,250	900	80	200
	VBW-90E-180	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 120	3,000	1,200	900	2,050	1,750	1,500	80	225
	VBW-90E-180E	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 170	1,800	800	600	1,550	1,250	900	80	325
	VBW-90E-180E	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 120	3,000	1,200	900	2,050	1,750	1,500	80	350
250	VBW-90E-180	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 230	1,800	800	600	1,550	1,250	900	80	225
	VBW-90E-180	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 170	3,000	1,200	900	2,050	1,750	1,500	80	250
	VBW-90E-180E	1,000 x 1,000	2,000 x 1,000	T 4.8	4 x 230	1,800	800	600	1,550	1,250	900	80	350
	VBW-90E-180E	2,000 x 1,000	4,000 x 2,000	T 4.8	8 x 170	3,000	1,200	900	2,050	1,750	1,500	80	375
500	VBW-90E-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 360	1,800	800	600	1,550	1,250	900	80	375
	VBW-90E-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 290	1,800	1,200	900	2,050	1,750	1,500	80	375
	VBW-90E-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 450	1,800	800	600	1,550	1,250	900	100	450
	VBW-90E-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 340	1,800	1,200	900	2,050	1,750	1,500	100	450
750	VBW-90E-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 540	1,800	800	600	1,550	1,250	900	100	500
	VBW-90E-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 360	1,800	1,200	900	2,050	1,750	1,500	100	550
1,000	VBW-90E-180E	2,000 x 1,000	2,500 x 1,250	T 4.8	4 x 540	1,800	800	600	1,550	1,250	900	100	500
	VBW-90E-180E	2,500 x 1,250	4,000 x 2,000	T 4.8	8 x 360	1,800	1,200	900	2,050	1,750	1,500	100	550

VacuBoy VB-180E

Turning up to 1.500 kg

Setup and application

These vacuum lifters are equipped with a co-rotating gear motor and are particularly suitable for supporting the assembly of heavy panels or for visual inspection stations where materials have to be examined from both sides. It is operated using an ergonomically designed control handle with all the necessary functions. A large number of options and special equipment enable optimal adaptation to your requirements.



VacuBoy VB-180E-250KG

Reversing on steel plates standing on edge



VacuBoy VB-180E-500KG

For large steel plates up to 4,000x2,000 mm



VacuBoy VB-180E-50KG

In a low design via toothed rack for glass panes



VacuBoy VB-180E-250KG

For reversing and as an assembly aid for tail units for mobile homes

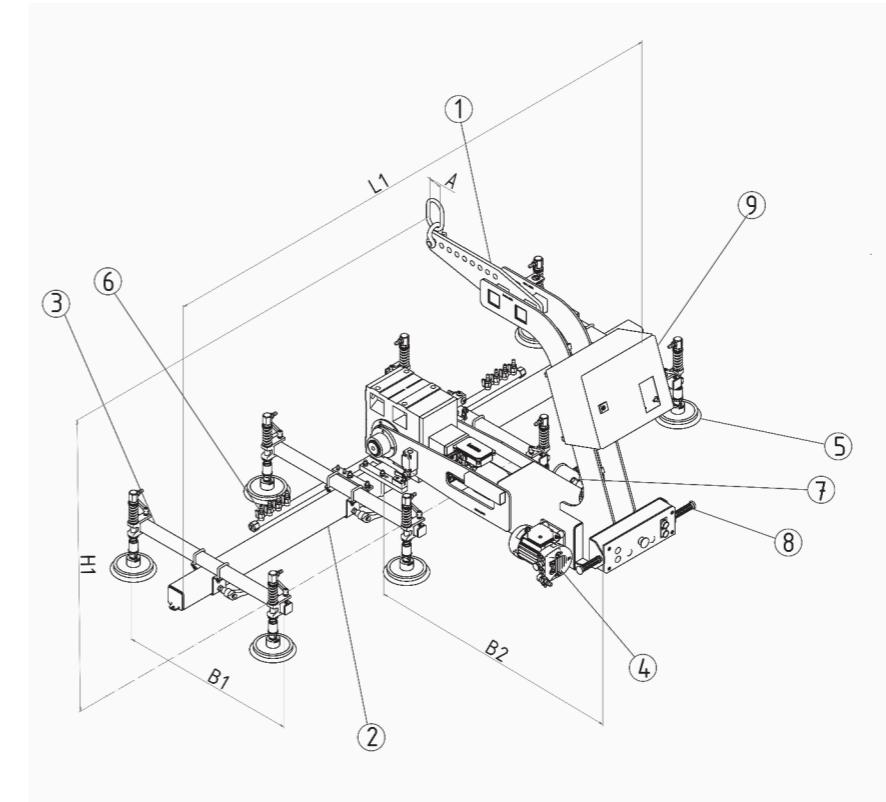
VacuBoy VB-180E

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



- 1 Suspension frame with co-rotating gear motor and suspension eye
- 2 Stringers with integrated vacuum reserve tank
- 3 Crossbeams, adjustable and clampable
- 4 Vacuum pump with check valve
- 5 Suction pads, adjustable and clampable
- 6 Distribution line with vacuum filter and visual control vacuum gage
- 7 Vacuum valve for suction/release
- 8 Ergonomic manipulating handle
- 9 Electronic warning device EW-0

