



鋒碩自動化股份有限公司

精心 - 精品 - 精誠 - 精業



The Home of Vacuum Lifting Technology

SAFETY IN LIFTING
SIMPLE OPERATION WITHOUT EFFORT
VARIOUS DESIGNS FROM FIXED TO PORTABLE

關於我們

鋒碩自動化股份有限公司『FULL-SHARP』，創立於西元1991年，成立之時即以自創品牌，自行研發設計、製造及安裝。除了傑出的設計群組外，還請專業教授及團隊協助鋒碩自動化股份有限公司『氣動式懸浮吊臂』『電控式無重力系統』控制研發及性能改善，氣/液壓控制改電子控制系統相關產品之研發。多年以來不斷以客人的需求改良為最省力及小而美的外觀，來服務更多的顧客，深受知名廠商良好的評價；未來鋒碩全體團隊會不斷開發以精心、精品、精誠、精業的精神來服務各市場的顧客。



LIFTS ALL basic



LIFTING WITH BASIC: VACUUM & HOOK

Lifts All 是全球領先的省力搬運設備製造商之一。我們廣泛的產品設計為全球大多數行業提供了根據每種需求量身定制的人體工學解決方案。我們讓您輕鬆工作！

LIFTING WITH BASIC

使用 BASIC 更快!

Basic 是一款全能真空搬運機，非常適合需要快速平穩地移載物件和紙箱。

升降速度與高度可隨意控制

一旦 Basic 的真空吸盤到達設定真空值時，它就會自動解除安互鎖並準備好提升。使用者能透過上下兩個按鈕來控制治具的速度和高度。按鈕按的越大力，Basic 向上或向下移動的速度就越快。而且真空吸盤可以無限旋轉，紙箱便可以輕鬆放置在所需的位置。

易於使用 - 快速啟動

把手經過專門設計，無論手的大小、左手、右手皆能輕鬆操作。由於符合人體工學的設計和本能的控制

安全第一

Basic 是一種安全的省力搬運工具。設備需先卸載，直到負載卸載後，按壓紅色釋放鈕才能破真空，放下工件。

若出現以下情況，則絕不允許舉升/釋放

1. 真空度若低於預設值，則絕不允許舉升。
2. 真空吸盤若吸附工件且還沒卸載時，在空中按壓紅色釋放鈕(破真空)，則無法放下工件。





省錢-省力

Basic 是氣動控制的省力設備，不同於傳統的真​​空搬運機。這會對經濟和環境產生有益的影響，在操作過程中保持安靜。

與傳統的真​​空搬運機不同，Basic 知道何時打開和關閉。當真空吸盤下降到工件表面上時，智慧型自動啟動功能就會立即開啟。如果表面氣密，即使在提升過程中，Basic 也會立即停止消耗空氣。例如，當提起堅固的紙箱時，Basic 只會消耗保持適當真空水平所需的空氣量。最大的區別是：當治具未承載任何負載或不使用時，不會浪費氣源。

產品規格

最大載重: 35 kg/50 kg

上下行程: 1,5 米

氣源: 6-7 kg/cm²

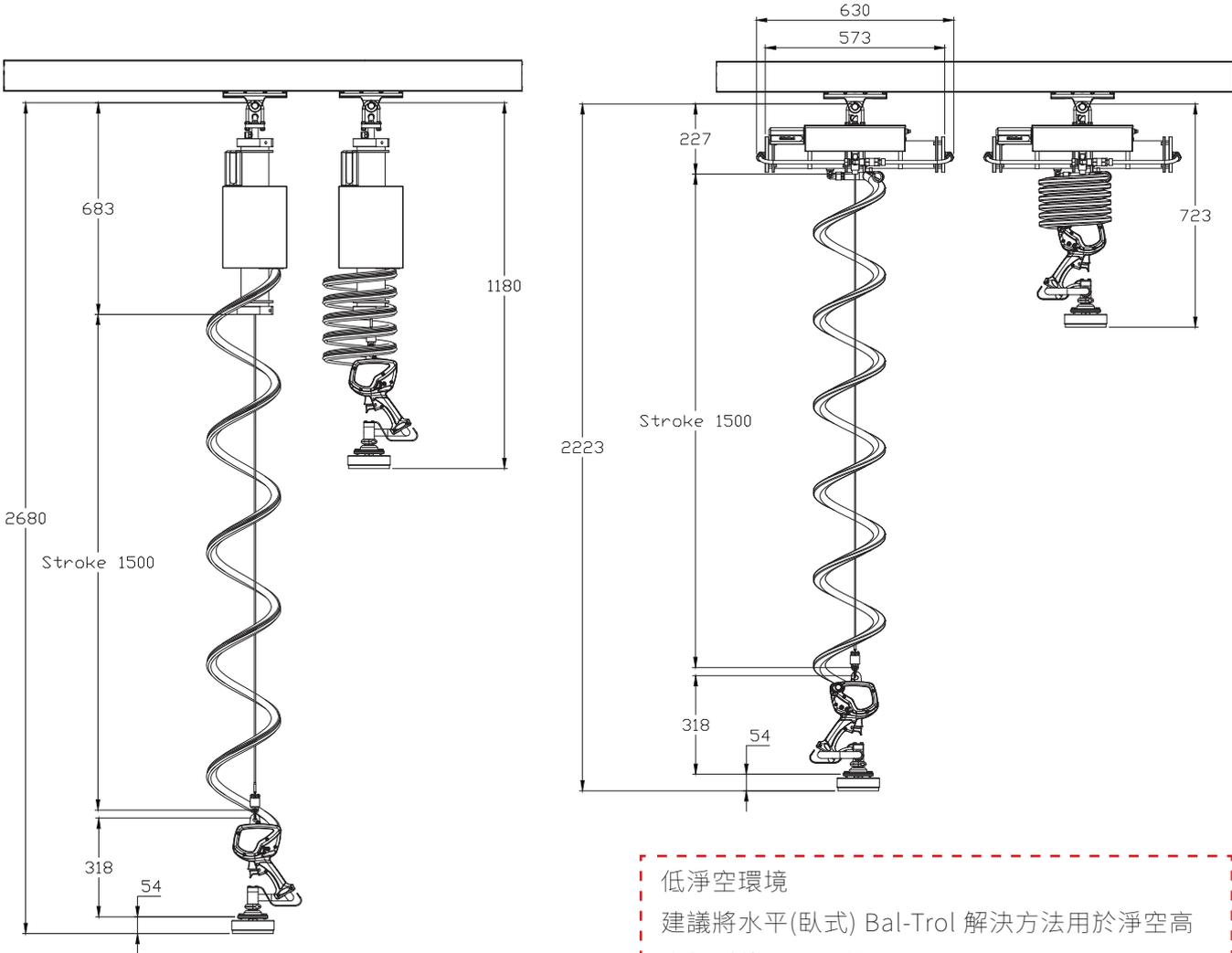
吸盤旋轉: 無線

噪音水平 - 紙箱: 66 dB

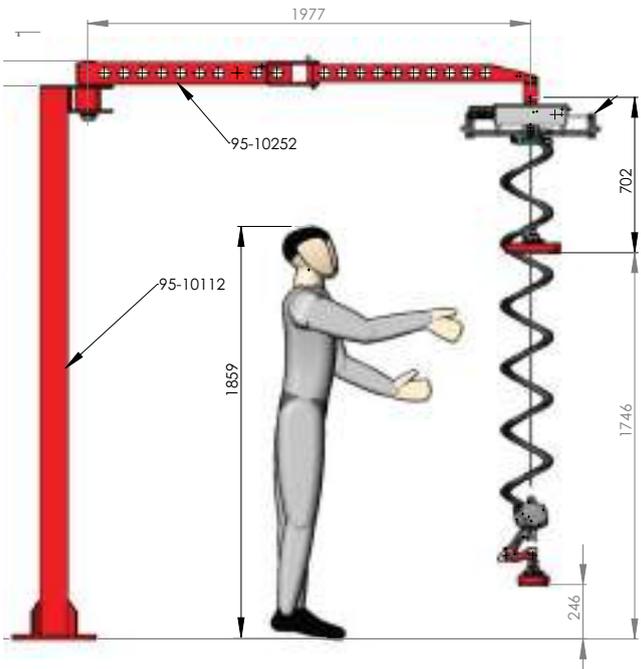
噪音水平 - 氣密: 0 dB

LIFTING WITH BASIC

垂直(立式)/水平(臥式) BAL-TROL 帶 BASIC



低淨空環境
建議將水平(臥式) Bal-Trol 解決方法用於淨空高度較低的工作場所。



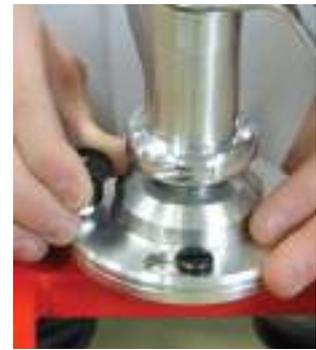
FLEXICRANE WITH BASIC*

與其他輕型旋臂搬運機相比，曲臂 FlexiCrane 因其身的重量輕和滾珠軸承雙接頭而顯得格外靈活。自 FlexiCrane 還提供可移動式版本，只需使用油壓板車即可輕鬆移動。

LIFTING WITH BASIC

多功能快速更換接頭

Basic 可以快速更換真空吸盤或吊鉤。用戶可以立即更換真空吸盤或吊鉤來適應工件不同的材料、重量和尺寸。



Pull it.



