



TAWI
VacuCobra

VacuCobra



VacuCobra

Rotate to achieve the highest possible precision. A bottom swivel and an angle adapter ensures full freedom of motion when gripping the load. The fingertip controls can be adjusted from the right to left side of the handle in seconds. The quick-release function makes sure that no time is wasted when releasing the load. The suction cup will secure the goods safely from the side as well as from the top.



VacuCobra

Tournez la charge sur elle-même pour obtenir toute la précision et l'aisance de manutention voulue. Positionnez aisément la commande au doigt à droite ou à gauche de la poignée. Saisissez la charge en toute sécurité en vertical (par le coté) ou en horizontal (par le dessus). Seul le gestuel naturel de la main guide le positionnement de la ventouse sur la charge.



VacuCobra

Haga girar la carga sobre sí misma para conseguir la mayor precisión posible. El gatillo se puede mover del lado derecho al izquierdo del asa. Ajustable en segundos. El succionador agarrará la carga por el lateral con la misma seguridad que lo hace por la parte superior.



VacuCobra


360°Endlos-Drehung Rotieren der Last garantiert die grösstmögliche Genauigkeit. Ein unteres Rotationsmodul und ein Winkeladapter garantieren völlige Bewegungsfreiheit beim Greifen der Last. Die „Fingertip-Steuerung“ kann in sekunden schnelle von rechts nach links verschoben werden. Die Schnellöse-Funktion vermeidet unnötigen Zeitverlust beim Lösen der Last. Der Saugfuss hält die Last sicher von der Seite sowie auch von oben.



1.

 Ergonomic design


 Conception ergonomique

 Diseñado ergonómicamente


 Ergonomische Gestaltung



2.

 Rapid movement

 Rapidité d'exécution


 Saltar rápidamente


 Schnelle Bewegung



3.

 VC100 stainless steel

 VC100 en inox


 VC100 en acero inoxidable


 VC100 Edelstahl




4.

 VC adapter, combine with VacuEasylift suction feet


 VC adaptateur à combiner avec pied de ventouse pour Levalair


 VC con adaptador, combinar con succionadores de VacuEasylift


 VC Adapter zu kombinieren mit Saugfuß für VacuEasylift




5.


 VC50 max 10 kg


 VC50 max 10 kg


 VC50 max 10 kg


 VC50 max 10 kg



 VacuCobra has a lifting height of 1500 mm. Place the point of suspension at appr 2700 mm from the floor. An operator of normal height can pick up goods from pallet and reach a level of appr 1600 mm from the floor.

 Le VacuCobra a une capacité de levage de 1500 mm. Placer le point de suspension à environ 2700 mm du sol. Un opérateur de taille moyenne peut lever les produits de la palette et atteindre une hauteur d'environ 1600 mm du sol.

 VacuCobra ofrece una altura de elevación de 1500 mm. El punto de suspensión está a 2700 mm del suelo. Un operario de estatura mediana puede agarrar cargas desde el palet hasta una altura de 1600 mm del suelo.

 Die VacuCobra verfügt über eine Hubhöhe von 1.500 mm. Ordnen Sie den Aufhängungspunkt bei ca. 2.700 mm vom Boden an. Ein Bediener mit durchschnittlicher Körpergröße kann so die Waren von der Palette aufnehmen und eine Höhe von ca. 1.600 mm vom Boden erreichen.

SWIFT AND SAFE LIFTING · EASY-TO-USE OPERATING CONTROLS · ERGONOMIC DESIGN



STANDARD VERSION:

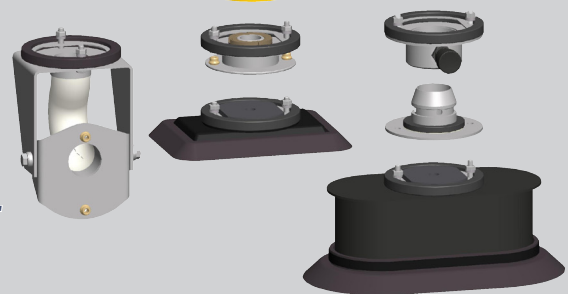
BASIC BOX LIFTING WITH SWIVELLING AND SIDE GRIPPER FUNCTION

STAINLESS STEEL VERSION:

FOR FOOD STUFFS ETC

ADAPTER AND LIGHT VERSIONS:

COMBINE WITH WIDE RANGE OF SUCTION FEET



Lifting capacity	VacuCobra model	Suction foot (order separately)
8 kg / 17 lbs	VC50: Art nr 673000	Custom made
20 kg / 44 lbs	VC80A: Art nr 672000A	Custom made
	VC80L: Art nr 672000L	
35 kg / 77 lbs	VC100: Art nr 675100	Suction cup 671501 INCLUDED
	VC100SS: Art nr 675100SS	Suction cup 671502 INCLUDED
	VC100A: Art nr 675100A	Order from VacuEasylift range VM100/120
	VC100L: Art nr 671000L	Order from VacuEasylift range VM100/120
	VC100LSS: Art nr 671000LSS	Order from VacuEasylift range VM100/120
40 kg / 88 lbs	VC120A: Art nr 675120A	Order from VacuEasylift range VM100/120
	VC120L: Art nr 671200L	Order from VacuEasylift range VM100/120
	VC120LSS: Art nr 671200LSS	Order from VacuEasylift range VM100/120
50 kg / 110 lbs	VC140A: Art nr 675140A	Order from VacuEasylift range VM140
	VC140L: Art nr 674000L	Order from VacuEasylift range VM140

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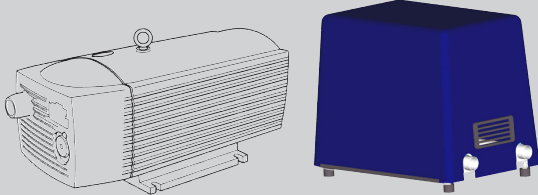
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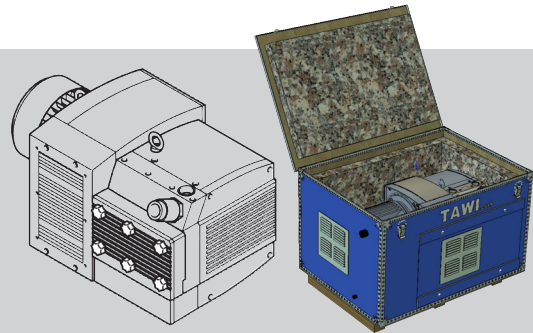
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LENGTH OF LIFT TUBE: 2100 MM • LIFTING SPEED: APPR 1 M/S • LIFTING HEIGHT: 1500 MM

VACUUM PUMP FOR VACUCOBRA



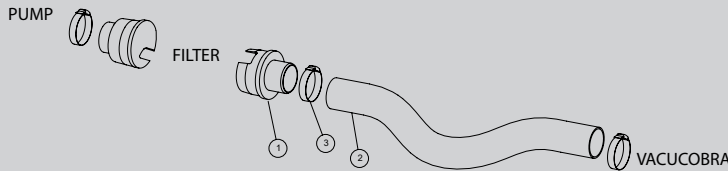
Vacuum pump 685950, for non-porous / high-density loads
Option: Silencing hood 666730



Vacuum pump 685960, for porous / low-density loads
Option: Silencing box 666720

Type	Type of load	Suction air rate (m ³ /h max)		Vacuum (mbar max)	Motor capacity (kW)		Speed (rpm)		Noise level (DIN45635-1) (dB(A))		Weight (kg)
		50 Hz	60 Hz		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
685950 (VT4.40)	Non-porous	40	48	150	1,25	1,50	1420	1700	67	72	38,5
685960 (KVT3.60)	Porous	55	66	100	2,4	3,0	1440	1733	71	73	69