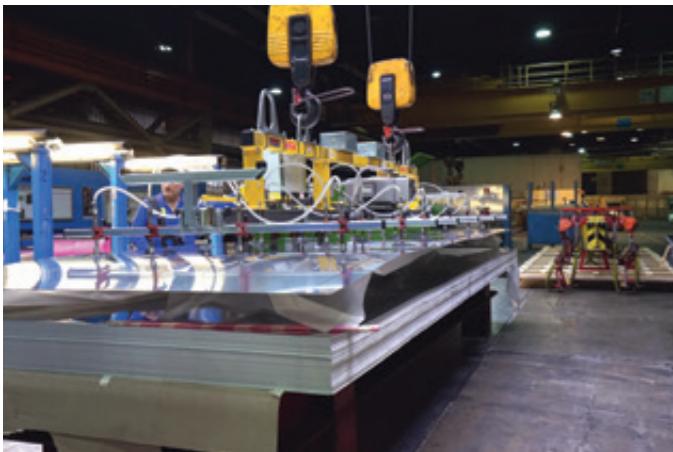
Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction cups	L1 (mm)	B1 (mm)	B2 (mm)	H (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)								
125	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	200
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	250
250	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	250
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	300
500	VB80	1,000 x 1,000	2,000 x 1,000	T 4.8	4	1,800	800	600	470	80	300
		2,000 x 1,000	4,000 x 2,000	T 4.8	8	3,000	1,200	900	470	80	350
750	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	4	1,800	800	600	570	100	350
		2,500 x 1,250	4,000 x 2,000	T 4.8	8	3,000	1,200	900	570	100	400
1,000	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	8	1,800	800	600	570	100	400
		2,500 x 1,250	4,000 x 2,000	T 4.8	12	3,000	1,200	900	570	100	500
1,250	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	8	1,800	800	600	570	100	500
		2,500 x 1,250	4,000 x 2,000	T 4.8	12	3,000	1,200	900	570	100	600
1,500	VB100	2,000 x 1,000	2,500 x 1,250	T 4.8	8	1,800	800	600	570	100	600
		2,500 x 1,250	4,000 x 2,000	T 4.8	12	3,000	1,200	900	570	100	700

VacuBoySystem VBS

For large panels up to 6.000 kg

Setup and application

These robust vacuum lifters are designed for the horizontal transport of large-area, vacuum-tight materials of all kinds. Due to the modular structure, they can be easily adapted to the existing requirements and thus ensure an efficient and safe work process. It is controlled either via an ergonomic control handle, via a pendant control or by radio.



VacuboySystem VBS-500kg

Transport of large aluminum panels up to 10,000x3,000 mm



VacuboySystem VBS-2500kg

With 4-point suspension for sheets up to 8,000x2,500x30 mm



VacuboySystem VBS-500kg

In a flat design and with pivoting lower gripper as a safety precaution for transport over people