Turn it.



Switch it!



JOINTS



Swiveling Ball Joint

For heavy loads where the weight is divided unevenly or if the grip surface is uneven. Lets the vacuum head and load pivot 15 degrees and rotate endlessly. Easy to change.



Swiveling Joint

Endlessly rotating. Easy to change.

BASIC STANDARD APPLICATIONS



Single Small
 Cup diameter: 110 mm
 Max load - carton: 12 kg
 Max load - flat air tight: 22 kg

Single Medium
 Cup diameter: 150 mm
 Max load - carton: 25 kg
 Max load - flat air tight: 43 kg

Single Large
 Cup diameter: 200 mm
 Max load - carton: N/A
 Max load - flat air tight: 50 kg



I-frame Small
 Cup diameter: 75 mm
 Outer distance (A): 277 mm
 Cups distance (B): 111 mm
 Center distance (CC): 194 mm
 Max load - carton: 12 kg
 Max load - flat air tight: 20 kg

I-frame Medium
 Cup diameter: 110 mm
 Outer distance (A): 318 mm
 Cups distance (B): 70 mm
 Center distance (CC): 194 mm
 Max load - carton: 24 kg
 Max load - flat air tight: 44 kg

I-frame Large
 Cup diameter: 150 mm
 Outer distance (A): 360 mm
 Cups distance (B): 28 mm
 Center distance (CC): 194 mm
 Max load - carton: 50 kg
 Max load - flat air tight: 50 kg



H-frame Small
 Cup diameter: 75 mm
 Outer distance (A): 228 mm
 Cups distance (B): 62 mm
 Center distance (CC): 145 mm
 Max load - carton: 24 kg
 Max load - flat air tight: 40 kg

H-frame Medium
 Cup diameter: 110 mm
 Outer distance (A): 269 mm
 Cups distance (B): 21 mm
 Center distance (CC): 145 mm
 Max load - carton: 50 kg
 Max load - flat air tight: 50 kg



Sack Frame Small
 Length: 250 mm
 Width: 135 mm
 Max load: 50 kg

Sack Frame Large
 Length: 415 mm
 Width: 260 mm
 Max load: 50 kg



Swiveling hook for buckets, bags, etc.
 Width: 70 mm
 Height: 106 mm
 Depth: 24 mm
 Max load: 50 kg



Hook for EU pallets
 Max load: 50 kg

Please note:
 - Safety factor 2 is included in all max loads.
 - Cup diameters are approximate.
 - Contact us for tailor-made I-frames and H-frames!

LIFTS **ALL** flexicrane



LIFTING WITH FLEXICRANE

量身訂製的人體工學解決方案。我們輕鬆舉起！
我們廣泛的產品系列為全球各行業提供省力搬運
設備

Lifts All是世界領先的省力運搬設備製造商之

吊掛固定式



曲臂 FLEXICRANE
無論您走到哪裡，曲臂 FlexiCrane 都會跟隨您 - 平穩且安靜！

FlexiCrane 根據工作場所的設計，透過鋼柱安裝在牆壁、天花板或地板上。立柱的高度是客製化的。配備客製化治具的 FlexiCrane 始終有足夠的空間！

容易安裝

由於重量輕的設計和方便的尺寸，FlexiCrane 可以立即輕鬆安裝，因此成本較低。

簡單的使用

設備重量輕，加上低摩擦軸承，使其工作時非常安靜且平穩。

產品規格

最大載重: 65 kg
工作範圍: 3 米
旋轉: 360度

氣源: 6-7 kg/cm²
表面處理: 噴砂烤漆黃色



立柱式
立柱高度: 2500 mm
(可按照現場來克制)



掛住式
離地高度: 2500 mm
(可按照現場來克制)



吊掛固定式
離地高度: 2500 mm
(可按照現場來克制)



移動底板式
底板尺寸: 1100x1100mm
(也可以選配立柱升降型)