FILTER FOR VACUCOBRA



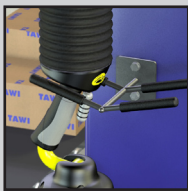
Filter Art nr 610931



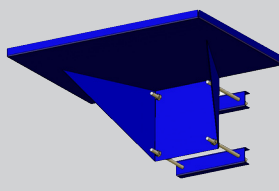
Option: Filter. large Art nr 610927

No	Installation; filter-VacuCobra	Pcs	Vacuum pump 685950: Filter 671923 Vacuum pump 685960: Filter 610931	Filter 610931 671604 630902/ 630904 630115	Options to 610931: Filter 610926 (small, stainless st.) 610927 (large) 610927SS (large, stainless st.) 671603 630902/ 630904 630115
1	Reducing piece	2			
2	Air tube DIA 32 mm, 7,5 m or 15 m	1			
3	Clamp 26-38 mm	2			

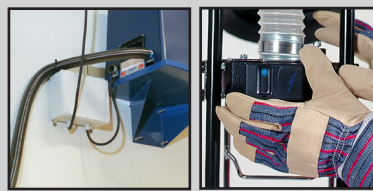
MORE OPTIONS FOR VACUCOBRA



Option: Parking hook
Art nr 670420



Option: Pump shelf
Art nr 1R-32526



Option: Remote control unit for vacuum pump 685950. Art nr 694050.

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◇ VACUCOBRA VACUUM LIFTER
NEW VERSION

- ◇ NOISE REDUCTION
- ◇ CONTROLLED MOVEMENT
- ◇ LIFTS AIR TIGHT MATERIALS AND POROUS MATERIALS UP TO 50 KG
- ◇ ALSO SUITABLE FOR BAGGAGE



TAWI



HIGH SUCTION AIR RATE VACUCOBRA UP TO 50 KG LOAD CAPACITY

- Ergonomic one handed operation, this lifter strives upwards automatically. One control less for the operator!
- Unlimited rotation with both a top and bottom swivel.
- An angle adapter ensures full freedom of motion when gripping the baggage. The vacuum force will assure that the suction cup instantly attaches to and holds anything it comes in contact with.
- The fingertip control can be adjusted from the right to the left side of the handle in seconds.
- The lifting speed of the unit is approximately 1m/s and variable.
- Oilfree, aircooled rotary vane vacuum pump with low maintenance and running costs. Can be placed away from the handling area, connected to the lifter by air tube which is neatly looped in lightweight aluminium profiles above the operator.



Vacuum lifters can be used to eliminate manual handling in the airport baggage handling areas. VacuCobra lifts baggage of different size and shape weighing up to 50 kg.



- VACUUMLIFTER VacuCobra with onehanded control. Integrated bottom swivel and angle adapter. Lifting speed appr 1 m/s. Lifting height 1500 mm.

Name	VC100	VC100A	VC100SS	VC120A	VC140A
Article nr	675100	675100A	675100SS	675120A	675140A
Type	Standard, including suction cup	Adapter, order separate suction foot	Stainless steel version, including suction cup	Adapter, order separate suction foot	Adapter, order separate suction foot
Capacity	35 kg	35 kg	35 kg	40 kg	50 kg
Lift tube	Ø100 mm	Ø100 mm	Ø100 mm	Ø120 mm	Ø140 mm

- VACUUM PUMP

Art nr 685950	1,25 kW, 1420 rpm, 150 mbar (@ 50 Hz)
Art nr 685960	2,4 kW, 1440 rpm, 100 mbar (@50 Hz)

- ACCESSORIES

Air tube Ø32 mm l: 7,5 m art nr 630902

Air filter art nr 610931 + 2 x connection piece art nr 671604

• OPTIONAL: Silencing hood for vacuum pump art nr 666730 (for vacuum pump 685950) - art nr 666720 (for vacuum pump 685960)

• OPTIONAL: Parking hook for vacuum lifter art nr 670420

(Suspending jib arm or crane system not included)

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LOGISTICS EXPERT SCHENKER:

(THANK YOU SCHENKER FOR LETTING US USE THE MATERIAL ON YOUR INTRANET!)

New equipment in Karlstad

The Karlstad (Sweden) facilities have been using different lifting aids for heavy lifting, both boxes and packages.

- The new tool is great, you can feel how the machine takes the strain of the body.

I am not as tired after a completed shift as I used to be, says Svante Jacob from the packaged goods division in Karlstad.

The lifting equipment on the packaging conveyor has been installed for a couple of months now and so far the overall response is positive. The vacuum lifter is actually being used by the conveyor operators.