VacuboySystem VBS-1000kg-TEL

With telescopic side members with lengths of 6,000 to 10,000 mm

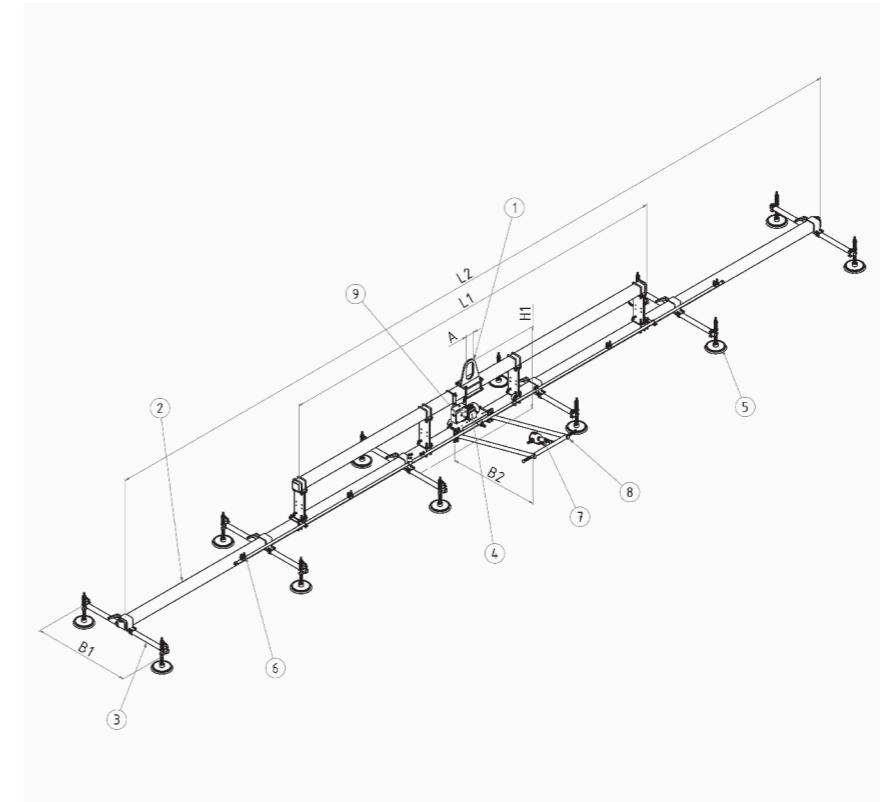
VacuBoySystem VBS

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



1 Suspension bearer with 1-point or 2-point attachment

2 Stringer with integrated vacuum reserve tank, optionally in a telescopic version

3 Crossbeams, adjustable and clampable

4 Vacuum pump with check valve

5 Suction pads, adjustable and clampable

6 Distribution line with vacuum filter and visual control vacuum gage

7 Vacuum valve for suction/release

8 Ergonomic manipulating handle

9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number of suction pads	Number of suspen- sion eyes	L1 (mm)	L2 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	A (mm)	Own weight (kg)
500	VBS80	4,000x1,000	6,000x2,000	T 4.8	8	1	3,000	5,000	1,200	900	850	100	350
		4,000x1,000	12,000x3,000	T 4.8	12	2	6,000	10,000	1,800	1,200	850	100	400
1,000	VBS100	4,000x1,000	6,000x2,000	T 4.8	8	1	3,000	5,000	1,200	900	950	100	400
		4,000x1,000	12,000x3,000	T 4.8	12	2	6,000	10,000	1,800	1,200	950	100	450
2,000	VBS100	4,000x1,000	6,000x2,000	T 4.16	8	1	3,000	5,000	1,200	900	950	100	450
		4,000x1,000	12,000x3,000	T 4.16	12	2	6,000	10,000	1,800	1,200	950	100	500
3,000	VBS120	4,000x1,000	6,000x2,000	T 4.25	12	1	3,000	5,000	1,200	900	1050	120	800
		4,000x1,000	12,000x3,000	T 4.25	16	2	6,000	10,000	1,800	1,200	1050	120	900
4,000	VBS120	4,000x1,000	6,000x2,000	T 4.25	12	1	3,000	5,000	1,200	900	1050	120	850
		4,000x1,000	12,000x3,000	T 4.25	16	2	6,000	10,000	1,800	1,200	1050	120	950
5,000	VBS140	4,000x1,000	6,000x2,000	T 4.40	12	1	3,000	5,000	1,200	900	1150	140	1,200
		4,000x1,000	12,000x3,000	T 4.40	16	2	6,000	10,000	1,800	1,200	1150	140	1,400
6,000	VBS140	4,000x1,000	6,000x2,000	T 4.40	12	1	3,000	5,000	1,200	900	1150	140	1,400
		4,000x1,000	12,000x3,000	T 4.40	16	2	6,000	10,000	1,800	1,200	1150	140	1,600

VacuBoySystem VBS-90E

Tilting of large panels up to 3.000 kg

Setup and application

The tilting version is used wherever large panels have to be set up or picked up in an upright position and laid down horizontally. Robust and durable tilt drives support stepless tilting and any holding position. Due to the modular design, the vacuum lifters can be individually adapted and ensure maximum productivity. It is controlled either via an ergonomic control handle, via a pendant control or by radio.