Lifts all - 客製化的多種類治具, 容易更換



夾筒子治具



夾飲料罐治具



吸電池治具



吸鐵板治具



夾門板治具



吸紙箱治具



搬卷料治具



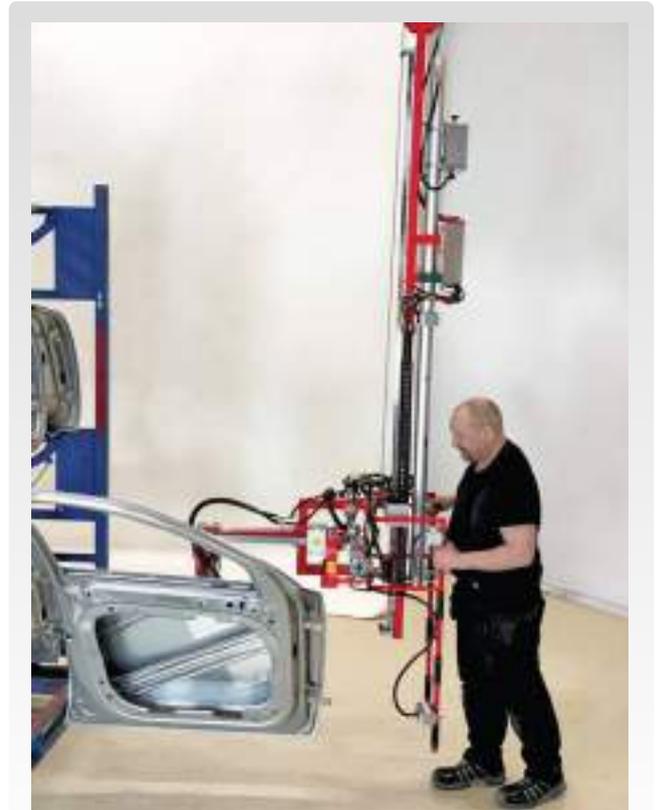
吸伺服器治具



吸瓦斯桶治具



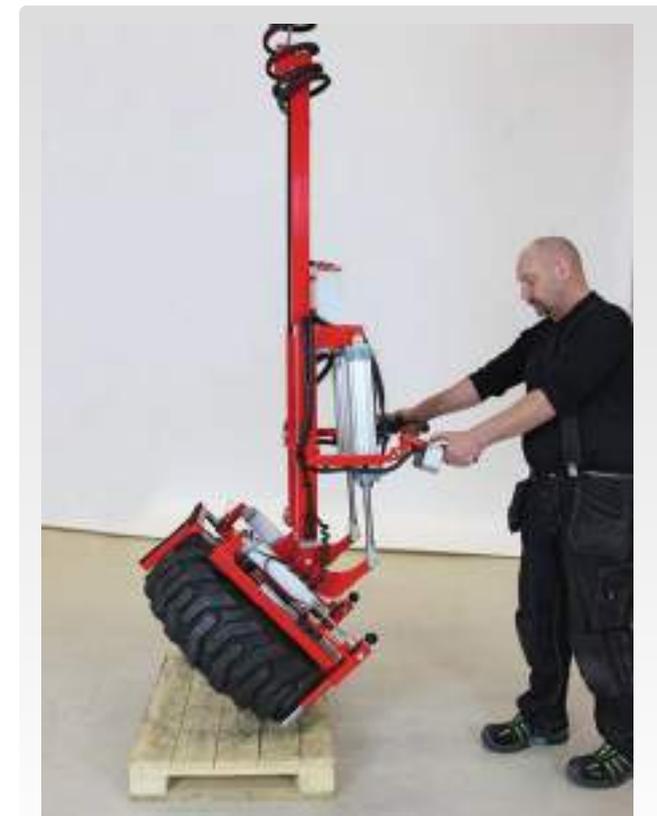
吸玻璃翻轉治具



吸車門治具

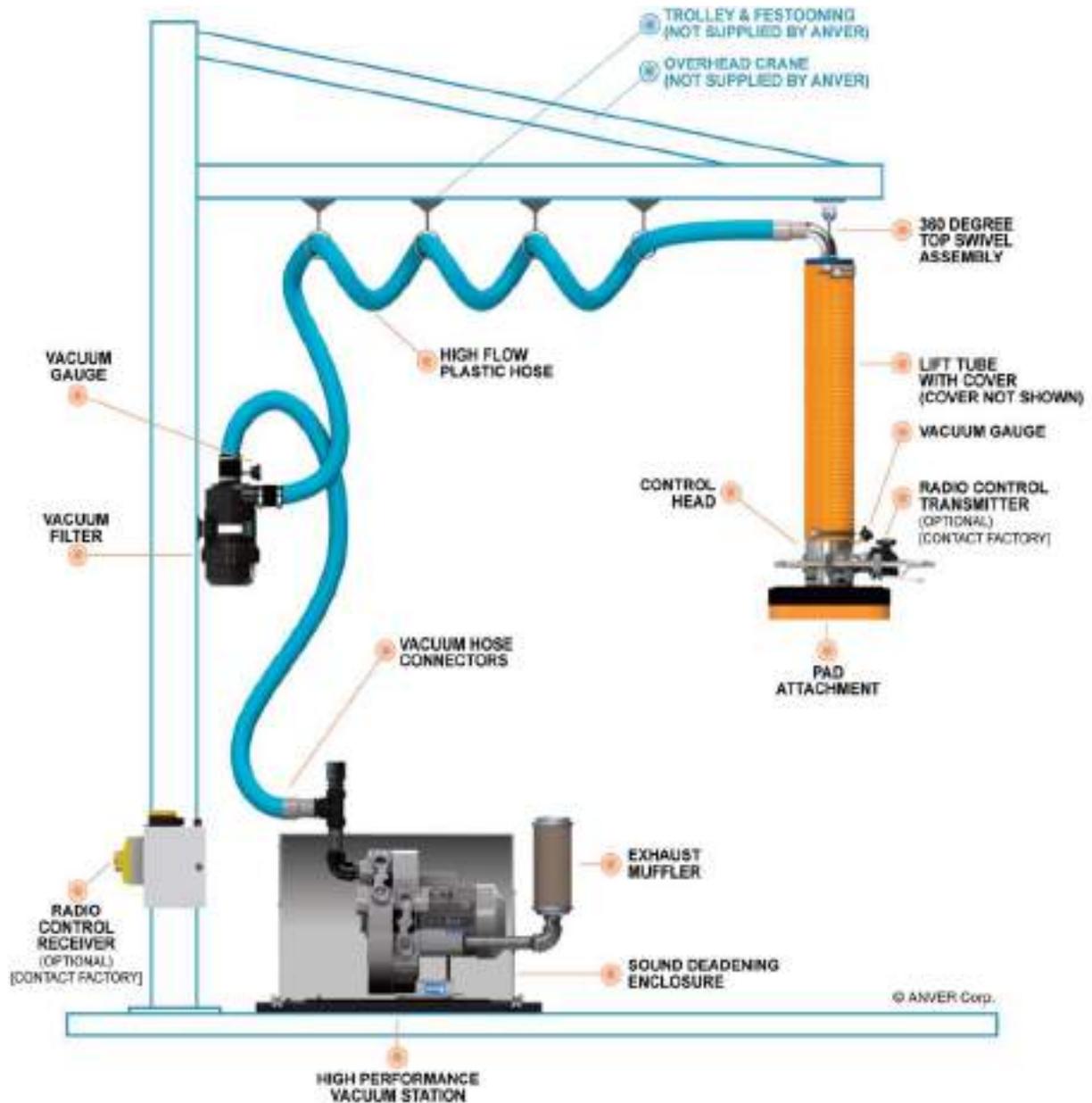


吸袋子治具



夾輪胎治具

真空搬運機的組成部件(標準型)



Standard Items Included with VT Vacuum Tube Lift System

- Lifting Tube with Tube Cover, 360° Top Swivel and Control Head (shipped assembled as a unit)
- One Standard Vacuum Attachment
- Vacuum Station with Muffler
- Filter with Vacuum Gauge
- One 25 foot length and one 6 foot length of Vacuum Hose (1.5 or 2.0 inch dia.) with Cuffs
- Instruction Manual

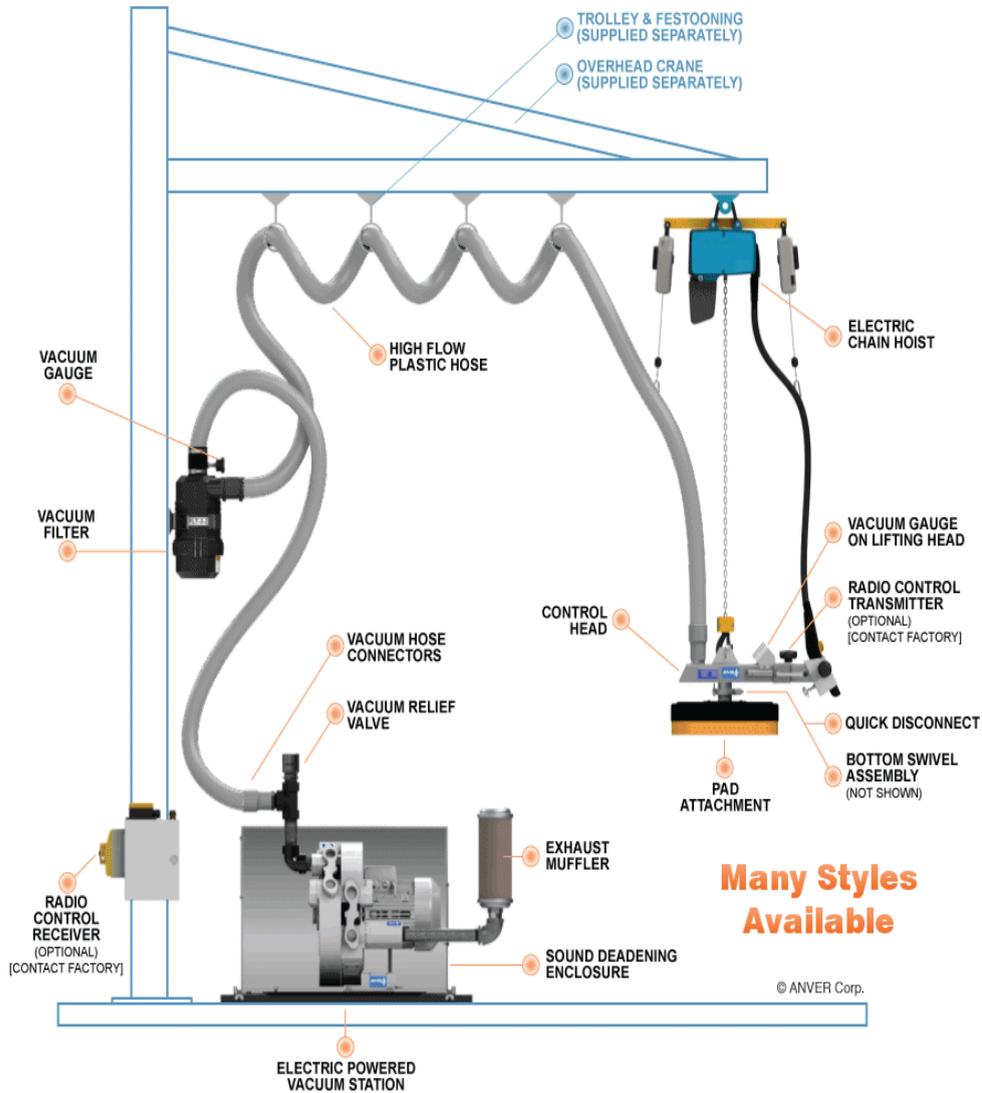
Optional Items

- Radio Controls for Remote Vacuum Station Power On/Off
- Vacuum Station Sound Deadening Enclosure
- Extended Length Control Handle
- Quick Disconnects for Control Head and/or Pad Attachment
- Gravity Filters
- Extensions
- Specialty valves for vacuum release assist or high-stack release and lift
- Vacuum Relief Valves for pump protection when handling non-porous loads or accidental "dead heading"

WARNING: Electrical Requirements

- All electrical installations should be performed by a qualified, licensed electrician.
- The VT system is powered by multiple horsepower motors which require 208/230/460V, 3 phase, 60 Hz, AC power.
- The minimum service amperage requirement is 20A at 208/230V; 10A at 460V. A magnetic starter is optional for simple On-Off control.