- I have only heard positive reactions and I can see the lifter is being used continuously, says Tomas Thörnqvist, foreman at the Karlstad terminal.

The scissor table that used to be installed beside the conveyor was only rarely used, it was experienced to be time consuming and complicated.

The new vacuum lifter can lift boxes up to 30 kg. A vacuum pump makes the vacuum cup grip the box, a slight gaming experience over the controls and after a little practice, lifting with the vacuum lifter is as quick as manual lifting.

The very light packages are still being handled manually, and the new lifter has trouble lifting some of the shrinkwrapped goods and packages with a lot of weight in one end.

- But those types of packages are rare, no more than two per shift, says Svante Jacob.





SAS CARGO AIRPORT LOGISTICS EXPERT

In 2009, TAWI received an order for a total of 26 units of VacuCobra cargolifters in two of SAS's largest airport cargo ground handling facilities; Stockholm Arlanda AP and Gothenburg Landvetter AP.

Each cargo loading/weighing station is equipped with two units of vacuum lifters, suspended in a separate lightweight aluminium crane bridge. The bridges are installed in a gantry system which covers a working area of approx 10x15 m.

Each pump is equipped with a remote control so as not to waste electricity.

A service agreement is included in the installation.



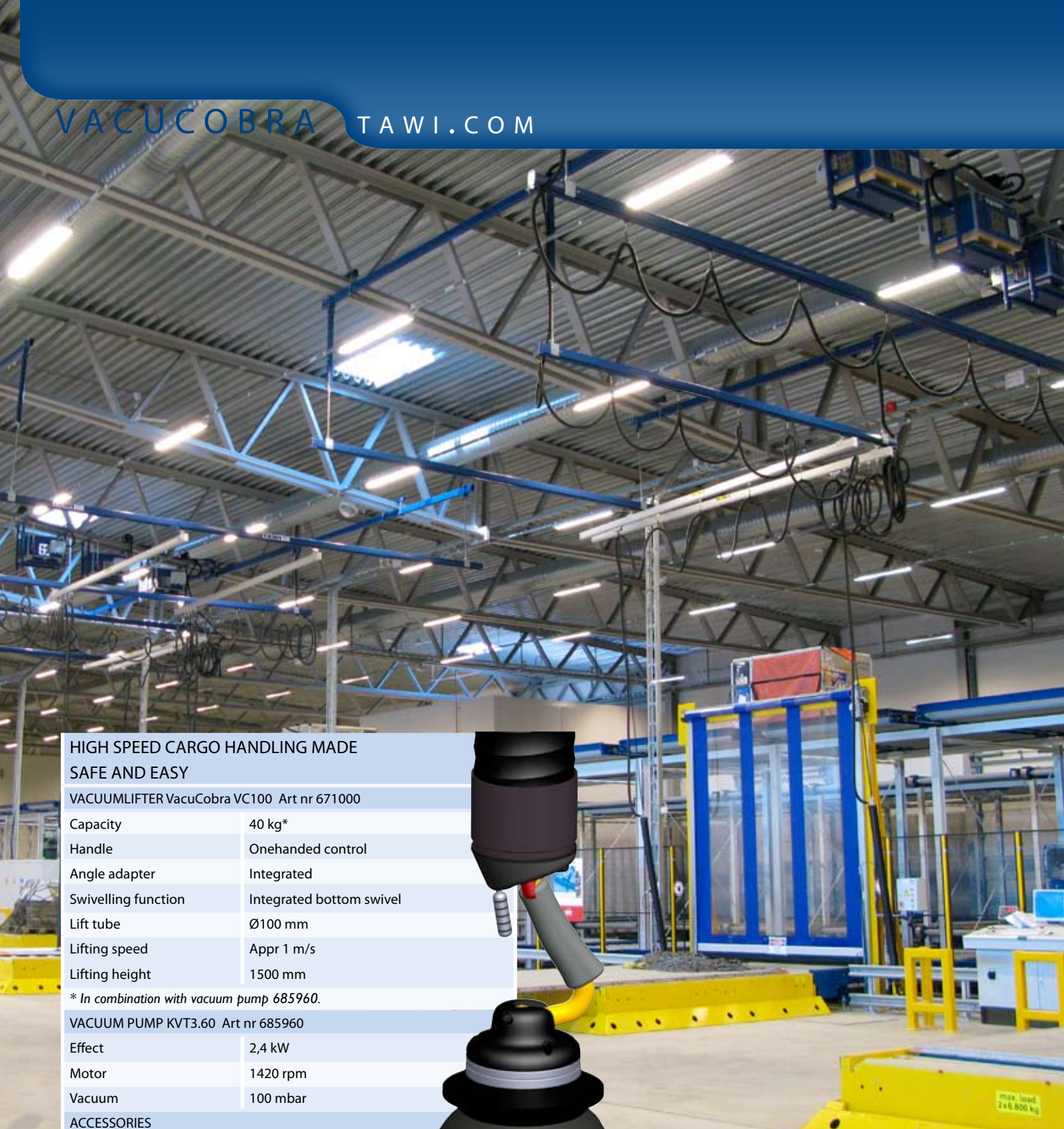
Detail from ceiling, pump stations in a row.



