

Small Powered Vacuum Lifters for horizontal transports



Picture 1



Picture 2

VACU-LIFT offers you a wide variety of standard systems for the gentle transport of your loads, also for sensitive products.

A tried and tested technique with outstanding durability.

- > standard and individual solutions
- > long-life, high-quality systems and components
- > flexible retrofittable devices
- > flexible configurations for different loads and sensitive surfaces

> lifting capacities up to 1,250 kg with one basic unit

Small Powered Vacuum Lifters for horizontal transports

Easy solutions for heavy loads

If you want to transport steel, stone, wood or plastic... whether the surface is smooth, rough or porous... VACU-LIFT can handle it with our standard systems for the gentle transport of your loads.

We are the guarantor for sophisticated vacuum transport systems with long-life durability and convenience in use and functionality for more than 40 years.

Among the standard vacuum lifters for horizontal transports we develop, design and deliver pivoting and mobile systems and of course systems for special needs.

In addition to the range of the powered devices we have our invention - energy independent vacuum lifters - with a lifting capacity up to 4,000 kg available. These devices can be used for non porous loads.

Basic unit A

This part of the basic unit is a compact component and is used for the vacuum generation and control.

Mode of operation for "suction-release":	lever valve (standard)
Power connection:	5-pole CEE-connection 400 Volt 2-pole Schuko-plug at approx. 1 m cable besides the crane hook suspension
Lacquering:	devices primed and lacquered yellow (RAL 1007 – standard colour for hoisting devices). All other parts in standard colours or galvanized.
Crane hook suspension:	dimensions 60 x 120 mm

Basic unit B







This unit is the suction pad unit and can consist of a single suction pad or a beam construction with multiple suction pads.

Main beam:	solid, durable steel
Cross beams:	infinitely adjustable and lockable
Suction pads:	infinitely adjustable and lockable
Suction pads suspension:	standard
Height compensation:	aligned

We have illustrated standard configuration designs. Customised or load specific variations are of course available up to 50,000 kg.

Further advantages

- > easy control by hand lever, cable remote control, mounted operating panel, radio controlled or automatic mode on demand
- > low maintenance and easy to service
- > available standard voltages 24, 230, 400 or 500 Volt
- > increased safety with optical-acoustical safety unit accordingly DIN EN 13155
- > also safe in case of power failure
- > for indoor and outdoor use
- > made in Germany