真空搬運機的組成部件(短距型)



實際應用在現場



標準和客製化控制把手選擇

操作人員可透過下壓及上撥控制撥桿來控制真空主吊管及真空吸盤的上升及下降。符合人體工學的控制方式使操作更輕鬆快速。



- ▶ 在某些情況下，當客戶的貨物堆疊得太高或太大時。可根據實際需求客製真空吸盤或延長控制把手的選擇。

Micro Vacuum Tube Systems

VT90						
Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-S	35 (16)	30 (14)	25 (11)	3.54 (90)	10 (64)	20 (127)
VBHV-S	55 (25)	40 (18)	25 (11)			
MSP00-S	52 (24)	39 (16)	26 (12)			

Mini Vacuum Tube Systems

VT100						
Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-S	45 (20)	40 (18)	30 (14)	3.9 (100)	12 (79)	24 (157)
VBHV-S	70 (32)	55 (25)	35 (16)			
VBHV-S	80 (36)	60 (27)	40 (18)			
MSP00-S (Pistol Grip Only)	55 (25)	40 (18)	28 (13)			
MSP00-S	62 (29)	47 (21)	31 (14)			

VT120

Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-S	65 (29)	55 (25)	45 (20)	4.7 (120)	18 (113)	35 (228)
VBHF-FR-S	70 (32)	60 (23)	35 (16)			
VBHV-S	105 (48)	80 (36)	50 (23)			
VBHV-S	115 (52)	85 (39)	60 (27)			
MSP400-S	95 (43)	71 (32)	47 (21)			

VT140

Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-S	90 (41)	75 (34)	65 (29)	5.5 (140)	24 (154)	48 (308)
VBHF-FR-S	100 (45)	75 (34)	50 (23)			
VBHV-S	135 (61)	100 (45)	65 (29)			
VBHV-S	155 (70)	115 (52)	75 (34)			
MSP400-S	120 (54)	90 (41)	60 (27)			

Standard Vacuum Tube Systems
VT160

Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-S	115 (52)	100 (45)	80 (36)	6.3 (160)	31 (201)	62 (402)
VBHF-FR-S	130 (59)	95 (43)	65 (29)			
VBHV-S	150 (68)	110 (50)	75 (34)			
VBHF-S	125 (57)	115 (52)	100 (45)			
VBHV-S	185 (84)	135 (61)	95 (43)			
MSP400-S	135 (61)	101 (46)	67 (30)			

VT180

Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-S	150 (68)	125 (57)	105 (48)	7.1 (180)	39 (254)	79 (509)
VBHF-FR-S	170 (77)	130 (59)	85 (39)			
VBHV-S	175 (79)	130 (59)	85 (39)			
VBHF-S	155 (70)	140 (64)	125 (57)			
VBHV-S	235 (107)	180 (82)	120 (54)			
MSP400-S	157 (71)	118 (53)	78 (35)			

VT200

Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-S	180 (82)	155 (70)	130 (59)	7.9 (200)	49 (314)	97 (628)
VBHF-FR-S	215 (98)	160 (73)	105 (48)			
VBHV-S	215 (98)	160 (73)	110 (50)			
VBHF-S	200 (91)	180 (82)	160 (73)			
VBHV-S	295 (134)	220 (100)	150 (68)			
MSP400-S	195 (88)	146 (66)	97 (43)			

VT250

Vacuum Station Model No.	Non-Porous Load With ANVER Set Vacuum Relief Valve lb (kg)	Semi-Porous Load lb (kg)	Porous Load lb (kg)	Lift Tube Diameter in. (mm)	Lift Tube Area sq in. (sq cm)	Minimum Pad Area to Maintain 2:1 Ratio sq in. (sq cm)
VBHF-FR-S	345 (157)	280 (118)	170 (77)	9.8 (250)	76 (491)	152 (982)
VBHF-S	330 (150)	265 (120)	215 (98)			
VBHV-S	390 (177)	295 (134)	195 (88)			

**ANVER strongly recommends a vacuum relief valve in order to allow enough free air flow to avoid internal heat build-up. Excessive thermal expansion of the impeller/chamber will cause interference and friction, resulting in premature wear, internal pump damage, or seizure.

* The lifting capacity ranges shown above should only be used as general guidelines. Actual system capacities are dependent on several factors (load surface porosity, load density, vacuum station, pad attachment, etc.). We offer many combinations of VT Vacuum Tube Lifting Systems within each model range. Contact your local ANVER dealer for a free evaluation and recommendation of a system combination that will most economically and safely satisfy your load handling requirements.

For some applications, tube lifting systems may not offer the proper lifting capability which is why ANVER also offers combination hoist or balancer lifting systems.



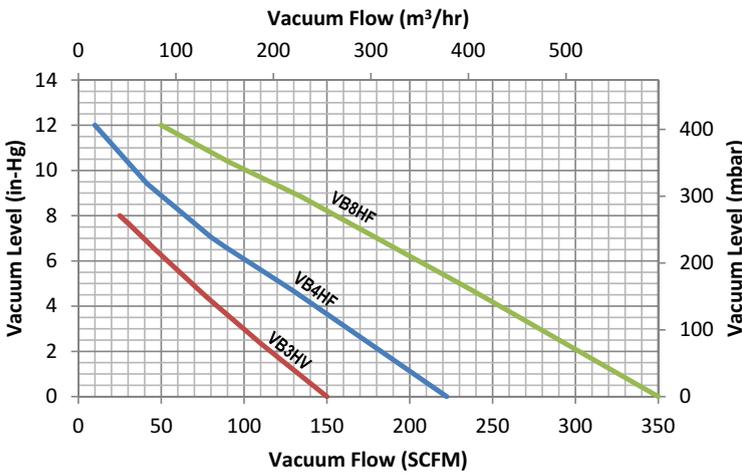
ANVER 提供專為搬運設計的精選型號高效能風機，並用作真空搬運機系統的一部分。這些革命性的真空幫浦提供緊湊、可靠、安靜、無振動的真空源。ANVER的優質真空幫浦由堅韌、高強度的材料製成，使用壽命長，而且重量輕，幾乎無需維護。其高效、最先進的設計已經淘汰了傳統通道鼓風機的舊設計。真空幫浦的流量高達480+cfm，真空度高達18吋汞柱。它們由高品質馬達提供動力，比競爭型號更節能，運轉所需的馬力更少，並提供多種型號以滿足您的真空搬運要求。

注意：也建議可選真空或洩壓閥。所有真空幫浦型號的額定噪音水準為 70-77dB。可選配專為每種幫浦型號設計的隔音箱，可進一步降低噪音等級 5-7dB。

Voltages Available	Phase	Cycle
Dual Voltage: 230/460 or 220/440 Single Voltage: 575V	3 phase	60
Single Voltage: 208/380V	3 phase	50

NOTE: When operated at 50 Hz, pump capacity is decreased by 1/6th (16.7%). Consult Factory for more information and other available non-standard configurations.

High-Flow Vacuum Pump and Stations



High Flow Pumps are especially suitable for porous load applications. They produce air flows up to 350 SCFM making them a natural choice for lifting porous and semi-porous loads. The three pump models available with varying capacities are listed in the High Flow Pump Specifications table below.

