

DUMBO VACUUM LIFTERS

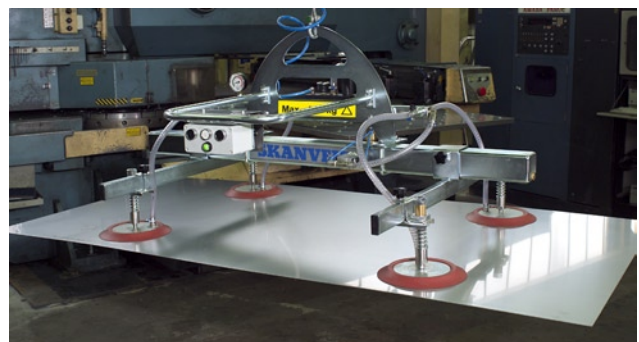
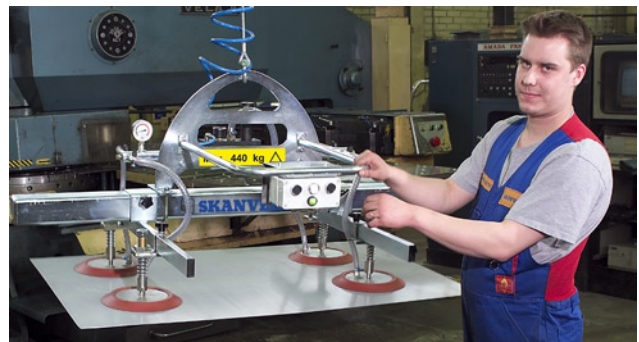
Standard series for loads from 200 kg to 1000 kg



- Dumbo vacuum lifter is lightweight, easy to use and handy tool for handling plates.
- Skanveir Dumbo lifts even thin steel and aluminium plates gently for ex. at laser, plasma and water jet cutting.
- Minimised plate scratching and deformation as the vacuum lifter picks only one plate at a time from the stack.
- Dumbo standard series lifters are applicable to plate sizes from 1000 x 2000 mm to 2000 x 4000 mm and to plates of irregular shape.
- Pneumatic Dumbo lifter is easy to handle, being particularly applicable to plates with damp or wet surface.
- Electrical Dumbo lifter is an outstanding tool for handling dry plates as well as for applications where the control is integrated with the push button controller of the crane.

Choose the safe Skanveir Dumbo

Dumbo vacuum lifter complies with the requirements of European safety standard EN 13155. At energy supply failure, Dumbo is capable of holding the load for 5 minutes, and load release is done by two-action control. Safety factor of every Skanveir lifter is at least 2.



Positions of suction cups (4, 6 or 8 pieces) can be changed easily with quick releases, and Dumbo adapts quickly to different plate sizes and handling requirements.



Standard features / all models	
<ul style="list-style-type: none"> articulated and spring-dampened suction cups that grip also to curved surfaces single point fastening to crane hook zinc-passivated frame that acts also as a vacuum receiver zinc-passivated cross beams ergonomic operating handle 	<ul style="list-style-type: none"> easily adjustable location of suction cups with quick releases manual cut-off valve at each suction cup allows disconnecting when lifting plates of irregular shape vacuum valve vacuum gauge
Features / electrical drive	Features / pneumatic drive
<ul style="list-style-type: none"> dry running rotary vane pump optical alarm with independent power supply and charging system electric power centre 	<ul style="list-style-type: none"> multi-stage pneumatically operated pump control buttons at handle optical alarm
Options	
<ul style="list-style-type: none"> energy saving valve (pneumatic) control buttons at handle (electrical) bracket for pendant control box of the crane sound alarm support legs 	

Technical data / Dumbo vacuum lifters

Models with pneumatic pump

Technical data	A200	A300	A400	A440	A660	A880
Nominal lifting capacity ¹⁾ / kg	200	300	400	440	660	880
Suction cup diameter / mm	160	160	160	230	230	230
Number of suction cups / pcs	4	6	8	4	6	8
Length / mm	1660	1660	2150	1720	1720	2220
Width (without handle) / mm	1080	1080	1080	1150	1150	1150
Height / mm	660	660	660	660	660	660
Weight / kg	44	52	64	48	57	71
Pneumatic connection (4-6 bar)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"

¹⁾ Nominal load bearing capacity for horizontal lifting with safety factor 2.

Models with electrical pump

Technical data	E240	E360	E480	E500	E750	E1000
Nominal lifting capacity ¹⁾ / kg	240	360	480	500	750	1000
Suction cup diameter / mm	160	160	160	230	230	230
Number of suction cups / pcs	4	6	8	4	6	8
Length / mm	1660	1660	2150	1720	1720	2220
Width (without handle) / mm	1080	1080	1080	1150	1150	1150
Height / mm	660	660	660	660	660	660
Weight / kg	58	66	75	63	76	86
Electrical connection / V/Hz	400/50	400/50	400/50	400/50	400/50	400/50

¹⁾ Nominal load bearing capacity for horizontal lifting with safety factor 2.



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Dumbo vacuum lifter combined with Skanveir plate rack is an optimum solution for plate handling at laser cutting, for instance.

Skanevir Oy manufactures vacuum and magnetic lifters and portals for plate, element, panel and timber handling. The company has 30 years of experience in it's field. The customers are mostly found in metal working companies, steel service centres, shipyards, element factories and sawmills.