



# **TAWI**

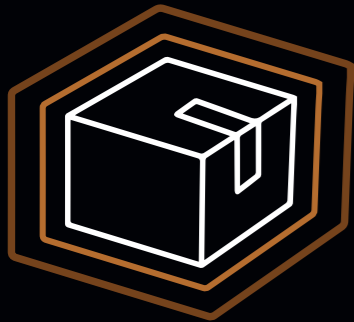
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# **PUTTING THE LOGIC IN LOGISTICS**

**Enhancing Flexibility, Health  
and Productivity with TAWI**

# Setting the scene

In an increasingly interconnected world, the logistics industry plays a pivotal role in ensuring the smooth operation of global supply chains.



As of 2022, the worldwide logistics industry reached a staggering market size of about  
**10.41 trillion US dollars.**

By 2028, experts project this figure to grow by nearly 40% to  
**14.08 trillion US dollars.<sup>1</sup>**

However, the industry is not without its challenges. It has always been a highly competitive market, and cost pressures have only intensified in recent years.

Businesses operating in this sector must constantly innovate and adapt to stay ahead.

**Is your business ready to meet these challenges head-on?**

Thanks to innovative lifting technology developed by TAWI, you can enhance flexibility, health and productivity in your logistics operations.

1. <https://www.statista.com/topics/5691/logistics-industry-worldwide/#topicOverview>



# Addressing Labour Shortages



A labour shortage is one of the greatest challenges facing the logistics sector today. With fewer staff, less lifting can be done, resulting in decreased productivity. This is where TAWI's innovative solutions come into play.

Investing in vacuum lifting technology enables more effective use of a limited workforce, allowing your existing team to do more with less. This not only helps address the issue of labour shortages but also opens up opportunities to hire people from different age groups and physical abilities.

With our solutions, two-man jobs become one, making lifting heavy loads effortless. This increase in efficiency can lead to significant cost savings for your business and help you navigate the labour shortage challenge more effectively.

In a sector where productivity is key, TAWI's solutions offer a way to maintain high levels of efficiency and productivity, even in the face of labour shortages.



# Safety & Ergonomics

TAWI's solutions are designed with safety at the forefront. Employees involved in manual lifting tasks are at risk of sustaining injuries such as strains, sprains, and potentially severe musculoskeletal disorders. The ergonomic design of TAWI products makes it easy to handle, lift, and move different packages effortlessly.



In fact, with any of our lifting solutions, the loads on an employee's body are decreased by

## up to 80%.

By reducing heavy lifting, we help keep your employees healthy, alert, and productive. This approach not only lowers the chance of workplace injuries but also protects your valuable staff. Ergonomic machinery not only minimises the risk of workplace injuries and reduces the likelihood of product damage, it also increases productivity.

Investing in ergonomic lifting solutions like those provided by TAWI can lead to significant improvement in safety records, employee well-being and overall productivity in the logistics sector.



# The TAWI Advantage

In the competitive landscape of the logistics industry, TAWI catalyses logistic optimisation for companies with innovative lifting technology. Our solutions are designed to enhance three key areas: flexibility, health, and productivity.

## Flexibility:

TAWI lifters and pickers are versatile, enabling consistency in transferring goods within a warehouse. They are compatible with any type of forklift or pallet jack, allowing you to effortlessly pick up orders on the move with our vacuum lifter. This flexibility allows your team to adapt to various operational needs, and improve forecasting and resource management.

In addition to this, our lifters help address labour shortages by empowering everyone with the ability to lift. A significant challenge to workforce flexibility and job rotation is the physically demanding nature of tasks, such as sorting packages from conveyor to pallet.

These high-level repetitive movements mean that only a limited percentage of your employees can perform these tasks. This issue is further exacerbated by resource shortages and sick leaves, including those related to work injuries.

Incorporating assistive technology into your operations means that, not just those physically capable of lifting heavy goods repetitively are assigned to such jobs. Having a flexible workforce means that your employees can perform a variety of different tasks and can be deployed when and where they are needed the most. A company with a flexible workforce ensures that employees can perform different tasks and functions in response to fluctuations in demands and labour resources.

## Health:

In the logistics industry, safety is of utmost importance. In 2022 alone, nearly 24% of preventable workplace fatalities in the US were attributed to the logistics, warehousing, and wholesale trade industries.<sup>2</sup>

Repetitive motions over extended periods can lead to excessive wear and tear on muscles, tendons, and nerve tissues, potentially causing cumulative trauma disorders. Daily tasks such as bending, reaching, stretching or lifting create micro-traumas within the worker's body that may not have the opportunity to heal. Over time, this wear and tear can result in chronic pain and loss of mobility.

Moreover, constant physical exertion can lead to both mental and physical exhaustion, reducing an employee's awareness of their surroundings and response times.

This can increase the likelihood of accidents at work, and even worse, elevate the risks of slips, trips and falls, leading to more serious injuries.