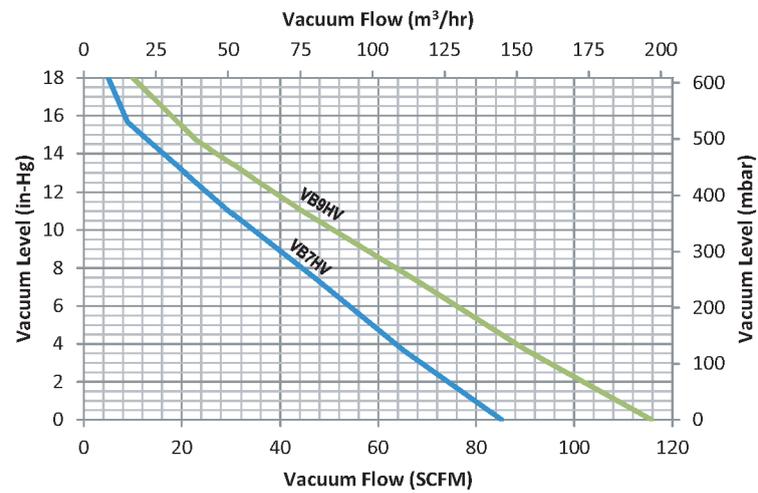
Note:

- Performance tolerance is +/- 10%.
- Performance curves are based on 60Hz power supply, air temperature of 60°F (15°C) at the inlet connection, and barometric pressure of 29.92 in. Hg absolute (1013 mbar) at the discharge connection.

Special Orders:

- Washdown (WAS): Stainless steel fittings
- Explosion proof models; consult Anver for availability.

High-Vacuum Pump and Stations



High-Vacuum Pumps produce vacuum up to 18 in. Hg, which makes them an ideal choice to lift heavy, non-porous to semi-porous loads. The two pump models available with varying capacities are listed in the High Vacuum Pump Specifications table below.

ANVER 採用高級不銹鋼設計和製造，提供帶有各種泡棉密封圈的真​​空吸盤。全不銹鋼結構非常適合製藥和食品加工行業的使用。

此外，ANVER還提供 BH90系列，該系列採用堅固的 ABS 塑料製成，重量輕，可提高舉升能力。

為了安全地搬運貨物，真空附件的表面積應至少是真空提升管橫截面積的兩倍（安全比為2:1）。

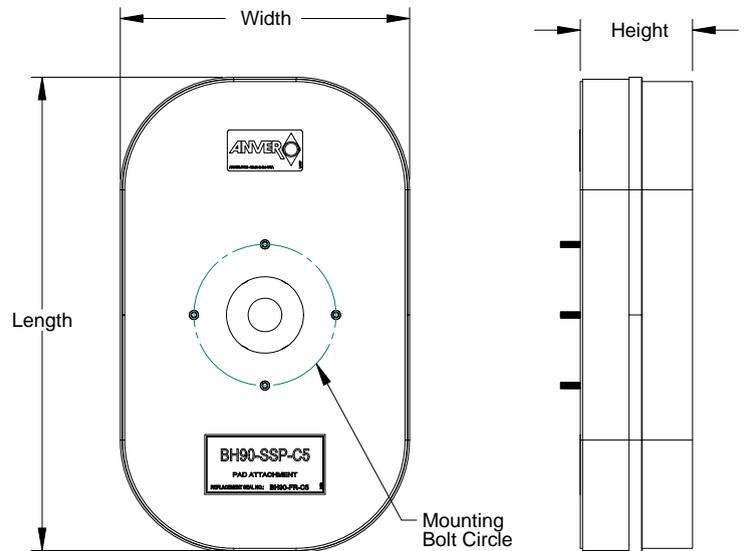
有多種密封類型適合各種應用，如下表所述。ANVER經常更新其密封件的樣式，以便與業界標準和新穎材料保持同步。

注意：由多孔材料（例如粗麻布）製成的袋子不適合真空搬運



Shown with Quick Release Mounting

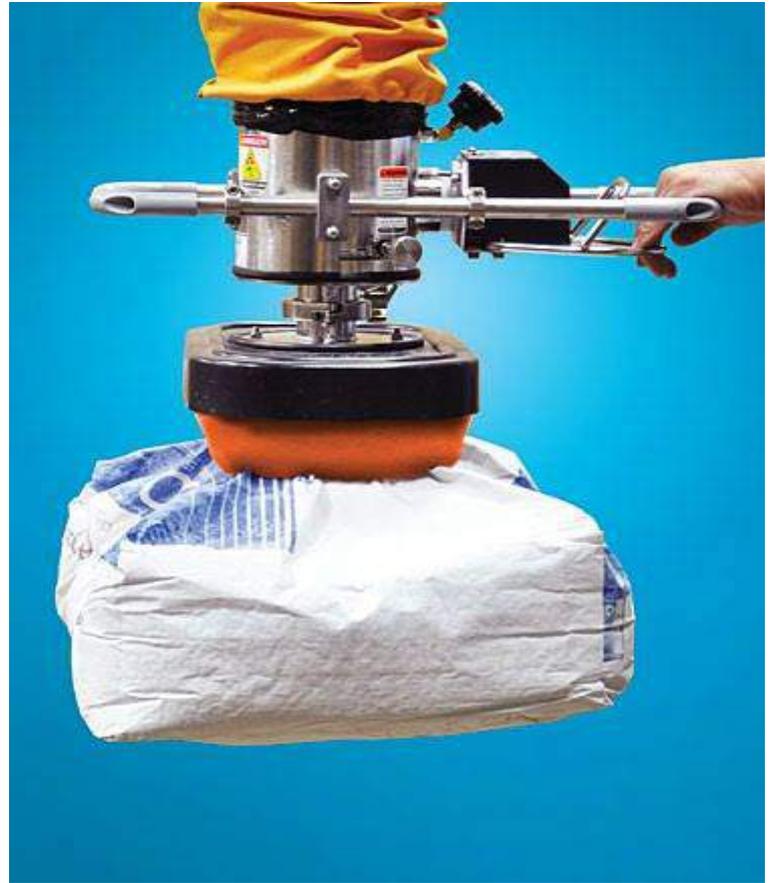
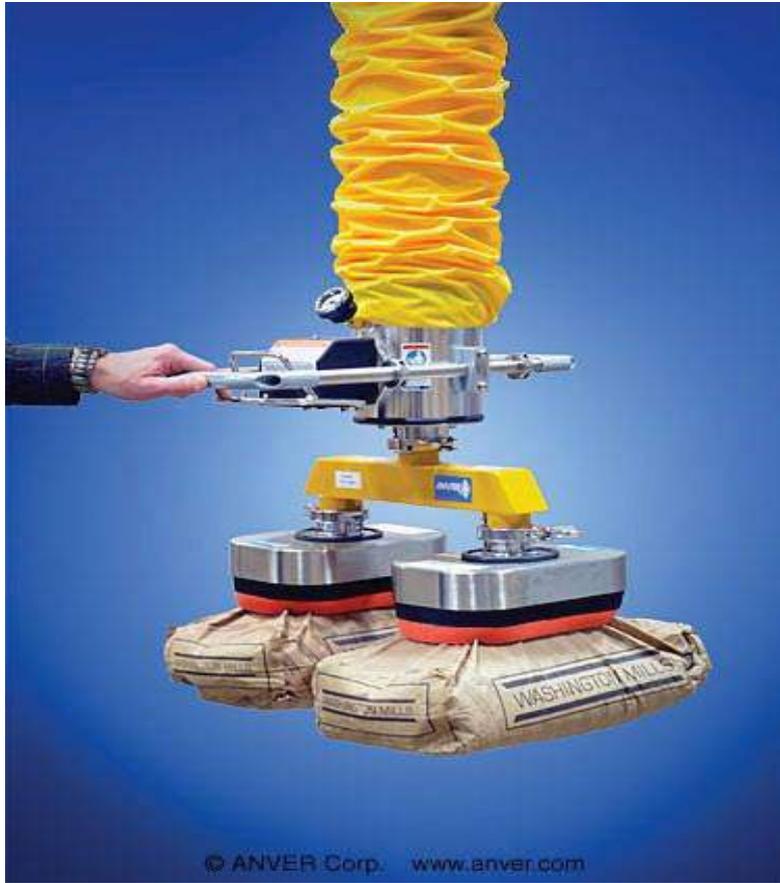
Foam Style	BH40	BH60	BH73	BH90	Applications
C5	●			●	Loosely packed paper Plastic bags
C6		●	●		Pails with filler cap, textured surface Loosely packed paper Plastic bags
G3G6	●			●	Bag-specific applications
G5C3		●			Pails
D2B4			●		Firmly Packed Bags & Masonry Surfaces
D2K4			●		Rigid, Textured or Rough Surfaces
E4	●				Firmly Packed Bags