Each station is clearly marked (on the remote control receiver) to facilitate service.

- VacuCobra is a strong, compact, versatile piece of equipment designed to make quick work of handling many different boxed loads weighing up to 40 kg. Its suction cup will secure boxes of all shapes and sizes to lift and move them in total safety.
- Bottom swivel and angle adaptor give full freedom of motion when gripping the load.
- Incorporated quick-release function further increases handling speed.
- VacuCobra's fingertip control can be adjusted from the right to the left of the handle in a matter of seconds.





HIGH SPEED CARGO HANDLING MADE SAFE AND EASY

VACUUMLIFTER VacuCobra VC100 Art nr 671000

Capacity	40 kg*
Handle	Onehanded control
Angle adapter	Integrated
Swivelling function	Integrated bottom swivel
Lift tube	Ø100 mm
Lifting speed	Appr 1 m/s
Lifting height	1500 mm

* In combination with vacuum pump 685960.

VACUUM PUMP KVT3.60 Art nr 685960

Effect	2,4 kW
Motor	1420 rpm
Vacuum	100 mbar

ACCESSORIES

- Air tube Ø32 mm l: 7,5 m art nr 630902
- Air filter art nr 674000
- Connection piece art nr 671604 (for filter)
- Silencing hood for vacuum pump (optional) art nr 666720
- Remote control for vacuum pump (optional) art nr 693000

(Suspending jib arm or crane system not included)



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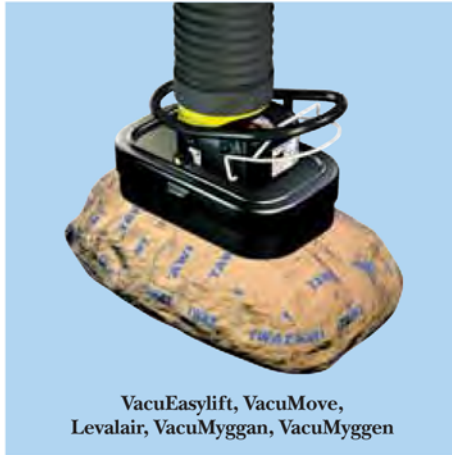
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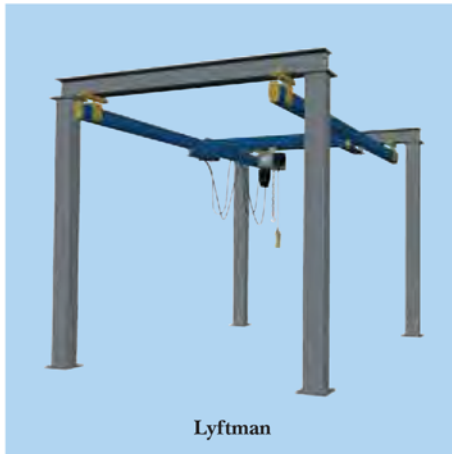
VacuEasylift, VacuMove,
Levalair, VacuMyggen, VacuMyggen



VacuCobra



TAWILift



Lyftman



Protema

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