



On customer demand:

"We need a small VacuEasylift that will grip boxed goods from all sides, rapid as a cobra!"

"We need a VacuEasylift with finger tip control that reacts instantaneously at the operators slightest touch!"

Thus the VacuCobra was created. Handling goods up to 35 kg and lift heights up to 1.8 m (1.55 m standard). VacuCobra is the latest model in our VacuEasylift product range.

Welcome to contact us for a demonstration!

VacuCobra technical data	
Max capacity:	35 kg
Lifting height:	1550 mm
Power*:	1,5 kW
Lifting speed:	1 m/s variable
Ø lift tube:	100 mm
Ø air tube:	25 mm
Vacuum:	150 mbar
Motor speed:	1420 rpm

*Aircooled, oilfree working rotary vane vacuum pump.



TAWI

Complete systems for safer lifting

TAWI AB
Box 10205 434 23 KUNGSBACKA
SWEDEN

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info@tawi.se www.TAWI.com

VacuCobra is our newcomer within lifting equipment for boxed goods:

Ergonomically designed to fit all.

A bottom swivel and an angle adapter ensures full freedom of motion when gripping the load.

The quick-release function makes sure that no time is wasted when releasing the load.

Suspension:
A light weight jib crane with arm in aluminium provides safe, smooth and quiet operation. (Lyftman, our own range of course!)





1. ROTATE WITHOUT LIMITS

Rotate the goods - not the complete lift unit - to achieve highest possible precision.



2. ADJUSTABLE GRIP

The fingertip controls can be moved from right to left side of the handle. Adjustment in seconds.



3. LIFT FROM THE SIDE

The suction cup will secure the goods safely from the side as well as from the top.



TAWI AB was founded in Gothenburg, Sweden in 1923.

Head offices and sales offices are situated in Kungälv and Stockholm with subsidiaries in the UK, USA, Germany and Holland.

We manufacture and distribute ergonomic lifting equipment world wide with well-known trade marks such as VacuEasylift, Protema, Lyftman and Ergolift.

**FAX BACK TO US FOR FREE INFO PACK!
FAX NR +46 300 189 90**

Company:.....

Contact person:.....

E-mail:.....

Address:.....

.....

Tel:.....

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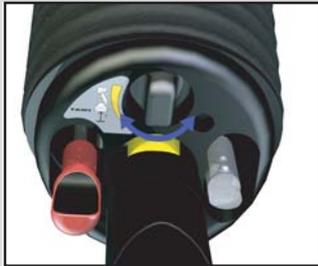
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Balance the unit

The VacuCobra can be vertically balanced without load so that it is always at a convenient and comfortable distance from the operator. See picture below for instructions.



Adjusting the lift unit vertically, view from below.

Turn the adjustment knob slowly for desired level of balance.

Get to know the controls

The fingertip control (green arrow) is pushed toward the operator for downwards motion.

The thumb control (red arrow) is a quick-release function. Press away from operator to release load. (See picture below).



Controls for downwards motion and quick-release function.

Adjusting the hand controls

The quick-release control can be installed on the right- AND the lefthand side to fit both left- and right handed operators. Moving the control is easy: pull to free and press to install in new position. (See picture below).



Changing position for the quick-release control.

Grip the VacuCobra handle



Lift the load

Place the VacuCobra above the load. Lower the VacuCobra by pulling the fingertip control (silver) towards the operator. As soon as the suction cup reaches the surface of the load it will automatically grip. The load can now be lifted.



Upwards motion is automatic. Use the fingertip control (silver, for downwards motion) to decrease the lifting speed to a desired level.

Move the load horizontally using the overhead crane system or jib crane in which the VacuCobra is suspended. reaches the surface of the load it will automatically grip.