Model No.	Dimensions W x L [in (cm)]	Height [in (mm)]	Mounting Bolt Circle [in (mm)]	Skirt Model No.	Seal Area [Sq in. (Sq cm)]	Minimum Number of Pads Required					
						Mini		Standard			
						VT120	VT140	VT160	VT180	VT200	VT250
BH40-SSP-G3G6	7.3 x 11.1 (18.6 x 28.2)	3.0 (76)	3.12 (80)	BH40-SK	52.5 (339)	1	1	2	2	2	N/A
BH40-SSP-C5	7.1 x 11.1 (18.0 x 28.2)	4.1 (104)	3.12 (80)	BH40-SK	42.6 (275)	1	2	2	2	N/A	N/A
BH40-SSP-E4		3.8 (96)	3.12 (80)	BH40-SK	42.6 (275)	1	2	2	2	N/A	N/A
BH60R-SS-C6	10.0 Dia. (25.4)	3.0 (76)	3.12 (80)	BH60-SK	56.0 (361)	1	1	1	2	2	N/A
BH60R-SS-G5C3		3.0 (76)	4.72 (120)	BH60-SK	58.0 (374)	1	1	1	2	2	2
BH73-SS-C6	7.4 x 15.4 (18.8 x 39.1)	3.0 (76)	4.72 (120)	BH73-SK	76.2 (492)	1	1	1	2	2	2
BH73-SS-D2B4		3.0 (76)	4.72 (120)	BH73-SK	76.2 (492)	1	1	1	2	2	2
BH73-SS-D2K4		3.0 (76)	4.72 (120)	BH73-SK	76.2 (492)	1	1	1	1	2	2
BH90-P-G3G6*	9.5 x 15.8 (24.1 x 40.1)	3.0 (76)	4.72 (120)	BH90-SK	108.0 (697)	1	1	1	1	1	2
BH90-P-C5*		4.1 (104)	4.72 (120)	BH90-SK	96.0 (619)	1	1	1	1	2	2
BH90-SSP-C5		4.0 (102)	4.72 (120)	BH90-SK	96.0 (619)	1	1	1	1	2	2
BH90-SSP-G3G6		3.0 (76)	4.72 (120)	BH90-SK	108.0 (697)	1	1	1	1	1	2

Notes: "P" designation indicates bag/sack head body is constructed with ABS plastic. Please contact ANVER about bag/sack head options for the VT300.

吸袋子的實際應用



吸紙箱的實際應用



其他實際應用



吸板材實際應用



吸桶子和捲料的實際應用



無動力真空吸盤

產品	特點
	<p>安全載重：80KG、300KG、800KG 動力系統：無動力，自吸式 產品特色：無需安裝，吸盤吊環直接與行車吊鉤連接即可； 無需任何控制按鈕，無需任何外部動力，不受斷電或電壓不足的影響； 適用於板，不銹鋼板、同樣適用於表面光滑緻密的其他金屬與非金屬板材的吊裝與搬運； 體積小巧，質量輕，負載大。</p>
	<p>安全載重：600KG、800KG、1000KG 動力系統：無動力、自吸式 產品特色：無需安裝，吸盤吊環直接與行車吊鉤連接即可； 無需任何控制按鈕，無需任何外部動力，不斷開電或電壓不足的影響； 適用於鋁板不銹鋼板、同樣適用於表面光滑緻密的其他金屬與非金屬板材的吊掛與搬運； 多個吸盤，多點吸附薄板更安全可靠。</p>

產品名稱及型號	安全載重	外型尺寸 (mm)	吸盤直徑 (mm)	吸盤個數	電源系統	控制方式	裝置自重
FS-WDL80-1S	80KG	Φ200x550	Φ200	1pcs	無動力	自動	5KG
FS-WDL300-1S	300KG	Φ360x700	Φ360	1pcs			26KG
FS-WDL800-1S	800KG	Φ450x850	Φ450	1pcs			90KG
FS-WDL600-6S	600 KG	2000x800x1140	Φ230	6pcs			180KG
FS-WDL800-4S	800KG	1500x800x1140	Φ300	4pcs			160 KG
FS-WDL1000-2S	1000KG	2000x450x1200	Φ450	2pcs			220 KG



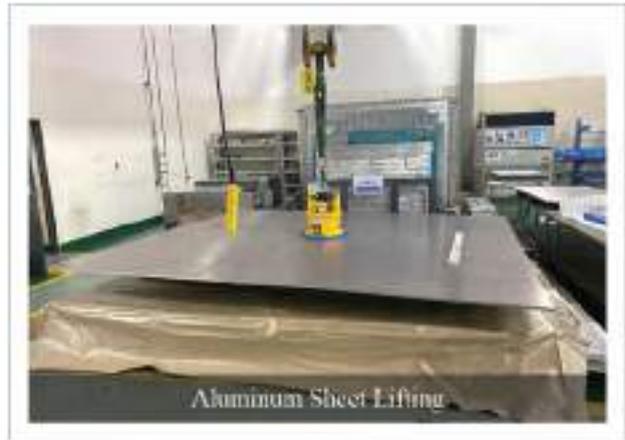
Mechanical Vacuum Lifter (Single Sucker)
FS-WDL80-IS (80KG)



Mechanical Vacuum Lifter (Single Sucker)
FS-WDL80-IS (80KG)



Mechanical Vacuum Lifter (Single Sucker)
FS-WDL300-IS (300KG)



Mechanical Vacuum Lifter (Single Sucker)
FS-WDL800-IS (800KG)



Mechanical Vacuum Lifter (6 Suckers)
FS-WDL600-6S (600KG)



Mechanical Vacuum Lifter (4 Suckers)
FS-WDL800-4S (800KG)

金屬板材真空吸盤

產品	特點
	<p>安全載重:500KG~2500KG</p> <p>動力系統:AC208-460V(±10%)</p> <p>產品特點:適合雷射切割上料,特別適用於板材表面狀況差及長時間不間斷作業的工況;吸氣速度快,真空度高,設備使用壽命長</p>
	<p>安全載重:500KG~2500KG</p> <p>動力系統:DC12V</p> <p>產品特點:特別適用於雷射切割板材上料、同樣適用於其他表面平整光滑的金屬與非金屬板材的吊裝與搬運;使用時無需外接電與氣,方便行車大範圍移動使用</p>
	<p>安全載重:≤500KG</p> <p>動力系統:壓縮空氣(0.6-0.8Mpa)</p> <p>產品特色:特別適用於短距離、密集性、頻繁操作的雷射切割板材上料;氣缸升降替代電動吊車更加高效;標配立柱旋臂使用,方便快捷。</p>

產品名稱及型號	安全載重	外型尺寸 (mm)	吸盤直徑 (mm)	吸盤個數	電源系統	控制方式	裝置自重
FS-BSJ500-6S	500kg	2000x800x720	Φ230	6 pcs	AC208-460V(±10%)	手動/遙控	120kg
FS-BSZ500-6S	500kg	2000x800x720	Φ230	6 pcs	DC12V		120kg
FS-BSQ500-6S	500kg	2000x800x2100	Φ230	6 pcs	氣動		155kg
FS-BSJ1000-6S	1000kg	2000x800x720	Φ300	6 pcs	AC208-460V(±10%)		125kg
FS-BSZ1000-6S	1000kg	2000x800x720	Φ300	6 pcs	DC12V		125kg
FS-BSJ800-8S	800kg	2800x800x720	Φ230	8 pcs	AC208-460V(±10%)		140kg
FS-BSZ800-8S	800kg	2800x800x720	Φ230	8 pcs	DC12V		140kg
FS-BSJ1500-8S	1500kg	2800x800x720	Φ300	8 pcs	AC208-460V(±10%)		150kg
FS-BSZ1500-8S	1500kg	2800x800x720	Φ300	8 pcs	DC12V		150kg
FS-BSJ1000-10S	1000kg	(1000+3000+1000)x1000x950	Φ230	10 pcs	AC208-460V(±10%)		250kg
FS-BSZ1000-10S	1000kg	(1000+3000+1000)x1000x950	Φ230	10 pcs	DC12V		250kg
FS-BSJ2000-10S	2000kg	(1000+3000+1000)x1000x950	Φ300	10 pcs	AC208-460V(±10%)		260kg
FS-BSZ2000-10S	2000kg	(1000+3000+1000)x1000x950	Φ300	10 pcs	DC12V		260kg
FS-BSJ2500-12S	2500kg	(1000+3000+1000)x1000x950	Φ300	12 pcs	AC208-460V(±10%)		280kg
FS-BSZ2500-12S	2500kg	(1000+3000+1000)x1000x950	Φ300	12 pcs	DC12V		280kg



Horizontal Lifting of Cold Rolled Sheet

AC-Vacuum Lifter (6 Suckers)
FS-BSJ1000-6S (1000KG)