Construction	Type	Lifting capacity	Maximum size of the load*	Dead weight	Suction pads Quantity / Size	Dimensions (l x w x h)	Connected load
	H-E-150	150 kg	2,000 x 1,000 mm, ab 2 mm	48 kg	1 / ø 270 mm	480 x 350 x 540 mm	230 V; 50 Hz; 0,3 kW
	H-E-300	300 kg	2,000 x 1,000 mm, ab 2 mm	48 kg	1 / ø 360 mm	480 x 400 x 540 mm	230 V; 50 Hz; 0,3 kW
	H-E-500	500 kg	2,000 x 1,000 mm, ab 2 mm	56 kg	1 / ø 495 mm	500 x 500 x 540 mm	230 V; 50 Hz; 0,3 kW
	H-E-750	750 kg	2,000 x 2,000 mm, ab 2 mm	68 kg	1 / ø 650 mm	650 x 650 x 560 mm	230 V; 50 Hz; 0,3 kW
	-	-	-	-	-	-	-
	H-2-150	150 kg	3,000 x 1,500 mm, ab 2 mm	75 kg	2 / ø 170 mm	1,500 x 350 x 640 mm	230 V; 50 Hz; 0,3 kW
	H-2-300	300 kg	3,000 x 1,500 mm, ab 2 mm	90 kg	2 / ø 315 mm	1,500 x 350 x 640 mm	230 V; 50 Hz; 0,3 kW
	H-2-500	500 kg	3,000 x 1,500 mm, ab 2 mm	95 kg	2 / ø 340 mm	1,500 x 350 x 660 mm	230 V; 50 Hz; 0,3 kW
	H-2-750	750 kg	3,000 x 1,500 mm, ab 2 mm	120 kg	2 / ø 495 mm	1,500 x 500 x 670 mm	400 V; 50 Hz; 0,6 kW
	H-2-1000	1,000 kg	3,000 x 1,500 mm, ab 2 mm	130 kg	2 / ø 495 mm	1,500 x 500 x 670 mm	400 V; 50 Hz; 0,6 kW
	H-2-1250	1,250 kg	3,000 x 1,500 mm, ab 2 mm	160 kg	2 / ø 650 mm	1,500 x 650 x 700 mm	400 V; 50 Hz; 0,6 kW
	H-4Q-150	150 kg	2,500 x 1,250 mm, ab 2 mm	100 kg	4 / ø 180 mm	1,800 x 800 x 730 mm	230 V; 50 Hz; 0,3 kW
	H-4Q-300	300 kg	2,500 x 1,250 mm, ab 2 mm	110 kg	4 / ø 270 mm	1,800 x 800 x 730 mm	230 V; 50 Hz; 0,3 kW
	H-4Q-500	500 kg	2,500 x 1,250 mm, ab 2 mm	130 kg	4 / ø 270 mm	1,800 x 800 x 750 mm	230 V; 50 Hz; 0,3 kW
	H-4Q-750	750 kg	2,500 x 1,250 mm, ab 2 mm	140 kg	4 / ø 315 mm	1,800 x 800 x 770 mm	400 V; 50 Hz; 0,6 kW
	H-4Q-1000	1,000 kg	2,500 x 1,250 mm, ab 2 mm	155 kg	4 / ø 340 mm	1,800 x 800 x 790 mm	400 V; 50 Hz; 0,6 kW
	H-4Q-1250	1,250 kg	2,500 x 1,250 mm, ab 2 mm	170 kg	4 / ø 495 mm	1,800 x 1,000 x 830 mm	400 V; 50 Hz; 0,6 kW
	-	-	-	-	-	-	-
	H-4K-300	300 kg	4,000 x 2,000 mm, ab 2 mm	170 kg	4 / ø 375 mm	2,850 x 380 x 750 mm	400 V; 50 Hz; 0,6 kW
	H-4K-500	500 kg	4,000 x 2,000 mm, ab 2 mm	175 kg	4 / ø 375 mm	2,850 x 380 x 760 mm	400 V; 50 Hz; 0,6 kW
	H-4K-750	750 kg	4,000 x 2,000 mm, ab 2 mm	190 kg	4 / ø 375 mm	2,850 x 380 x 790 mm	400 V; 50 Hz; 0,6 kW
	H-4K-1000	1,000 kg	4,000 x 2,000 mm, ab 2 mm	195 kg	4 / ø 375 mm	2,850 x 380 x 800 mm	400 V; 50 Hz; 0,6 kW
	H-4K-1250	1,250 kg	4,000 x 2,000 mm, ab 2 mm	215 kg	4 / ø 495 mm	2,850 x 500 x 820 mm	400 V; 50 Hz; 0,6 kW
	H-6Q-150	150 kg	3,000 x 1,500 mm, ab 1 mm	88 kg	6 / ø 130 mm	2,200 x 1,000 x 720 mm	230 V; 50 Hz; 0,3 kW
	H-6Q-300	300 kg	3,000 x 1,500 mm, ab 1 mm	90 kg	6 / ø 170 mm	2,200 x 1,000 x 720 mm	230 V; 50 Hz; 0,3 kW
	H-6Q-500	500 kg	3,000 x 1,500 mm, ab 1 mm	95 kg	6 / ø 210 mm	2,200 x 1,000 x 730 mm	400 V; 50 Hz; 0,6 kW
	H-6Q-750	750 kg	3,000 x 1,500 mm, ab 1 mm	175 kg	6 / ø 270 mm	2,200 x 1,000 x 840 mm	400 V; 50 Hz; 0,6 kW
	H-6Q-1000	1,000 kg	3,000 x 1,500 mm, ab 1 mm	180 kg	6 / ø 315 mm	2,200 x 1,000 x 840 mm	400 V; 50 Hz; 0,6 kW
	H-6Q-1250	1,250 kg	3,000 x 1,500 mm, ab 1 mm	195 kg	6 / ø 340 mm	2,200 x 1,000 x 890 mm	400 V; 50 Hz; 0,6 kW
	H-8Q-150	150 kg	4,000 x 2,000 mm, ab 1 mm	90 kg	8 / ø 130 mm	3,200 x 1,400 x 730 mm	230 V; 50 Hz; 0,3 kW
	H-8Q-300	300 kg	4,000 x 2,000 mm, ab 1 mm	95 kg	8 / ø 130 mm	3,200 x 1,400 x 730 mm	230 V; 50 Hz; 0,3 kW
	H-8Q-500	500 kg	4,000 x 2,000 mm, ab 1 mm	115 kg	8 / ø 210 mm	3,200 x 1,400 x 770 mm	400 V; 50 Hz; 0,6 kW
	H-8Q-750	750 kg	4,000 x 2,000 mm, ab 1 mm	120 kg	8 / ø 210 mm	3,200 x 1,400 x 860 mm	400 V; 50 Hz; 0,6 kW
	H-8Q-1000	1,000 kg	4,000 x 2,000 mm, ab 1 mm	195 kg	8 / ø 270 mm	3,200 x 1,400 x 860 mm	400 V; 50 Hz; 0,6 kW
	H-8Q-1250	1,250 kg	4,000 x 2,000 mm, ab 1 mm	210 kg	8 / ø 315 mm	3,200 x 1,400 x 890 mm	400 V; 50 Hz; 0,6 kW

* It is important that there is no bending of the load during transportation.
The above maximum load sizes refer to steel sheet thickness of 1 or 2 mm.
A different thickness or material may alter the specifications.

Application fields



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7



Picture 8

More than 40 years ... more than 20,000 devices worldwide

VACU-LIFT Transport Systems are designed for various branches of industry and multifunctional applications. Either as a standard or as a customised system.

Individual fields of application and the enormous versatility of our vacuum transport systems leave nothing to be desired. Our solutions are the essential component for the economical and failure free operation of many companies.

Easy Solutions For Heavy Loads.

Service

One part of our services is the prompt delivery of all relevant components.

Furthermore, our team of experienced customer engineers and service technicians are also at your disposal.

Accessories



Small resting trestles



Operating panel



Automatic control



Cable remote control



400 V Switch box



Safety webbing (pair)



Foldable beam



Weld-on hooks



Quick-change set small



Chain suspension



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We will always have and take time for our customers.

We hope this brochure has provided you with a first impression and an interesting overview about the VACU-LIFT standard powered systems for the gentle transport of your loads, also for sensitive products.

If you would like to learn more about our products give us a call.

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