TAWI Multifunctional Lifter

Ergonomics & productivity combined



TAWI

Ergonomic & economic vacuum lifting equipment

Good ergonomics is an effective way of making your business more productive and profitable. It's about organizing work in a way that contributes to healthy employees while maintaining efficient productivity.



Ergonomic

User friendly

Swedish quality. Global solutions.

TAWI lifting equipment has been facilitating ergonomic material handling for decades, and by customizing our solutions to your specific needs we can guarantee that they will help lift your business.

TAWI vacuum lifters are robust and reliable tools that make lifting easy, for everyone. No matter who you are or what you need to lift, TAWI vacuum lifters will make lifting easy and efficient.



"We contacted TAWI and together we found a solution that fits perfectly to our needs. We would not be able to handle the manual lifting operations without TAWI vacuum lifters."

Susan Betzer
Packaging employee & environmental representative, RPC Superfos, Denmark

Anyone can lift just about anything



Large and heavy goods can easily be handled by one single person. Boosting efficiency and lowering costs.



Safe and reliable lifting in all possible environments and working conditions.



A wide selection of handles and suction feet helps customize the lifter to meet your specific needs.



Increasing productivity and ergonomics at the same time is a challenge for more and more businesses. We help you achieve this.

TAWI Multifunctional lifter - helps you save time and resources

The challenge - increasing productivity and ergonomics at the same time is becoming more and more important for many companies Our focus is to help you achieve this.

The solution - using TAWI Multifunctional lifters means that large and heavy goods can be handled by one single person, saving valuable time and resources for your business. Our multifunctional vacuum lifter helps you achieve a powerful combination of efficiency, ergonomics and economy that will boost your business. We adapt our products to meet your requirements.

"TAWI has helped us not just with standard lifting equipment, but with customized solutions adjusted to our specific needs"

Björn Skoglund
Production leader, LG Collection, Sweden

Speed up manual handling with vacuum

What do you need to lift? Choose between 12 models for lifting sacks, boxes, sheets, panels, crates, drums and much more, up to 270 kg.

Ergonomic

User friendly

TAWI Multifunctional lifter is a safe and reliable tool commonly used in manufacturing and mechanical processing, warehouses and distribution terminals.

Extremely smooth and quick operation is accomplished by using the same handle to lift, lower and release the load, and by using the vacuum to hold and lift the load. Anyone can handle goods in all sizes, up to 270 kg, with practically no effort at all.

Achieve smart lifting as a two-man job can often be carried out by one operator with TAWI Multifunctional lifter. No heavy lifting and no uncomfortable strain on the body means no more aching shoulders, backs, and knees.

Stainless steel models, ideal for industries with sanitary requirements, are available on request. The lift system can also be adapted for **ATEX**-regulated facilities.

Key features

- **Lift up to** 270 kg without physical effort
- **Lifts most types** of loads, from boxes and sacks to laminate boards and cheese blocks
- **Achieve drastic reduction** in heavy, repetitive lifting
- **Easy to use,** anyone will learn how to use it within minutes
- **High customization** abilities
- **Stainless steel** models and ATEX adapted systems available on request



Lifting, moving and placing large wooden sheets with our multifunctional lifter is safe and reliable.

Tilt or turn sheets up to 360°.



Lifting above shoulder height is effortless and easy with our vacuum lifter.

Smart functions



The handle can be tall or short, fixed or flexible, anything you need to reach your goods in an ergonomic way.



