

Vacuum Lifting Equipment VTH-series Blower vacuum

The solid frame is able to lift 150 Kg. The various suction pads are easy to change by 4 bolts.

The suction pad is attached directly to the suction nozzle, without hose connections. On the suction nozzle a piece of gauze is mounted which ensures that the pump stays as much as possible free of sand. The VTH 150 BL can be attached to your machine, or operated by hand with the use of the multifunctional steering handle. BL stands for Blower vacuum. This vacuum technology enables it to move and reposition porous materials. Blower vacuum has a high degree of air movement, which ensures that even on porous materials, despite the constant "air leakage", we will reach sufficient vacuum to be able to lift and reposition safely.

Vacuum unit VTH-150-BL

Propulsion: Electric, 220v – Capacity vacuum pump: 1400w, 16m3. Save working load with current suction pads 150 kg
Standard, **incl.** lifting/steering handle with release valve, and 10mtr electric cable

Price	Art.nr.	20010001	€ 1.400,00
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Suction pads VTH-150-BL

Dimension suction pad	s.w.l. at -0,20 bar	Art.nr.		
230x230mm	30 kg	70080008	€	225,00
280x280mm	50 kg	70080009	€	250,00
200x400mm	55 kg	70080011	€	250,00
300x400mm	95 kg	70080001	€	200,00
300x600mm	150 kg	70080002	€	250,00

Other dimensions on request

Vacuum Lifting Equipment VTH-series High vacuum

The VTH-series vacuum units consist of a vacuum pump which is built into a robust frame which is designed to be a lift able frame with a maximum capacity of 250 kg, (VTH250) or 500 kg. (VTH500). The robust frame can be lifted by a machine using a chain, or by hand, by using the lifting/steering handles (VTH 250). At the bottom of the vacuum unit is a connecting point on which one can simply change a large selection of suction pads.

The vacuum connection of the suction pads on the vacuum unit happens through vacuum hoses with quick couplings.

All our vacuum systems have been carried out with a vacuum buffer tank so that a large security is guaranteed.

There is a vacuum gauge mounted on which it is visible if it is safe to lift, also there is an acoustic warning device.

The vacuum units are designed for heavy construction duty and suction pads are solid. The VTH-series is only suitable for lifting and repositioning air tight material.

Vacuum unit VTH-250-A

The vacuum unit is equipped with a 12V battery. The vacuum switches on and off automatically when the vacuum is reached.

This is in order to save the battery, so that it is less likely to be charged. Picking up and release shall take place manually.

Vacuum pump capacity 32.5 l/min. Safe lifting capacity of this vacuum unit is 250 kg.

Price= **Incl.** suction pad (250 kg.) and lifting/steering handle with release valve.

Price	Art.nr.	20020001	€ 2.095,00
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Vacuum unit VTH-500-A

The vacuum unit is equipped with a 12V battery. The vacuum switches on and off automatically when the vacuum is reached.

This is in order to save the battery, so that it is less likely to be charged. Picking up and release shall take place manually.

Vacuum pump capacity 65 l/min. Safe lifting capacity of this vacuum unit is 500 kg

Price= **Incl.** suction pad (500 kg.) and steering handle.

Price	Art.nr.	20040001	€ 2.750,00
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Transport carrier VTH-series.

A transport carrier, suitable for the VTH-series, makes it possible to operate with one person. Expected end 2014

Price	Art.nr.	?	?
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Suction pads VTH-Series High vacuum

Dimension suction pad	s.w.l. at -0,60 bar			
300x400mm	250 kg	Art.nr.	70080004	€ 255,00
400x500mm	500 kg	Art.nr.	70080005	€ 287,00
120x900mm	230 kg	Art.nr.	70080007	€ 375,00

Other dimensions on request

Vacuum unit VHU-1000-B

The VHU-1000-B consist of a vacuum pump, internal combustion engine, and vacuum filter, built in a steel frame. (frame = buffer tank)
Lifting capacity of this frame is 1000kg. Weight of the unit is 85kg, and you can use it on the front, or mount it in the back, for instance between the Roll Over Bar. Because of the low weight, this unit is excellent for usage in combination with small wheel loaders, and mini excavators. Several suction pads possible.

Vacuum unit VHU-1000-B.

The unit is equipped with a manual started, 6,5hp WEIMA Petrol engine. Picking up and release takes place manually.

Vacuum pump capacity 48m³/1800rpm.

Price: excl. possible suction pads. Art.nr. 30010008 € 3.375,00

Vacuum unit VHU-1000-B.

The unit is equipped with a manual started, 5,5hp HONDA Petrol engine. Picking up and release takes place manually.

Vacuum pump capacity 48m³/1800rpm.

Price: excl. possible suction pads. Art.nr. 30010008 € 3.750,00

Support frame VHU-1000-B .

Support frame for the VHU-1000-B to store, and transport the unit safe and simple

Price Art.nr. 30010009 € 120,00

Vacuum unit VHU-3000

The VHU-3000 series consist of a vacuum pump, internal combustion engine, vacuum buffer tank and vacuum filter built into a robust frame which is designed to be a lift able frame with a maximum capacity of 3000 kg. The robust frame can be lifted through a chain on an excavator, or by usage of the equipped pallet frame on for instance a wheel loader. At the bottom of the vacuum unit is a connection point that can be used to connect a large variety of suction pads to be connected with chains. At the same time, the bigger suction pads, and frames for multiple suction pad use can be installed directly to the frame, in which case we can have a fixed connection. The vacuum hoses are connected with quick couplings.