Horizontal Lifting of Carbon Steel Sheet

DC-Vacuum Lifter (6 Suckers)
FS-BSZ1000-6S (1000KG)



Horizontal Lifting of Stainless Steel Sheet

Pneumatic-Vacuum Lifter (6 Suckers)
FS-BSQ500-6S (500KG)



Horizontal Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (10 Suckers)
FS-BSJ2000-10S (2000KG)



Horizontal Lifting of Stainless Steel Sheet

DC-Vacuum Lifter (10 Suckers)
FS-BSZ2000-10S (2000KG)



Horizontal Lifting of Carbon Steel Sheet

DC-Vacuum Lifter (10 Suckers) Long Battery Life
FS-BSZ2000-10S (2000KG)

金屬板材真空吸盤

產品	特點
	<p>安全載重: 3T~20T</p> <p>動力系統: DC12V/AC208-460V (±10%)</p> <p>產品特色: 針對3噸以上大型板材專業客製化; 搭配大流量真空幫浦或多重真空系統, 標準方管, 設備結構强度高, 安全可靠, 可選配赫梅尼專利UPS 備用電源系統, 超強保壓6小時以上</p>

產品名稱及型號	安全載重	外型尺寸 (mm)	吸盤直徑 (mm)	吸盤個數	電源系統	控制方式	裝置自重
FS-BLZ3000-16S	3000kg	6000x1200	Φ300	16 pcs	DC12V	手動/遙控	600kg
FS-BLJ3000-16S	3000kg	6000x1200	Φ300	16 pcs	AC208-460V(±10%)		600kg
FS-BLJ5000-10S	5000kg	6000x1200	Φ450	10 pcs	AC208-460V (±10%)		1000kg
FS-BLJIOT-10S	10T	(6000+6000)x2000	850x450	10 pcs	AC208-460V(±10%)		2800kg
FS-BLJ20T-20S	20T	(6000+6000+6000)x2000	850x450	20 pcs	AC208-460V(±10%)		5500kg



DC-Vacuum Lifter (16 Suckers)
FS-BLZ3000-16S (3000KG)



DC-Vacuum Lifter (16 Suckers)
FS-BLZ3000-16S (3000KG)



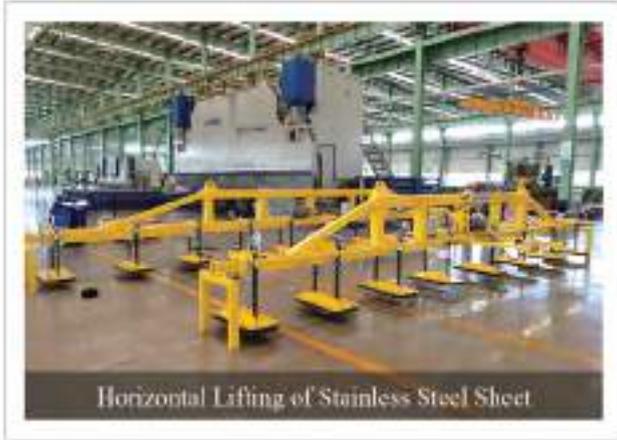
Horizontal Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (12 Suckers)
FS-BLJ5000-12S (5000KG)



Horizontal Lifting of Stainless Steel Sheet

DC-Vacuum Lifter (12 Suckers)
FS-BLJ5000-12S (5000KG)



Horizontal Lifting of Stainless Steel Sheet

AC-Vacuum Lifter (8 Suckers)
FS-BLJ8000-8S (8000KG)



Horizontal Lifting of Stainless Steel Sheet

AC-Vacuum Lifter (8 Suckers)
FS-BLJ8000-8S (8000KG)



Horizontal Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (10 Suckers)
FS-BLJ10T-10S (10T)



Horizontal Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (10 Suckers)
FS-BLJ10T-10S (10T)

玻璃吊裝真空吸盤

產品	特點
	<p>安全載重：500KG、750KG</p> <p>動力系統：DC12V</p> <p>產品特色：結構緊湊，自重僅55公斤，方便攜帶運輸；吸力強，負載高；設備可實現0~90°翻轉，0~360°旋轉；吸附範圍廣，可吸附：玻璃、複合板、彩色鋼板等；可選配：移動小車，方便移動。</p>
	<p>安全載重：400KG、600KG、800KG</p> <p>動力系統：DC12V</p> <p>產品特色：結構靈活，依玻璃大小不同，可採用多種組裝方式，適用範圍廣，設備輕便，操作簡易；裝配2顆蓄電池，續航力持久；可實現0~90°翻轉，0~360°旋轉。</p>
	<p>安全載重：1000KG~2000KG</p> <p>動力系統：DC12V</p> <p>產品特色：適用於大尺寸、超大尺寸玻璃的吊掛及室外幕牆安裝；操作簡易，續航時間久，工作效率更高；整機框架結構堅固耐用，框架尺寸可根據客戶實際需求進行定制，可拼接，方便運輸，可實現0~90°翻轉，0~360°旋轉。</p>

產品名稱及型號	安全載重	外型尺寸 (mm)	吸盤直徑 (mm)	吸盤個數	電源系統	控制方式	裝置自重
FS-SFXi500-1S	500kg	800x400x240	800x400	1pcs	DC12V	手動/遙控	0-90°手動翻轉 0-360°手動旋
FS-SFXi750-1S	750kg	1000x500x240	1000x500	1pcs			
FS-SFX400-4S	400kg	900x730x240	Φ300	4pcs			
FS-SFX600-6S	600kg	1800x1190x240	Φ300	6pcs			
FS-SFX800-8S	800kg	1800x1190x240	Φ300	8pcs			
FS-SFXS800-8S	800kg	1650x1000x240	Φ300	8pcs			
FS-SFXSi000-10S	1000kg	(625+1400+625)x1000x240	Φ300	10pcs			
FS-SFXI000-10S	1000kg	2750x1340x390	Φ300	10pcs			
FS-SFXI200-12S	1200kg	2750x1340x390	Φ300	12pcs			
FS-SFXI500-15S	1500kg	(1375+2500+1375)x1340x390	Φ300	16pcs			
FS-SFX2000-20S	2000kg	(1625+3000+1625)x1340x600	Φ300	20pcs			



Outdoor Glass Curtain Wall Lifting

DC-Vacuum Lifter (Single Sucker)
FS-SFXi500-IS (500KG)



Outdoor Glass Curtain Wall Lifting

DC-Vacuum Lifter (Single Sucker)
FS-SFXi500-IS (500KG)



Indoor Hollow-laminated Glass Lifting

DC-Vacuum Lifter (8 Suckers)
FS-SFX800-8S (800KG)



Outdoor Glass Curtain Wall Lifting

DC-Vacuum Lifter (8 Suckers)
FS-SFX800-8S (800KG)



Outdoor Glass Curtain Wall Lifting

DC-Vacuum Lifter (10 Suckers)
FS-SFX1000-10S (1000KG)



Outdoor Glass Curtain Wall Lifting

DC-Vacuum Lifter (12 Suckers)
FS-SFX1200-12S (1200KG)

玻璃吊裝真空吸盤

產品	特點
	<p>安全載重：600KG~1000KG</p> <p>動力系統：DC48V</p> <p>產品特色：設備三段拼接，適合不同尺寸玻璃吊掛及室外帷幕牆安裝；高精準度無刷馬達配合高強度齒輪結構實現玻璃的0~90°電動翻轉，0~360°電動旋轉；無線遙控操作，雙按鈕放氣，安全可靠；4顆大容量蓄電池讓續航更持久。</p>

產品名稱及型號	安全載重	外型尺寸 (mm)	吸盤直徑 (mm)	吸盤個數	電源系統	控制方式	裝置自重
FS-DFX600-6S	600KG	(625+1400+625) x1000x480	Φ300	6pcs	DC48V	無線遙控	0-90°電動翻轉 0-360°電動旋轉
FS-DFX800-8S	800KG			8pcs			
FS-DFX1000-10S	1000KG			12pcs			



DC-Vacuum Lifter (8 Suckers)
FS-DFX800-8S (800KG)



DC-Vacuum Lifter (8 Suckers)
FS-DFX800-8S (800KG)



Electric Flip and Rotation Lifting of Insulated Glass

DC-Vacuum Lifter (10 Suckers)
FS-DFX1000-10S (1000KG)



Electric Flip and Rotation Lifting of Insulated Glass

DC-Vacuum Lifter (10 Suckers)
FS-DFX1000-10S (1000KG)



