

BT lifter

Hand pallet trucks
Lowest lifetime cost



Lowest lifetime cost

The BT hand pallet truck range has been setting standards in strength and performance for over 60 years.

Today's BT Lifter range from Toyota Material Handling maintains these values. Our trucks are proven to be the most durable, lasting up to five times as long as other makes in work cycle tests.

This means that the BT Lifter offers by far the lowest lifetime cost.

A long, reliable working life

Our trucks are designed for a long lifetime of safe, reliable service. In carefully controlled and continuous tests we have measured how many work cycles can be accomplished by a BT Lifter.

Comparable tests have shown that most hand trucks wear out and need to be replaced up to five times to carry out the same amount of work.

Lifetime guarantee

We are so confident in the results of these tests that we provide a unique guarantee. The BT Lifter LHM230 comes with a lifetime (99-year) functional guarantee on the fork frame – a clear demonstration of our commitment to durability.

Direct commercial benefits

The long, guaranteed working life of a hand truck from BT gives direct commercial benefits. However low the cost of alternative hand trucks, the reality is they are likely to be replaced up to five times during the life of a single BT unit.

We achieve outstanding levels of quality and durability by combining our 60-year commitment to the manufacture of quality hand trucks with the benefit of the Toyota Production System philosophy.

The result is evident. Trustworthy, reliable hand trucks that save you money.



Ease-of-use, through innovation

BT hand trucks have evolved over decades. The control handle has been carefully designed to provide a comfortable grip without stress to the arms and hands. Innovation has been central to the development of the range.

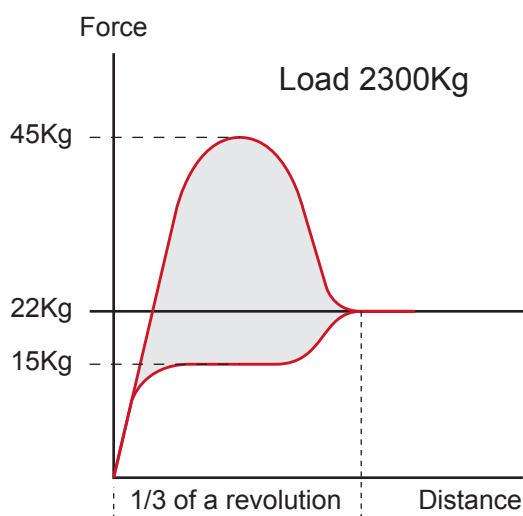
BT Pro Lifter - More work, less force

The first step is always the hardest. Even with a maximum load the BT Pro Lifter hand pallet truck is easy to get moving.

Thanks to its unique Pro Start Technology (PST), a quick pump-action of the tiller arm transfers power to the truck's steering wheels which then turn a third of a revolution to overcome inertia and get you on your way.

With an ordinary hand pallet truck you need a force equivalent to 45kg to get a 2300kg loaded truck moving. Using Pro Start Technology you now only need a force equivalent to 15kg to get a similar load moving.

The same load now requires only 1/3 of the effort.



Reducing risk to people and business

The BT Pro Lifter helps to reduce the risk of injury to employees and the associated costs of manual handling related accidents to business.

It doesn't matter whether you want to push or pull using the BT Pro Lifter. With controls on the handle, you can easily change direction and still enjoy the benefit of the Pro Start Technology. When the BT Pro Lifter goes over a threshold or a smaller upward slope you simply pump the truck over the obstacle for a smooth transition.

So as well as enjoying a more productive working environment, you'll enjoy a safer working environment too.



Quick-lift models

BT Lifters are available with 'quick-lift' specification, which means that it takes just two strokes of the pump unit to elevate the load.

Weigh the load on the move

BT Lifters are available as both a 'weight indicator' version, offering +/-20 kg accuracy, and a full legal-for-trade 'scale' truck that allows accurate measurement of loads during the handling process. An optional printer means documentation can be produced at the point of weighing.

Ultra low

BT's Ultra Low Lifter has a minimum fork height of just 35mm, making it ideal for applications using low-clearance pallets and load ledges to maximise space.

BT Lifters - the range

BT Lifter LHM230

When everyday performance is required, the standard BT Lifter has a lift capacity of 2300 kg.

BT Heavy Lifter LHM300

When the heaviest goods need to be moved, the BT Heavy Lifter has a lift capacity of 3000 kg.

BT Quick Lifter LHM230Q

When maximum productivity is required, the BT Quick Lifter reaches the pallet with the first pump stroke and lifts it with the second.



BT Lifter Ultra Low LHM075UL

When handling low profile load carriers, the BT Lifter Ultra Low is designed to operate with low-clearance pallets and disposable pallets, which are increasingly common in containers which have been loaded by conventional forklifts.

Maximum lift capacity 750 kg.



BT Pro Lifter LHM230P

When the starting force needs to be minimal, the BT Pro Lifter requires up to 67% less force than a standard hand pallet truck to start moving when laden.

Maximum lift capacity 2300 kg.



BT Pro Lifter M LHT100

When close to effort-free travel is required, the BT Pro Lifter M features an electric drive motor for powered travel in either direction.



BT Lifter Silent LHM230SI

For 'after-hours' deliveries, the BT Lifter Silent operates with a noise level that does not exceed 60 dBA, making it perfect for deliveries in residential areas.



BT Stainless Lifter LHM200ST

When operating in corrosive or clean environments, the BT Stainless Lifter is intended for corrosive environments and applications that demand a high standard of hygiene. Its structure is long-lasting high-grade stainless steel.

