

TOYOTA **TRAIGO^{HT}** Factsheet

2010. The new Toyota Traigo HT

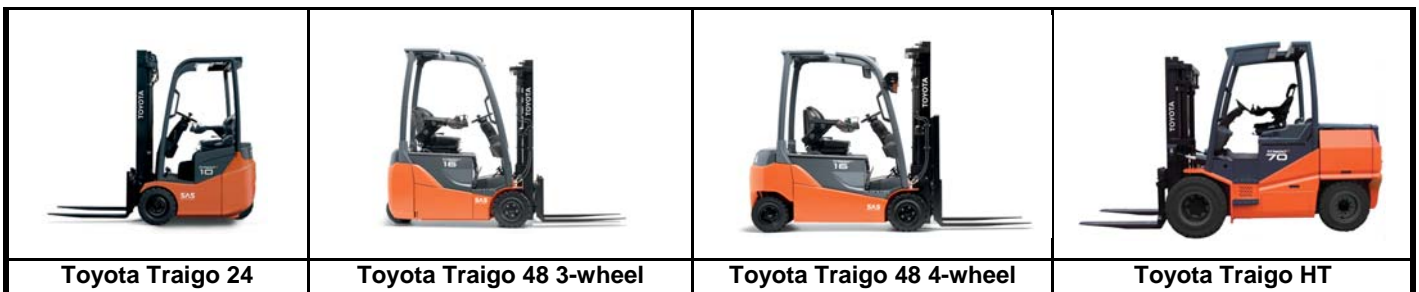
In January 2010 TMHE will start production of an entirely new range of 80-volt models to complete the Toyota Traigo electric counterbalanced forklift range. **Toyota Traigo HT** offers load capacities of 6.0, 7.0 and 8.5 tons, providing an alternative to combustion-engine trucks in the demanding heavy-duty sector. The high-performance Toyota Traigo HT offers class-leading performance and has been designed to excel in its safety, productivity, durability and driveability.

2009. The new Toyota Traigo 24

In 2009 TMHE launched a new version of its Toyota 24-volt truck, the **Toyota Traigo 24**, which offers a range of new and improved features. These include an enhanced digital display and an extended choice of materials handling controls: electronic mini-levers, multifunction levers and side lever controls. The new exterior design gives Traigo 24 a 'family look and feel' in line with Traigo 48.

2008. Toyota Traigo 48 – award-winning design

In 2008, TMHE launched **Toyota Traigo 48**, a new family of compact electric 3-wheel and 4-wheel 48-volt counterbalanced forklifts. Bringing a new look to the Toyota Traigo line-up, Traigo 48 has been honoured with the iF Product Design Award from iF Industrie Forum e.V. – one of the world's best-known design competitions.



A tradition of excellence from the global leader

TMHE began operations in 2006 and offers a full range of Toyota counterbalanced forklifts and BT warehouse equipment. Since 2007 TMHE has launched five new product families addressing 70% of the European materials handling market in terms of units sold. These new products include Toyota Traigo 24, Toyota Traigo 48, Toyota Traigo HT, Toyota Toner engine-powered forklifts, BT Levio powered pallet trucks, BT Staxio powered stackers and BT Reflex reach trucks. And with its complete services and solutions offer, TMHE is truly a reliable business partner, adding value in today's economy.

The environment matters

TMHE believes environmental responsibility is a cornerstone of good business practice. We design environmental improvements into our equipment and processes to limit environmental impact throughout the product life cycle (development, manufacturing, operation and recycling). Manufactured at TMHE's ISO-14001 certified plant in Bologna, Italy, Toyota Traigo HT is designed for years of clean, energy-efficient operation and is highly recyclable at the end of its life.

Toyota Traigo HT product details

Our research of European forklift users indicates customers look for **safety, productivity, durability** and **driveability** when choosing high-capacity electric forklifts. Toyota Traigo HT sets class-leading standards in these areas and features the unique Toyota System of Active Stability (SAS) – the world’s first active system for controlling forklift stability. Higher-tonnage electric forklifts are used in manufacturing, construction materials, paper and beverage industry applications – and show clear growth potential as businesses explore alternatives to engine-powered trucks. Toyota Traigo HT meets customer requirements in this significant market segment.

Safety

SAS uses advanced technology to support safe operating practices, excellent productivity and lower costs related to accidents, injuries and damage to goods. It addresses costs in two key areas – driver costs and damage costs – which collectively can account for more than 70% of the truck life cycle cost. SAS features include the **SAS Active Mast Function**, which helps limit the risk of dropped loads and forward truck tip-over by limiting the mast tilt angle and tilting speed at height. **SAS automatic speed reduction when cornering** supports safe, productive operation by optimizing driving speed when taking corners. **SAS Active Steering Synchronizer** supports safe, efficient driving by continually aligning the steering wheel with the position of the wheels. By returning the steering knob to the most ergonomic ‘8 o’clock’ position after turns, the Active Steering Synchronizer makes driving easy and supports safe, productive handling.

Productivity

The Toyota Traigo HT offers class-leading drive and lifting performance. Toyota developed the 80-volt motors and controllers together for full compatibility, increasing performance and efficiency. Acceleration is smooth and rapid to the class-leading top speed of 16 km/h. Every time the truck decelerates or the brakes are applied energy is regenerated and reused to extend the time the battery can serve before being recharged. Traigo HT’s choice of three pre-set power settings allows the operator to select the appropriate performance for each application. ‘Accel-off’ function is also available, meaning the Traigo HT will brake smoothly as soon as the accelerator is released. The pedals are arranged as in a car as standard, for an intuitive driving experience. In addition, Traigo HT can also be specified with alternative pedal layouts to suit each operator’s experience.

Durability

Toyota Traigo HT has been designed and is being manufactured according to the renowned Toyota Production System (TPS). This ensures that quality is built in throughout the manufacturing process, from the components through to assembly and testing. If a fault does occur, the multifunction display can show a service menu for easy diagnosis. All key components are easily accessible, ensuring that downtime is kept low. Traigo HT’s wet disc brakes ensure that these key components require reduced servicing while delivering high performance.

Driveability

The operator’s comfort has been considered at all stages of Traigo HT’s development. It has an excellent truck/operator interface and low vibration – a key advantage of an electric truck. Traigo HT is easy to get into thanks to its low entry and intermediate steps with a high-grip surface. The large driver assist grip also aids mounting and dismounting – a frequent procedure in most counterbalance applications. The seat and steering are fully adjustable and the steering column is slimline, offering more space for the driver. There is a choice of hydraulic controls between standard mini-levers and optional multifunction lever. Enclosed cabins are available to suit different applications. Traigo HT’s multifunction display shows a wide range of essential information in a simple and clear way, helping the operator focus on the work being done.