VacuBoySystem VBS-90E-2.500kg-TEL

Telescopic version for lengths of 6,000-12,000 mm



VacuBoySystem VBS-90E-1000kg

For the assembly support of truck side parts up to 12,000 mm in length



VacuBoySystem VBS-90E-750kg-TEL

For sandwich components with lengths of 6,000-10,000 mm



VacuBoySystem VBS-90E-1500KG

For tilting of coated panels

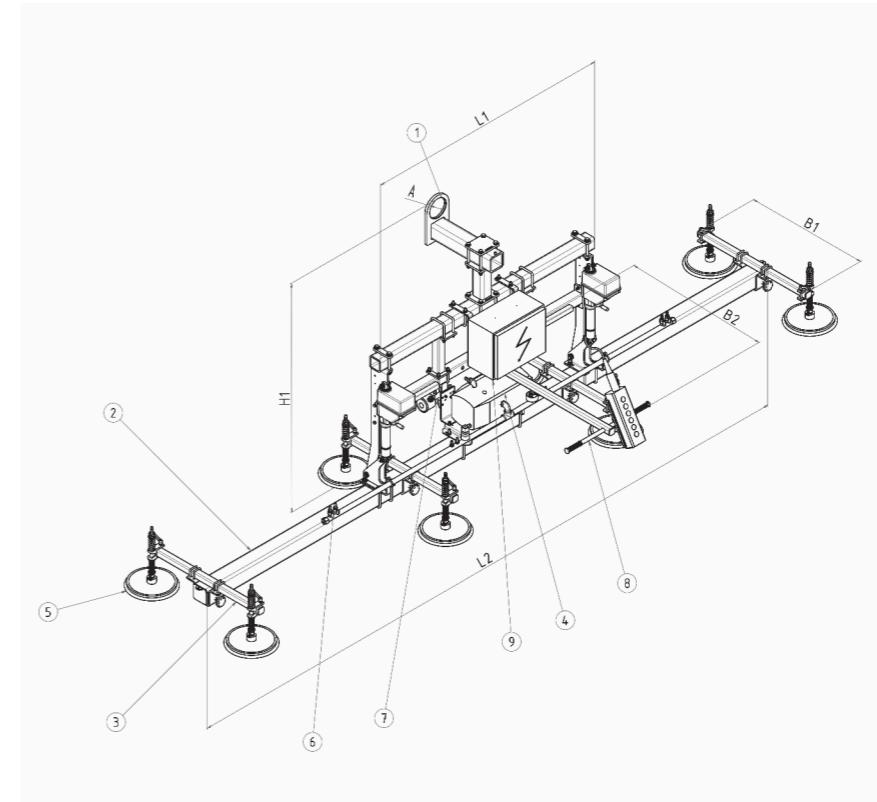
VacuBoySystem VBS-90E

Technical specifications



VacuBoy - product range

More about our VacuBoy product range and many application examples and videos can be found here. Scan the QR code to get started.



1 Suspension beam with tilt drives and 1-point or 2-point suspension

2 Stringers with integrated vacuum reserve tank optionally in a telescopic version

3 Crossbeams, adjustable and clampable

4 Vacuum pump with check valve

5 Suction pads, adjustable and clampable

6 Distribution line with vacuum filter and visual control vacuum gage

7 Vacuum valve for suction/release

8 Ergonomic manipulating handle

9 Electronic warning device EW-0

Load (kg)	Type	Workpiece dimensions		Vacuum pump (m³/h)	Number Suction pads	Number of suspen- sion eyes	L1 (mm)	L2 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	A (mm)	Own weight (kg)
		min (mm)	max (mm)										
500	VBS80-90E	4,000x1,000	6,000x2,000	T 4.8	8	1	3,000	5,000	1,200	900	1,100	100	300
		4,000x1,000	12,000x3,000	T 4.8	12	2	6,000	10,000	1,800	1,200	1,100	100	350
1,000	VBS100-90E	4,000x1,000	6,000x3,000	T 4.8	8	1	3,000	5,000	1,200	900	1,100	100	500
		4,000x1,000	12,000x2,000	T 4.8	12	2	6,000	10,000	1,800	1,200	1,100	100	600
1,500	VBS120-90E	4,000x1,000	6,000x3,000	T 4.16	8	1	3,000	5,000	1,200	900	1,100	100	900
		4,000x1,000	12,000x3,000	T 4.16	12	2	6,000	10,000	1,800	1,200	1,100	100	1,000
2,000	VBS120-90E	4,000x1,000	6,000x3,000	T 4.16	8	1	3,000	5,000	1,200	900	1,100	100	1,250
		4,000x1,000	12,000x2,000	T 4.16	12	2	6,000	10,000	1,800	1,200	1,100	100	1,500
2,500	VBS140-90E	4,000x1,000	6,000x3,000	T 4.25	12	1	3,000	5,000	1,200	900	1,200	120	1,500
		4,000x1,000	12,000x3,000	T 4.25	16	2	6,000	10,000	1,800	1,200	1,200	120	1,750
3,000	VBS140-90E	4,000x1,000	6,000x3,000	T 4.25	12	1	3,000	5,000	1,200	900	1,200	120	1,750
		4,000x1,000	12,000x3,000	T 4.25	16	2	6,000	10,000	1,800	1,200	1,200	120	2,000