

TAWI Mobile

High Frequency Lifter

Streamline your logistics processes

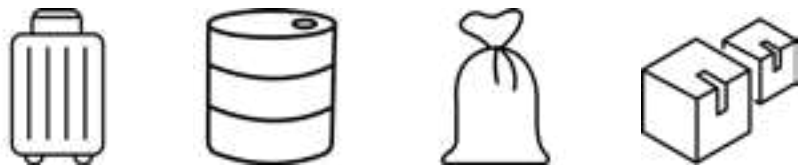


Mobile High Frequency Lifter

Versatile and mobile lifting solution

The TAWI Mobile High Frequency Lifter is a versatile lifting solution that is easy to use along the logistics processes, from container and truck unloading, order picking, or conveyor to pallet. With high-frequency vacuum lift capabilities, it is ideal whenever you need to handle goods quickly and efficiently within your facilities.

Choose what you want to lift



Flexible and adaptable to a fast-paced environment with high demand and production needs. Its compact design and plug-and-play solution make it easy to move around the facility. Thanks to the low-built articulated arm, the operator can cover a large working area and be used inside containers and other spaces with limited headroom.

The main benefit of the TAWI Mobile High Frequency Lifter is its adaptability and mobility for use in other areas of the business, plus the quick payback on an ROI calculation.



Streamline all of your logistics processes

Based on our most rapid vacuum lifter, we have developed the Mobile High Frequency Lifter - a mobile vacuum lifter designed to optimize workflows throughout the whole facility.

Vacuum lifters are an invaluable tool for any workplace, offering both robustness and reliability to ensure secure lifting with no risk of damaging the goods or the operator. TAWI vacuum lifters are designed with the user always in focus and can even be customized to meet specific customer needs. Not only that, but their user-friendly design means

anyone can learn to use them within minutes. Grip the load with suction cups designed for the goods you need to lift, whether that be sacks, boxes, baggage or other type of loads. This increases workplace flexibility, allowing your employees to switch between workstations without any difficulty.



Quick and easy lifts

Based on our most efficient lifters, the High-Frequency Lifter, we developed the Mobile High-Frequency Lifter. Quickly grip and lift boxes, sacks, baggage or other packaged goods up to 50 kg without any effort. Featuring a comfortable handle for one-hand use, you can swiftly lift and move goods with high speed. Requiring only an external power supply for implementation, it is perfect for logistics centres and other operations where speed is of the utmost importance. This vacuum lifter will help streamline processes, improve ergonomics and ensure maximum efficiency.

Articulating arm allows excellent range of motion

The Mobile High Frequency Lifter is one of our most adaptable lifting solutions and is perfect for use in areas with limited headroom. With a reach ranging from 2.1m to 2.6m in height, it is ideal for unloading containers, picking orders, and conveying to pallets. Its low-built construction allows it to fit into pallet racks, containers, and trucks with ease, making it a valuable asset to any warehouse operation. The arm of the Mobile High Frequency Lifter comes in both carbon fibre and steel, giving you the flexibility to choose the arm that best suits your application. Furthermore, its portability makes it easy to move between areas, allowing maximum utilization of the lifter.

One unit - multiple work areas

This mobile vacuum lifter is an ideal lifting solution for a warehouse with high demand for efficiency and speed, due to its compact design and mobility. With only an external power supply needed, you can quickly move it around on a pallet jack, allowing one unit to serve the entire warehouse instead of

Key features

- Versatile and mobile
- No unique installation required
- Plug-and-play solution
- Up to 50 kg lifting capacity
- Eliminate all lifting strains
- Customisable to meet the needs of different types of loads

having to install one at each gate and in different areas. This agile machine will help operators in the warehouse quickly and easily. In areas of 3PL, the Mobile High Frequency Lifter can also be split across multiple contracts reducing the amount of labour involved. Implementing a vacuum lifter will make the overall process more effective as it is possible to move from a two-man lift to one person being able to handle the load themselves. Saving both time and manpower.

Reduces injuries from manual handling

The Mobile High Frequency Lifter eliminates the risk of injury by taking on 100% of the lifting. Allowing anyone in the workforce to do the lifting, and as a result, reducing the need for operational planning for manual labour. Once the work in one area is completed, the Mobile High Frequency Lifter can be easily transported to another area of the operation. Providing a future-proof concept to the market's needs.

Handle goods quickly and efficiently

The Mobile High Frequency Lifter is a multi-functional asset that can be moved both within and between warehouses, making it valuable for any operation.

Product model	MHL40	MHL50
Max load*	40kg	50kg
Arm type	Carbon / Steel	Carbon / Steel
Total weight	695kg	695kg
Sound level**	55dBA	55dBA
Power	2,2kW	2,6kW
Frequency	50Hz	60Hz
Voltage (3-Phase N + PE)	200V / 220V / 230V / 265V / 400V / 460V	200V / 220V / 230V / 265V / 400V / 460V
Lifting speed	0-1m/s	0-1m/s
Enviroment	Normal indoor industrial enviroment	Normal indoor industrial enviroment
Labeling	CE and UKCA***	CE and UKCA***

* For air tight objects
**1 meter from control handle
*** To be introduced 2023



Mobile solution for container unloading

Enabling businesses to eliminate the burden of manual labour and reduce wait times, resulting in increased productivity and cost savings.

Container Unloading Challenges

Unloading containers can present a number of challenges, ranging from safety concerns to logistical difficulties. The process can be time consuming and labor intensive. The size and weight of the goods inside containers can pose a physical risk to workers, while the time constraints imposed by tight delivery schedules can create logistical headaches. Furthermore, the overall complexity of the process can create delays, resulting in costly disruptions in the supply chain.

Reduce wait times and labour costs

Developed with companies' needs and struggles in mind, the TAWI Mobile High-Frequency Lifter is an effective and efficient solution for unloading containers. Its quick and safe lifting capabilities allow businesses to reduce wait times and labour costs, helping them to save time and money. With its advanced technology, the TAWI Mobile High Frequency Lifter is the perfect way to streamline the process and maximize productivity.

Create a more flexible workforce

The Mobile High Frequency Lifter is the perfect choice to create a more flexible workforce. With its compact and mobile design, it can be easily manoeuvred to any location. This powerful and reliable lifting solution can handle up to 50 kg of load and be operated with one hand. By removing 100% of the lift, any operator in the workforce can make the lift, allowing businesses to quickly adapt to changing demands. Moreover, it is a cost-effective and reliable solution that can be tailored to fit the needs of any business.

Turn a two-person lift into a one-person lift

This innovative lifting solution allows you to quickly and safely turn a two-man lift into a one-man lift. With its easy-to-use design, anyone can lift heavier goods with less effort. The lifter is also equipped with an ergonomically designed handle for greater comfort and ease of use. Staff turnover falls dramatically since a larger recruitment pool opens up because anyone can lift anything with the Mobile High Frequency Lifter, whether they are old or young, male or female, big or small.

With the help of TAWI Mobile High Frequency lifter, turning a two-man lift into a one-man lift when unloading containers will increase your efficiency and help reduce costs. The mobile lifting solution allows operators to work with the same tempo for hours, which makes it easier to calculate how long particular tasks will take and

the resources needed. This helps to create a smoother and more predictable logistics flow, resulting in better resource allocation and a domino effect throughout your business.

An example of a logistics workflow when unloading containers, with and without the Mobile High Frequency Lifter.





Smart lifting

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