



Toyota forklifts:

Our safety features.

TOYOTA

MATERIAL HANDLING



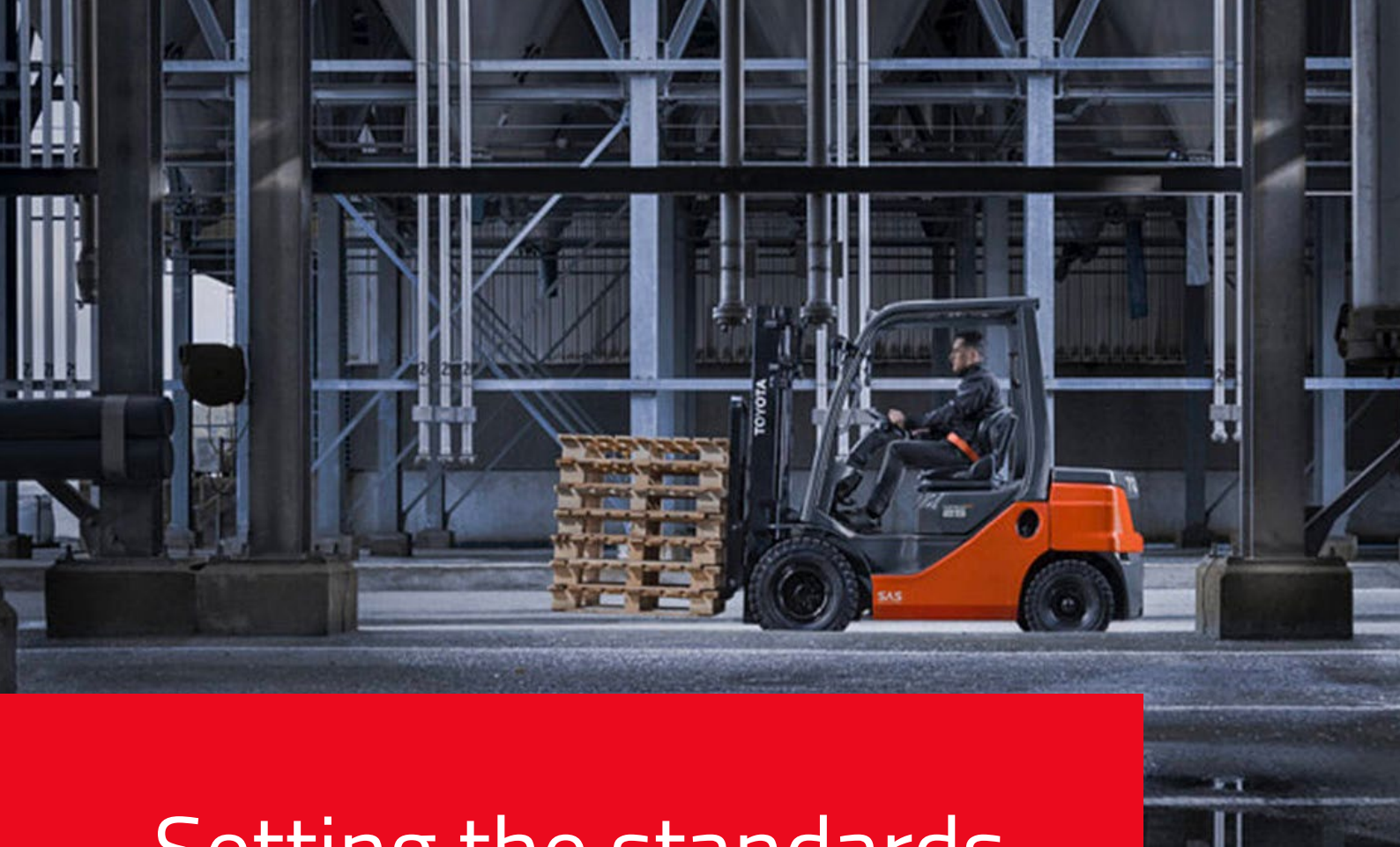
Toyota's first counterbalanced forklift truck was produced over 60 years ago in the 1950s — a revolutionary moment in the material handling industry. We have come a long way since then.

Our product range has grown and so has our brand.

But some things have always remained the same.

The safety of our customers has always been something we are passionate about. A safe workplace is more productive — and materials handling equipment play a crucial role in making this happen.

[Our forklifts](#) are widely regarded as the safest in the world, and for good reason. Keep reading to learn more about our trucks, their different features and how they will help you achieve your health and safety goals.



Setting the standards.

Our range of trucks have been designed to meet and exceed the highest standards in the UK, in line with regulations.

By doing so, we continue to be pioneers in the industry, providing the safest forklifts on the market, setting the standards and always striving to achieve more for our customers.

We do this by implementing [Toyota Production Systems \(TPS\) principles](#) at every stage of our operation. This ensures we make problems visible, continually improve our services and always offer 100% value.

Below, you will find a diagram of one of our forklifts, along with a breakdown of all the different features that contribute to ensuring your operation remains safe and compliant at all times.





System of active stability (SAS).

