

Dumbo Vacuum Lifters, for loads up to 1,000kg

Series E with an electric pump



The Dumbo vacuum lifter is a light, easy-to-use, and handy tool for handling metal sheets.

The lifter has a large vacuum receiver, which guarantees quick grip operations.

Models in the Dumbo product family come with either a pneumatic or electric pump

DUMBO LIFTERS WITH AN ELECTRIC PUMP.

The vacuum lifter with an electric pump is suitable for both overhead and jib cranes. A unique control system monitors the functioning of the lifter, sending an alarm signal in an emergency situation; for ex. due to insufficient grip leading to a leak. The LCD screen of the control box displays also the other warnings and reminders of maintenance. Additionally, the control system stops and starts the vacuum pump automatically, when necessary, thus saving energy and extending the pump life.

Model	E500	E750	E1000	E1000-4	E1000-6
Nominal lifting capacity /kg	500	750	1000	1000	1000
Max. plate size (m)	1,5 x 3,0	1,5 x 3,0	1,5 x 3,0	2,0 x 4,0	2,0 x 6,0
Max. plate thickness for the largest plate (mm)	12	20	25	14	10
Suction cup diameter / mm	230	230	230	230	230
Number of suction cups / pcs	4	6	8	8	8
Beam length	1,5	1,5	2,0	3,0	4,5

The lifter height is 0,8 m and cross-beam length 1,0m

The Skanveir Magnetic Lifter complies with the requirements of European safety standard EN 13155.

*) Nominal lifting capacity for horizontal lifting with a safety factor 2.

Ask for details on other combinations of suction cups and beam lengths

STANDARD FEATURES

- articulated and spring-loaded suction cups are capable of gripping curved surfaces as well
- single-point fastening to the crane's hook
- a robust frame that also acts as a vacuum reserve
- an ergonomic control handle
- easily adjustable location of suction cups (transversely and lengthways), with quick releases
- a manual cut-off valve at each suction cup
- a vacuum valve
- a vacuum gauge
- control buttons on the handle
- an easily visible alarm indicator

OPTIONS

- an energy-saving valve (for pneumatic models)
- a water separator
- support legs
- a bracket for the crane's control box
- additional lifting hooks

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