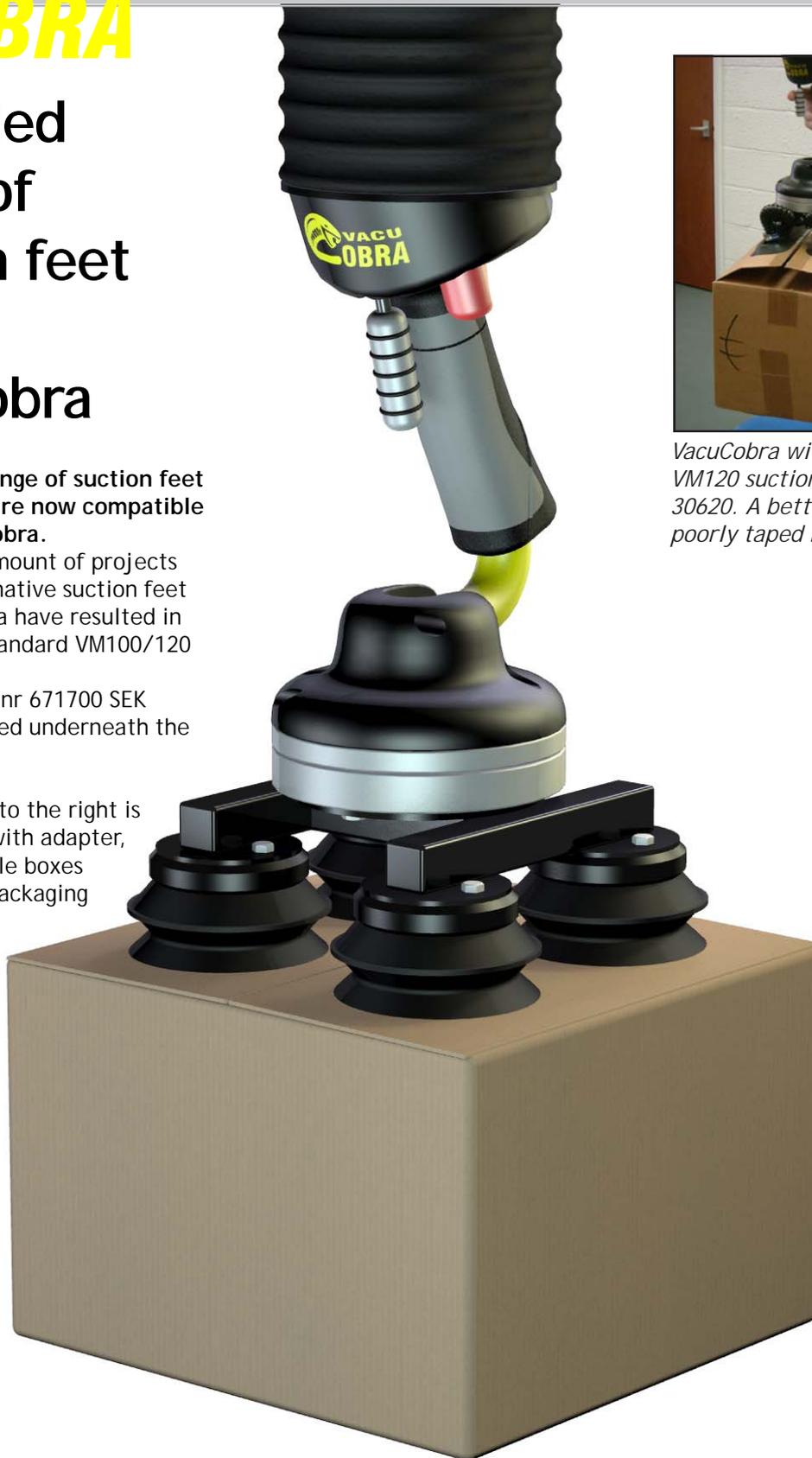
Extended range of suction feet for the VacuCobra

The complete range of suction feet for VM100/120 are now compatible with the VacuCobra.

The increasing amount of projects demanding alternative suction feet for the VacuCobra have resulted in an adapter for standard VM100/120 suction feet.

The adapter (art nr 671700 SEK 1.490.-) is installed underneath the bottom swivel.

The suction foot to the right is project nr 2739 with adapter, designed to handle boxes of clothing in a packaging line. The suction cups are placed in the corners so that the unit does not have to be turned to avoid the taped area.



VacuCobra with adapter for VM120 suction foot art nr 30620. A better choice for poorly taped boxes.