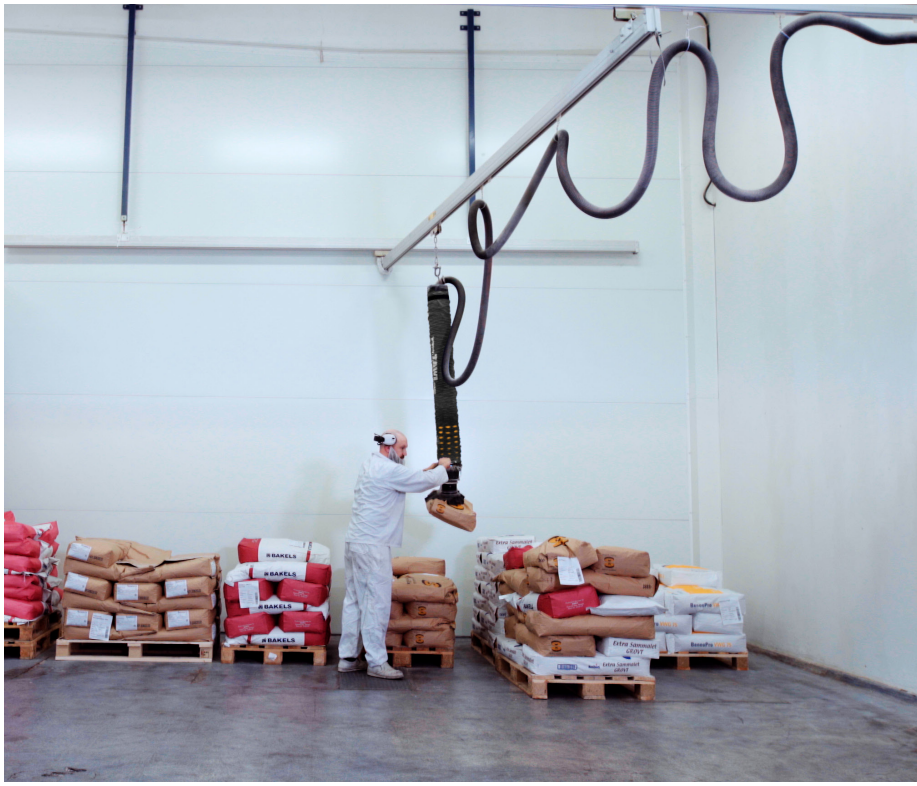
The direct driven pump minimizes friction and unnecessary wear, ensuring continuous operations for your vacuum lifters.

Safe & reliable material handling

Vacuum technology is ideal for secure lifting without risk of damaging the goods or the person lifting them.

Grip the load with suction cups designed for the goods you need to lift, regardless if you are lifting sacks, boxes, sheets or something else.

TAWI lifters are always designed with the user in focus, often customized for specific customer needs. The vacuum lifters are very user-friendly and anyone will learn how to use them within minutes.



Standard models

Model	VM30	VM40	VM50	VM60	VM80	VM100	VM120	VM180	VM270
Lifting capacity (kg)	30	40	50	60	80	100	120	180	270
Max length lift tube (mm)	2600	2600	2600	4000	4000	2500	4000	2500	2500
Lift tube ø (mm)	100	120	140	160	180	200	230	250	300
Stroke (mm)	1800/2600	1800/2600	1800/2600	1800/2600	1800/2600	1700/2400	1700/2400	1500/1800	1500/1800
Lifting speed (m/s)	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Pump	Medium	Medium	Medium	Large	Large	Large	Large	Large	Large

*VM30-VM120 are available in stainless steel, ideal for industries with high sanitary requirements.
VM180 and VM270 are avilable in stainless steel with standard hose.



Our vacuum pumps are designed with three key features in mind; performance, reliability and sustainability. The direct driven pump minimizes friction and unnecessary wear, ensuring continuous operations for your vacuum lifters.

TAWI vacuum pumps are available in two models; medium and large. The medium model is recommended for VM30-50, the large model for VM60-270.



We recommend mounting your TAWI Multifunctional lifter in our own range of Crane Systems. The jib arm or bridge crane suspends the lift tube and is available in different lengths and capacities.

Contact your TAWI representative for more information about our overhead crane systems and jib cranes.

Handles



Fixed handle



Standard handle



Flex handle



Special handle

Wide selection of handles

Ensures an ergonomic lifting solution for every operator. Choose between a fixed or flex handle, a standard model or a custom made handle designed for your needs.

Suction feet

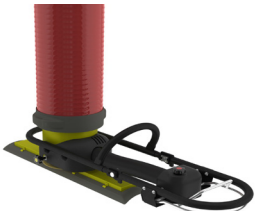




Standard handle with suction foot for sacks









Hook tool and fixed handle

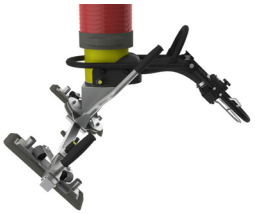


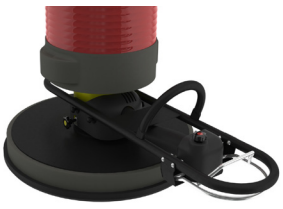
Flex handle with suction tool for side lifting











Standard and customized suction feet

A broad selection of standard suction feet and our ability to build customized suction feet guarantees that we can help you lift whatever you need to lift. Grip your load from the top or from the side depending on what suits your operations best.



Smart lifting

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