Stability, confidence and safety are all essential aspects when handling goods. Our forklifts are fitted with [SAS systems](#) to help you achieve this and this is something that is unique to our trucks. While operating a Toyota counterbalanced forklift truck, all driving and stacking actions feel stable and controlled as the SAS system acts before an unsafe operation occurs.

SAS takes over 3,000 readings per second to detect unsafe operating conditions. Once an unsafe condition is detected, Toyota forklifts instantly engage a swing lock cylinder to stabilise the rear axle and prevent risk to the operator, the forklift or other people in close proximity.

On top of providing your forklift drivers with more confidence, an SAS system can help you achieve several goals, including:



Less load/
infrastructure
damage or load loss.



Reduced accidents.



More moved pallets.



Lower operational
cost.

Active mast control (AMC).

AMC is a feature built into our forklifts that aims to automatically detect load weight and mast height. The forklift will instantly recognise any dangerous tilt speeds and slow down the mast to prevent tip-overs from occurring.

If it senses potential longitudinal instability, it overrides the operator's manual control and limits forward tilt. This decreases the chance of spilling a load or tipping the lift truck forward, which could result in an injury or damaged goods.

This feature is beneficial when inserting or removing pallets. Pallet handling can cause a range of injuries if the correct procedures are not followed. The AMC feature is designed to offer a safety net should an operator try to handle more pallets than the forklift is able to.

Automatic fork leveller.

Our automatic fork leveller is a standard feature on all of our forklifts. Its purpose is to reset empty forks to a level position at the press of a button. This enables operators to easily navigate in and out of a pallet, giving them more confidence and allowing them to be confident when taking on tasks.

Automatic fork levellers are also most useful when inserting or removing pallets. Level forks keep the product more stable and secure, reducing the risk of spillage or forklift tip-over.

Damage to goods and equipment or workplace injuries can often happen due to a forklift being in an incorrect position. This feature enables a driver to see the position of their forklifts when lifting and lowering loads as well as driving and manoeuvring.

Welded overhead guards.

Our forklifts come fitted with welded overhead guards to protect an operator from falling loads. Although these guards are not designed to take the impact of a full capacity load, they offer added protection and prevent serious injury.

A daily inspection of the overhead guards to check for anything broken, damaged or missing could also prevent serious accidents. If you need guidance on running these daily checks, our experts can offer the assistance you need.



Operator restraint systems.

HSE guidance states that drivers must wear a seatbelt, also known as an operator restraint system when using a forklift. As with all vehicles, wearing a seatbelt can seriously minimise the consequences should an accident occur.

Due to the open nature of a forklift, there is a risk of ejection in the event of a truck becoming unstable or turning over. The operator restraint system is designed to prevent this from happening.

When a forklift starts to tip, the operator's instinct is to often try and get out, which increases the risk of getting caught under the truck. The restraint system will ensure they remain inside the forklift to keep them protected.

Manually operated horns.

Like a car, our forklifts are fitted with manual horns that operators can use to alert people if an incident occurs. Their purpose is to get people's attention so they do not put themselves in danger by entering the path of a moving forklift.

The horns can also be used to grab the attention of others should an incident occur. This can allow people to get to the scene quicker, which could lead to the prevention of unnecessary damage.

Depending on your business' policies, horns may also be used when forklifts are approaching blind corners too.

Skid-resistant entry and exit steps.

Forklift truck wheels can pick up dirt and water, potentially creating dangerous environments and increasing the likelihood of someone slipping. Our trucks come built with skid-resistant entry and exit steps as standard. These aim to make entering and exiting a forklift as safe as possible for the operator.

Operator assist grips.

In addition to skid-resistant entry and exit steps, our forklifts also come with built operator assist grips which offer extra stability when operators are entering and exiting the truck.

Ergonomic hydraulic controls.

Toyota's forklifts come fitted with ergonomic hydraulic controls, offering operators effective protection. During their daily routine, forklift operators can be exposed to various mechanical vibrations.

The ergonomic design of our forklifts aims to offer protection to forklift operators when these mechanical vibrations occur. Because the strain on the operator is decreased, so is the risk of accidents. This ensures fewer disruptions and increases efficiency across your operation.





I_Site Fleet Management System.

As an online inventory of your **entire smart forklift fleet** across one or multiple sites, **I_Site** is the perfect companion if you seek to improve safety, performance and efficiency.

I_Site can contribute to a safer work environment in several ways. These include:



Machine & driver management: Control driver access to trucks using pincode or smart access cards.



Shock monitoring: By providing your connected smart trucks with shock sensors, you get a full overview of the number of collisions registered, when they happened, at which speed and ultimately — why they happened.



Access of the go: Thanks to the I_Site mobile application, you can instantly be aware at any time of what is happening on your different sites, with the possibility to take action if necessary.



Helping you do what you do best — book a consultation today.

Toyota Material Handling is the world's number one in developing and producing innovative, high-quality material handling solutions. We are here to ensure you get the most out of your equipment and warehouse configuration — from the shop floor to the site infrastructure.

If you have more questions about warehouse automation or automated vehicles, talk to one of our experienced specialists.

For guaranteed quality, reliability and respect, contact us today.

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