Electric Flip and Rotation Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (6 Suckers)
FS-DFXJ600-6S (600KG)



Electric Flip and Rotation Lifting of Carbon Steel Sheet

AC-Vacuum Lifter (6 Suckers)
FS-DFXJ600-6S (600KG)



Electric Flip and Rotation Lifting of Carbon Steel Sheet

DC-Vacuum Lifter (10 Suckers)
FS-DFX1000-10S (1000KG)



Electric Flip and Rotation Lifting of Carbon Steel Sheet

DC(for forklift)-Vacuum Lifter (12 Suckers)
FS-DCFX1000-12S (1000KG)

玻璃吊裝真空吸盤

產品	特點
	<p>安全載重:1.5T~10T</p> <p>動力系統:DC24V</p> <p>產品特色:適用於大型玻璃安裝及搬運;採用液壓驅動,可實現0~90°液壓翻轉,0~360°液壓旋轉;模組化真空吸盤組,採用獨立真空系統;吸盤無線遙控控制,具備延時放氣功能,避免誤操作;設備多段拼接,可適應各種尺寸玻璃,大容量動力蓄電池讓續航力更持久。</p>

產品名稱及型號	安全載重	外型尺寸 (mm)	吸盤直徑 (mm)	吸盤個數	電源系統	控制方式	裝置自重
FS-YFX1500-16S	1500KG	(1375+2500+1375)x1340x580	Φ300	16pcs	DC24V	無線遙控	0-90°液壓翻轉 0-360°液壓旋轉
FS-YFX2000-22S	2000KG	(1375+2500+1375)x1340x580	Φ300	22pcs			
FS-YFX2500-26S	2500KG	(1375+2500+1375)x1340x580	Φ300	26pcs			
FS-YFX3000-8S	3000KG	(1250+2500+1250)x1800	1000X640	8pcs			
FS-YFX5T-12S	5T	(2000+4300+2000)x1900	1000X640	12pcs			
FS-YFX10T-20S	10T	(3000+6000+3000)x1900	1000X640	20pcs			



DC-Vacuum Lifter (22 Suckers)
FS-YFX2000-22S (2000KG)



DC-Vacuum Lifter (22 Suckers)
FS-YFX2000-22S (2000KG)



DC-Vacuum Lifter (22 Suckers)
FS-YFX2000-22S (2000KG)



DC-Vacuum Lifter (22 Suckers)
FS-YFX2000-22S (2000KG)



DC-Vacuum Lifter (20 Suckers)
FS-YFX2000-22S (2000KG)



DC-Vacuum Lifter (20 Suckers)
FS-YFX2000-22S (2000KG)



DC-Vacuum Lifter (8 sets of suckers)
FS-YFX5000-8S (5000KG)



DC-Vacuum Lifter (8 sets of suckers)
FS-YFX5000-8S (5000KG)

玻璃吊裝真空吸盤

產品	特點
	<p>安全載重：150KG、250KG、350KG</p> <p>動力系統：壓縮空氣 (0.6-0.8Mpa)</p> <p>產品特色：適用於玻璃深加工固定工位使用，如：中空玻璃生產線、夾膠玻璃生產線、玻璃磨邊、水刀切割等玻璃上下片；固定工位配合立柱懸臂吊、牆壁吊或橋式導軌使用，方便快捷；汽缸升降，可實現玻璃的0~90°氣動翻轉、0~90°氣動旋轉。</p>
	<p>安全載重：400KG</p> <p>動力系統：壓縮空氣 (0.6-0.8Mpa)</p> <p>產品特色：適用於強化爐下片，夾膠進釜，玻璃副框打膠等玻璃深加工工位；設備框架堅固，負載大，運轉穩定；固定工位配合立柱懸臂吊、牆吊或橋式導軌使用，方便快捷；氣缸升降，可實現玻璃的0~90°氣動翻轉。</p>
	<p>安全載重：400KG</p> <p>動力系統：壓縮空氣 (0.6-0.8Mpa)</p> <p>產品特色：適用於光伏玻璃合片，玻璃副框打膠等玻璃加工及幕牆加工生產；設備對淨空要求低，適合低淨空廠房使用；電動葫蘆升降，氣動90°翻轉；可配合固定式立柱懸吊臂吊或工廠行車使用。</p>

產品	特點
	<p>安全載重:250KG</p> <p>動力系統:壓縮空氣(0.6-0.8Mpa)</p> <p>產品特色:適用於中空玻璃打膠機、立式磨邊機、立式打孔機、直立式覆膜機上下片等;汽缸升降,垂直0~90°氣動旋轉;設備結構緊湊,操作方便;固定工位配合立柱懸臂吊、牆壁吊或橋式導軌使用。</p>

產品名稱及型號	安全載重	外型尺寸 (mm)	吸盤直徑 (mm)	吸盤個數	氣源系統	控制方式	裝置自重
FS-QFX150-2S	150kg	760x250	Φ250	2pcs	0.6-0.8Mpa	手動	0-90°氣動翻轉
FS-QFX250-4S	250kg	830x650 extend: 1730x1100		4pcs			0-90°氣動旋轉
FS-QFX350-6S	350kg	830x650 extend: 1730x1100		6pcs			
FS-QFX400-6S	400kg	990x810 extend: 1900x1250		6pcs			0-90°氣動翻轉
FS-QFX400-6S	400kg	860x680 extend: 1760x1130		6pcs			
FS-QFX250-4S	250kg	850x570 extend: 1800x570		4pcs			0-90°氣動旋轉



Pneumatic 90°Flip and Rotation (2 Suckers)
FS-QFX150-2S (150KG)



Pneumatic 90°Flip and Rotation (4 Suckers)
FS-QFX250-4S (250KG)

卷料真空吸盤

產品	特點
	<p>安全載重：200 KG~3000KG</p> <p>動力系統：AC208-460V (±10%)</p> <p>產品特色：廣泛應用於鋁捲、銅捲、鋼捲等各類卷材的無損搬運，採用高精度渦輪渦流實現0~90°電動翻轉，德國品牌大流量真空泵，流量大，吸氣速度快，工作效率高，操作簡單方便，交流接電適合長時間不間斷作業；吸盤可採用多腔室，每個腔室獨立控制，適應不同外徑的捲材。</p>



AC-Aluminum Coil Vacuum Lifter(single chamber)
FS-C250-1S (250KG)



AC-Aluminum Coil Vacuum Lifter(multi-chamber)
FS-C1000-3S (1000KG)



AC-Aluminum Coil Vacuum Lifter(multi-chamber)
FS-C1300-3S (1300KG)



Mobile Aluminum Coil Vacuum Lifter
FS-C5000-1S (500KG)

複合板真空吸

產品	特點
	<p>安全載重: 200 KG~2000KG</p> <p>動力系統: 多種動力可選</p> <p>產品特色: 適用於工廠內複合板加工生產、室外安裝、車廂複合板組裝等領域; 根據不同客戶的製程需求, 設備可選擇0~90°翻轉, 0~360°旋轉等功能; 針對不同表面的複合板, 可選用不同型號類型的吸盤。</p>



DC-Vacuum Lifter (8 Suckers)
FS-WBSZ200-8S (200KG)



AC-Vacuum Lifter (14 Suckers)
FS-WBSJI500-14S (1500KG)



AC-Vacuum Lifter (4 Suckers)
FS-WDF400-4S (400KG)



AC-Vacuum Lifter (10 Suckers)
FS-WDF500-10S (500KG)

產品

特點



安全載重:0.5T~20T
 動力系統:多種動力可選
 產品特色:適用於大理石掛裝、耐火磚吊裝、石材板材切割搬運、坩堝生產搬運、水泥管片吊裝等;根據不同客戶的製程需求,設備可選擇0~90°翻轉,0~360°旋轉等功能;針對粗糙不平的石材表面可以選擇赫梅尼專利海綿吸盤。



Demolding of Concrete Pipe Piece

AC-Vacuum Lifter (3 Suckers)
 FS-M5000-3S (5000KG)



Indoor Lifting of Natural Marble

DC-Vacuum Lifter (8 Suckers)
 FS-MSFX800-8S (800KG)



Indoor Lifting of Natural Marble

DC-Vacuum Lifter (4 Suckers)
 FS-MSFX400-4S (400KG)



Indoor Lifting of Natural Marble

DC-Vacuum Lifter (8 Suckers)
 FS-MSFX800-8S (800KG)



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