TAWI's solutions are designed with health and safety at the forefront. Our ergonomic design makes it easy to handle, lift and move different packages effortlessly. By reducing heavy lifting, we help keep your employees healthy, alert and productive. This approach not only lowers the chance of workplace injuries but also protects your valuable staff.

## Productivity:

In the modern era, major logistics corporations have transformed next-day delivery from a unique selling proposition (USP) into a standard expectation for customers. This shift has significantly increased the pressure on logistics companies to enhance their efficiency and productivity like never before.

In this high-pressure environment, TAWI solutions emerge as a game-changer. By replacing manual lifting and unloading processes, we offer businesses substantial savings, nearly 50%. Over a day, a TAWI machine consistently surpasses human-only operations, thereby reducing fatigue, strain and the risk of injury.

What was once a two-person job can now be effortlessly handled by one individual with the help of TAWI. This not only increases productivity but also leads to considerable cost savings for your business. By integrating our solutions into

your operations, businesses can keep pace with the increasing demands of the logistics industry and continue to meet customer expectations efficiently.

# TAWI

## A Century of Innovation in Lifting Solutions

With a century of experience, TAWI is the foremost provider of manual lifting equipment, delivering comprehensive ergonomic lifting solutions to customers globally.

From container and truck unloading to conveyor to pallet and order picking, TAWI has the solution for you. Our reliable engineering team and the aftercare service you'll receive for the lifetime of your lifter are just a few of the many reasons for choosing TAWI.

TAWI partners with businesses to build a solution specific to their logistics company's needs.

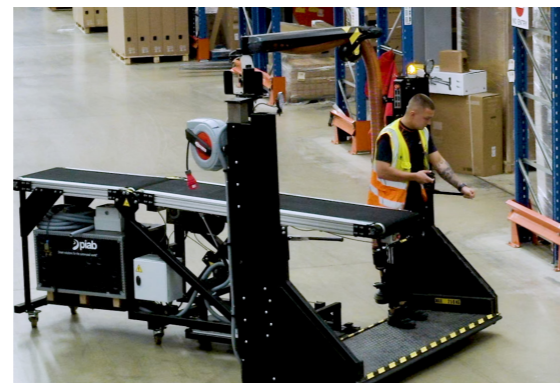
We work to understand the space you have available and which of our products would work seamlessly within your business.



**TAWI  
Mobile Order Picker**

Our Mobile Order Picker is a fully mobile vacuum lifter ideal for streamlining order picking and material handling.

- Compatible with any type of forklift or pallet jack
- Articulating arm for optimal reach
- Adjustable height facilitates reach into pallet racks
- Support legs for extra stability
- Grip boxes from the top or the side
- Lift boxes of all sizes, up to 80 kilos



**TAWI  
Container Unloader**

The TAWI Container Unloader is a mobile, flexible solution for loading and unloading shipping containers.

- Flexible modular system
- Fully mobile
- Integrated ergonomic vacuum lift
- Mobile conveyor belt
- Safe operator platform



**TAWI  
High-Frequency Lifter**

The TAWI High-Frequency Lifter picks up boxes of all shapes and sizes, securely gripping them with ease, without damaging any packaging. It's a testament to our commitment to efficiency and care.

- High-speed box handling
- Grip from the top or the side
- Easy and flexible reach inside and outside containers
- Suitable for all the streamlining in the logistics process



**TAWI  
Multifunctional Lifter**

The TAWI Multifunctional Lifter lifts up to 270kg with vacuum technology, swiftly switching suction tools for various loads like plastic bags or fragile glass. An extended handle option assists in manoeuvring large loads or reaching deep into pallet racking.

- Ergonomic handle to ensure good working position
- Suction feet for boxes of all sizes
- Lifting taped boxes
- Grip boxes from the top, from the side or both
- Adjusting lifting height

# Why Choose TAWI

Quite simply, we put the logic in logistics. TAWI's data-driven approach and strategic insights enable us to develop smart vacuum lifting solutions that optimise operations within your logistic hubs, driving efficiency and improving team fatigue and morale. TAWI develops the latest technologies and best practices to streamline your container loading and unloading. With our innovative solutions, you can stay ahead of the curve and outperform the competition.

It just makes sense. Choosing TAWI means investing in the future of your business. Our reliable engineering team and the aftercare service you'll receive for the lifetime of your lifter are just a few reasons why TAWI stands out in the industry. By reducing heavy lifting, we keep your employees healthy, alert and productive. This approach not only lowers the chance of workplace injuries but also protects your valuable staff.

## Our Service

- ✓ We offer a free, no-obligation visit to assess your requirements.
- 
- ✓ Send us samples of your lifting requirements to ensure that our solution best caters to your needs.
- 
- ✓ We'll ship the products and help construct them in your warehouse or haulage facility.
- 
- ✓ Team upskilling & Training - we won't leave until your team is comfortable with the equipment.
- 
- ✓ Constant customer support is available after installation and go-live.

Put the logic in your logistics facility today and experience the difference in lifting technology. Let's elevate the future together!

**Organise a call with our Logistics expert today!**





# Put the Logic in Logistics with **TAWI lifting solutions**



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