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VacuCobra stainless steel version

*Promote the VacuCobra in
clean room applications!*

Complete unit in
stainless steel

Suction cup of silicone
rubber suitable for all
cleanroom and
"foodsafes" applications.

Silicon handle

All plastic details in
acetal approved for
treatment with alkaline
dissolvents

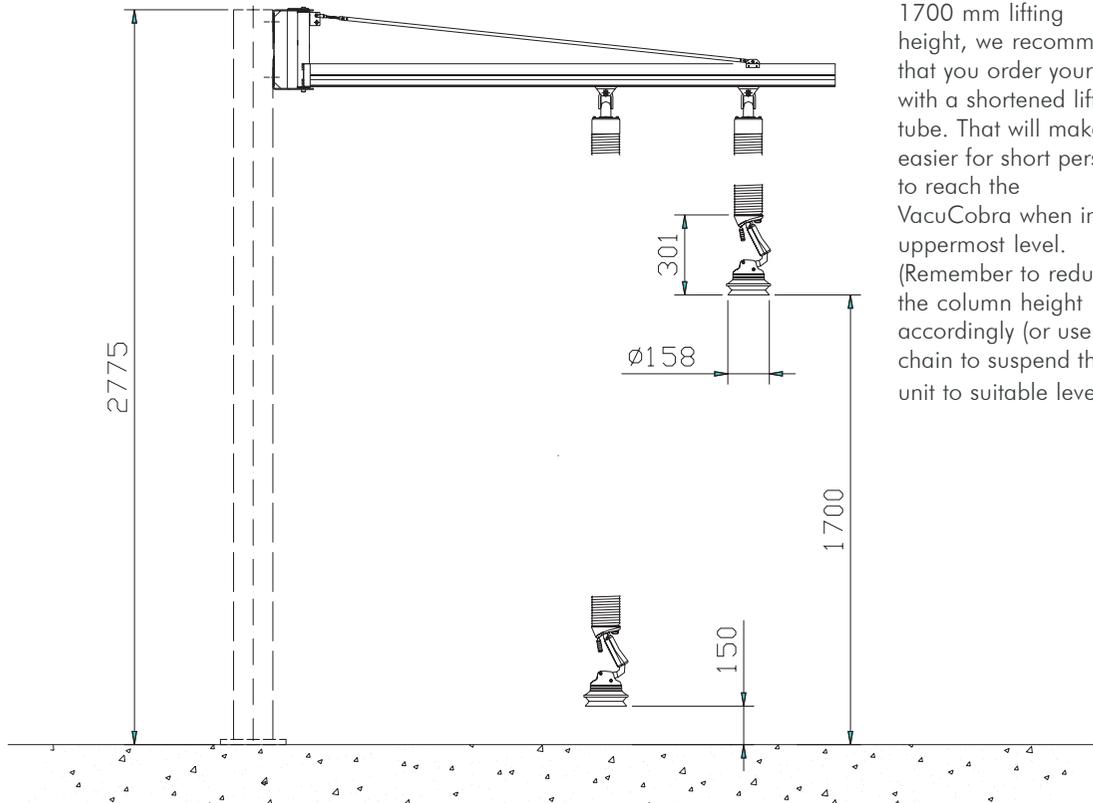
Article number
671000SS



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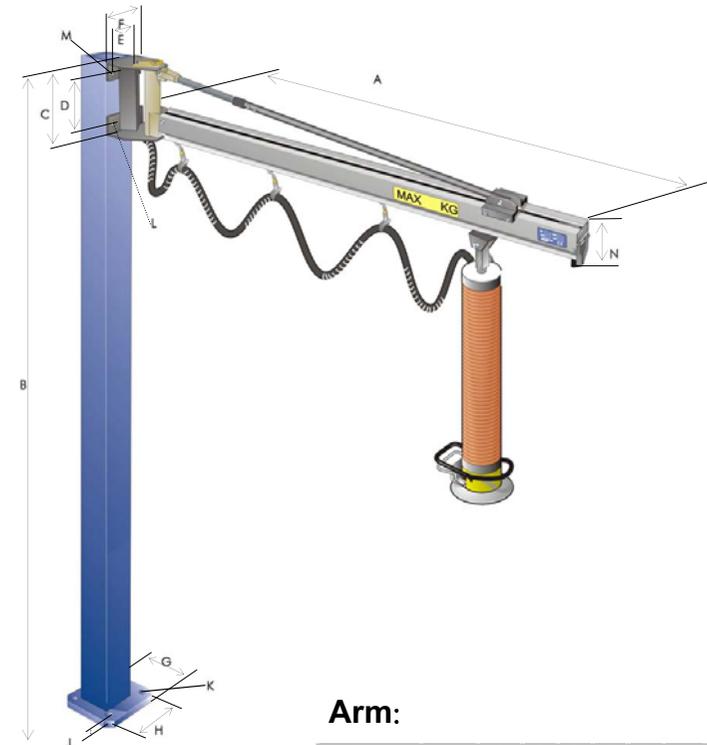
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If you do not need 1700 mm lifting height, we recommend that you order your unit with a shortened lift tube. That will make it easier for short persons to reach the VacuCobra when in its uppermost level. (Remember to reduce the column height accordingly (or use a chain to suspend the unit to suitable level).

For the suspension of VacuCobra, ALWAYS consider a crane system (light weight LR86/113) as a first hand choice. If a jib crane is the only alternative, please note the recommended pillar height above.



Arm:

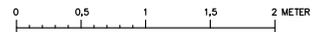
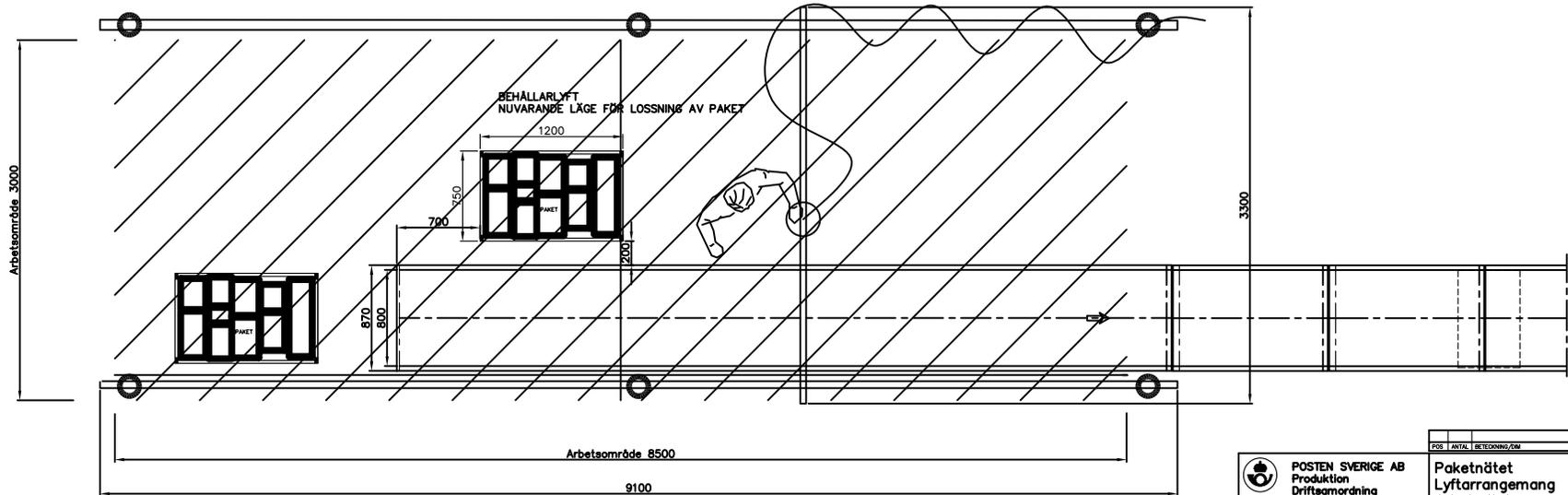
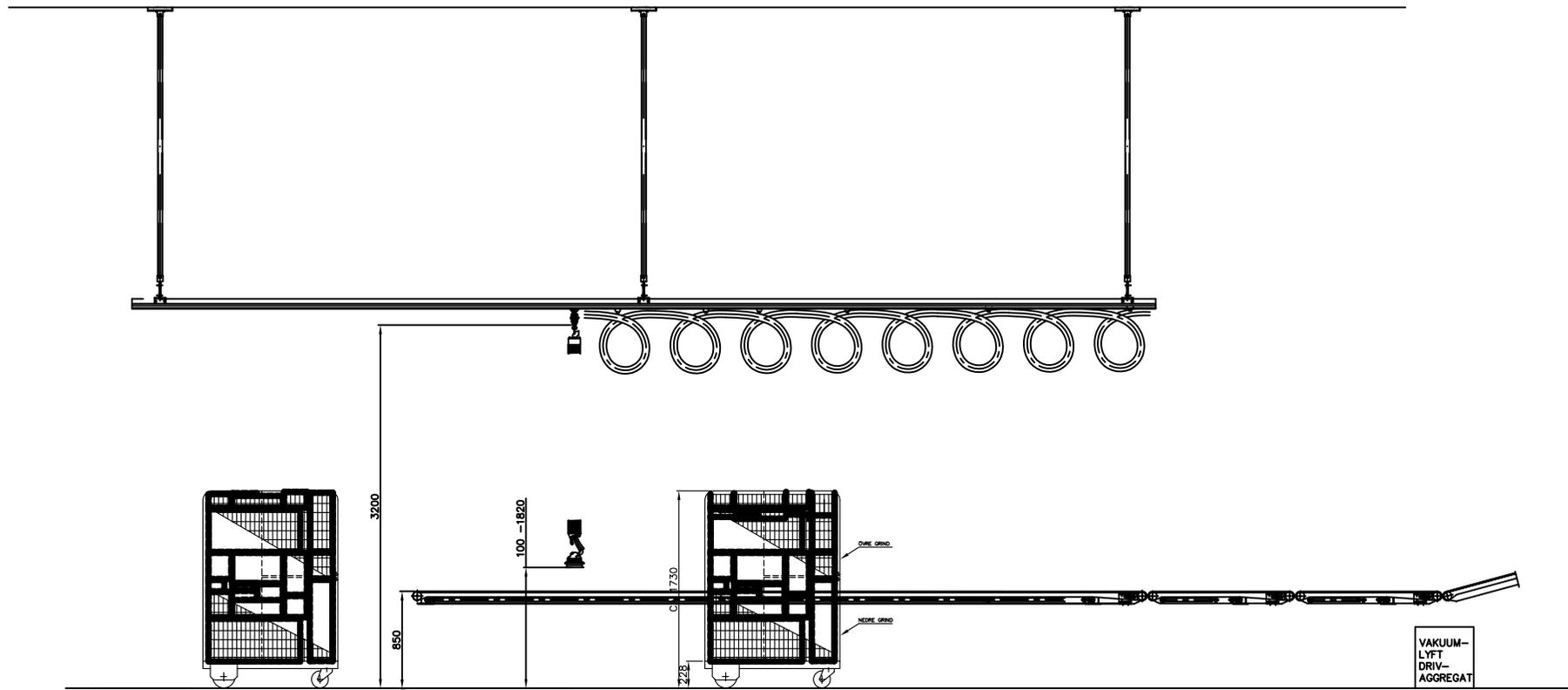
Type	Load, kg	A	C	D	E	F	L	Arm profile
LRAV2/40L	40	2000	300	232	110	150	Ø14	LR86
LRAV3/40L	40	3000	300	232	110	150	Ø14	LR86
LRAV3,5/40L	40	3500	300	232	110	150	Ø14	LR86

Column:

Type	For jib arm type**	B	G	H	J	K	M
LPM15361L	LRAV2/40L	Custom made	300	250	20	Ø24	M12
	LRAV3/40L						
	LRAV3,5/40L						

** Jib arm with 1 pce trolley, 3 pcs trolley for air tube with leather strap, end stop, load signs and 4 pcs M12-bolt.

Den här handling är Postens egendom och får inte utläsas eller kopieras. Om den ändå används för annat ändamål, ansvarar användaren för detta.



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	PROJEKT 2004-10-11	PROGRAM ACAD-2004	RITNINGSSKALA T1

REV	REVISERING	SKALA	DATUM