All our vacuum systems are equipped with a vacuum buffer tank so that a major safety is guaranteed. The vacuum unit is equipped with 4 legs so you can store the vacuum unit safe and simple. There is a vacuum gauge mounted on which it is visible if it is safe to lift.

The vacuum units are designed for heavy construction duty and suction pads are solid.

Vacuum unit VHU-3000-B.

The unit is equipped with a manual started, 5,5hp HONDA Petrol engine. Picking up and release takes place manually.

Vacuum pump capacity = 48m³/1800rpm.

Price: excl. suction hose set and possible suction pads. Art.nr. 30010004 € 4.875,00

Vacuum unit VHU-3000-BER.

The unit is equipped with a electrical started, 5,5hp HONDA Petrol engine. The picking up and release takes place through a radiographic remote control. Unit is also equipped with a 12V battery, electrical switch box, and big visible warning lights to make clear if it is safe to lift.

(red=unsafe/green=safe) Vacuum pump capacity = 48m³/1800rpm.

Price: excl. suction hose set and possible suction pads. Art.nr. 30010010 € 6.990,00

Vacuum unit VHU-3000-D.

The unit is equipped with a manual started, 5hp YANMAR Diesel engine. Picking up and release takes place manually.

Vacuum pump capacity = 48m³/1800rpm.

Price: excl. suction hose set and possible suction pads. Art.nr. 30010006 € 6.075,00

Vacuum unit VHU-3000-DER.

The unit is equipped with a electrical started, 5hp YANMAR Diesel engine. The picking up and release takes place through a radiographic remote control. Unit is also equipped with a 12V battery, electrical switch box, and big visible warning lights to make clear if it is safe to lift.

(red=unsafe/green=safe) Vacuum pump capacity = 48m³/1800rpm.

Price: excl. suction hose set and possible suction pads. Art.nr. 30010011 € 7.925,00

Vacuum unit VHU-3000-H.

The unit is equipped with a hydraulic engine. Picking up and release takes place manually.

Vacuum pump capacity = 48m³/1800rpm.

Price: excl. suction hose set and possible suction pads.

Art.nr. 30010007 € **4.250,00**

Vacuum unit VHU-3000-HE.

The unit is equipped with a hydraulic engine. The picking up and release takes place through a electric remote control (wired)

Picking up, 1 button, release 2 buttons. (in conformity with CE regulations)

Vacuum pump capacity = 48m³/1800rpm.Necessary electricity 12/24V from Machine in question.

Price: excl. suction hose set and possible suction pads.

Art.nr. 30010012 € **5.250,00**

Suction pads VHU-Series

Dimension suction pad	s.w.l. at -0,70 bar	Steering handle possible	Art.nr.	Price
100x500mm	115 kg	v	70090004	€ 285,00
100x900mm	215 kg	v	70090005	€ 325,00
120x900mm	265 kg	v	70090006	€ 375,00
300x900mm	800 kg	x	70090017	?
280x280mm	220 kg	v	70090008	€ 325,00
300x400mm	350 kg	v	70090013	€ 255,00
380x380mm	430 kg	v	70090014	€ 275,00
400x1500mm	1650 kg	x	70090018	?

Dimension suction pad	s.w.l. at -0,70 bar	Steering handle possible	Art.nr.	Price
450x600mm	670 kg	x	70090009	€ 715,00
500x1000mm	1400 kg	x	70090019	?
600x600mm	1000 kg	x	70090015	€ 395,00
700x900mm	1800 kg	x	70090010	€ 905,00
Tile frame-4, 4 tiles 30x30.	4x40 kg	x	70090016	€ 1.250,00
Tile frame-6, 6 tiles 20x20.	6x40 kg	x	70090017	€ 1.750,00
Tile frame-12	12x40 kg	x	70090003	€ 3.500,00

Other dimensions on request

Accessories for vacuum units and suction pads

Lifting hook to be used instead of a steering handle	Art.nr:	70090002	€ 55,00
Steering handle with build-in release valve for various suction pads not to be used in combination with bigger suction pads.	Art.nr:	30010003	€ 245,00
Manual operated release valve (inline)	Art.nr:	30020006	€ 100,00
Manual operated release valve (inline) complete with vacuum gauge	Art.nr:	30020031	€ 120,00
45° lifting hook for placing the suction pad under 45°	Art.nr:	70090001	€ 155,00
Vacuum hose black 1" (inside 25mm) UV protected per/meter	Art.nr:	70120012	€ 12,80
Vacuum hose set 2,5 meter black 1" (inside 25mm) UV protected, including quick couplings	Art.nr:	70120011	€ 48,00
Vacuum hose set 5 meter black 1" (inside 25mm) UV protected, including quick couplings	Art.nr:	70120008	€ 80,00
Vacuum hose set 10 meter black 1" (inside 25mm) UV protected, including quick couplings	Art.nr:	70120010	€ 144,00
Quick coupling (M) 1" hose pilar	Art.nr:	70190002	€ 7,00

Accessories for vacuum units and suction pads

Quick coupling (VR) 1" hose pilar	Art.nr:	70190004	€	11,80
Approved single chain with safety hooks max. lifting capacity 500kg	Art.nr:	70180005	€	102,50
Approved 4 way chains without hooks max. lifting capacity 2250kg	Art.nr:	70180001	€	256,00
Special fastening set for suction pad 700x900	Art.nr:	70180006	€	180,00
4x approved single chain without hooks max. lifting cap. each 500kg	Art.nr:	70180004	€	202,00
2 ton harp closure including steel bolt, serial number YE.SH03.002	Art.nr:	70180002	€	5,95
3.25 ton harp closure including steel bolt, serial nr. YE.SH03.003.25	Art.nr:	70180003	€	6,95