BT Lifter Galvanized LHM230G

An economical alternative to the Stainless Lifter for 'semi-wet' environments.



BT Lifter with scale LHM200SC

When the load weight needs to be measured, the BT Lifter with scale is designed to provide high-accuracy weighing during the handling process.

BT Lifter with weight indicator LHM230WI

For applications in which +/-20 kg accuracy is acceptable.



BT High Lifter HHM100

When an ergonomic workstation is required, the BT High Lifter models offer hand-truck versatility with the extra feature of a lift height of over 800 mm.



BT High Lifter HHL100

When an ergonomic workstation is required, the electric lift model of the BT High Lifter is the ideal ergonomic workstation.

Add the optional automatic height adjustment for effort-free automatic lift/lower, keeping the top of the load at the same height, for easy working and picking.



BT High Lifter Galvanized / Inox HHM100I

When an ergonomic workstation is required in corrosive or clean environments, the BT High Lifter Inox is intended for environments and applications that demand a higher standard of hygiene and where corrosion can occur.

Its structure is long lasting high-grade stainless steel.



BT Ministacker SHM080 / SHL080

When needing to stack loads, the BT Ministacker is ideal for small stores. Maximum lift capacity 800 kg, maximum lift height 1600 mm.

The SHL080 version features electric lift.

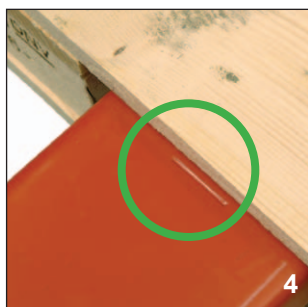
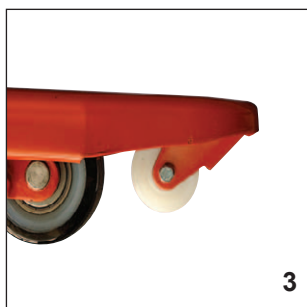


Special / custom designs

When your application has unique requirements we can meet them.



Choose the features that suit your needs



picture number	BT Lifter – LHM230	BT Heavy Lifter – LHM300	BT Quick Lifter – LHM230Q	BT Lifter Ultra Low – LHM075UL	BT Pro Lifter – LHM230P	BT Pro Lifter M – LHT100	BT Lifter Silent – LHM230SI	BT Stainless Lifter – LHM200ST	BT Lifter Galvanized – LHM230G	BT Lifter with scale – LHM200SC	BT Lifter with weight indicator – LHM230WI	BT High Lifter – HHM100	BT High Lifter – HHL100	BT High Lifter Inox – HHM100I	BT High Lifter Inox – HHL100I	BT Ministacker – SHM080	BT Ministacker – SHL080
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Truck features																			
Automatic height adjustment	1																		
Bogie fork wheels	2	•	•	•	•	•	•	•	•	•	•								
Choice of chassis/fork widths		•	•	•	•	•	•	•	•	•	•	•	•	•	•				
Climber wheels	3	•	•	•	•	•	•	•	•	•	•								
Overload version		•	•	•	•	•	•	•	•	•	•								
Quick-lift version		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Train version		•	•																
Markers on the forks	4	•	•																
Safety features																			
Foot protection																	•	•	
Automatic parking brake		•	•																
Emergency collision button																			
Emergency stop																			
Driving features																			
BT Lowering Control (BLC)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
180°+ steering																		•	•
Electronic braking system																			
Electronic speed control																			
Support wheels																			
Controls and instruments																			
Electronic fingertip controls																			
Weighing scale with optional printer	5																		
Accessories																			
Handbrake	6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Load support	7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Parking brake	8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BT Parklock	9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Stackerstop		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pen and paper holder	10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Maintenance features																			
Lubrication points	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Battery management features																			
Battery change facility																			
Battery status indicator																			
Built-in charger																			
Special applications																			
Coldstore version		•	•																
Corrosive environment version																			
Reel/drum handling	12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

• standard • optional

How to choose the right wheel type

- Nylon** An easy-rolling wheel on hard floors. Hard and durable; the best choice when the load is heavy
- Rubber** Quiet and provides good grip on wet / slippery floors
- Steel** Suitable for heavy industry. Easy-rolling wheel that resists damage and dirt and has a very long life
- Powerthane** Combines noiseless travel with high wear resistance
- Polyurethane** Softer and quieter in use than nylon

Hand pallet truck services and solutions

Toyota Material Handling UK provides a nationwide mobile service for maintenance, repair and advice on hand pallet truck applications and usage.

All Toyota hand pallet truck mobile workshops are operated by specialists who are fully trained to repair all popular makes of hand pallet trucks. With Toyota Material Handling's mobile workshops you only pay for the time spent on site, reducing your equipment operating costs.

Preventive Maintenance

As with any mechanical equipment used over a period of time certain components will inevitably need replacing.

Toyota's Hand Pallet Truck Specialists can advise on the best plan, ensuring your trucks continue to operate in the most cost effective way.

In addition we also hold all service details in accordance with PUWER.

Provision and Use of Work Equipment Regulations, 1998. (PUWER 1998)

All mechanical handling and lifting equipment is classed as 'work equipment' and subject to PUWER. They require:

- The inspection and maintenance of equipment.
- The provision of information, instruction and training.
- The marking of controls.
- That mobile work equipment for carrying persons is suitable.
- Protection from rolling over.
- Facilities to prevent unauthorised operation.
- The provision of lighting equipment where necessary.
- The provision, where necessary, of devices to improve vision.

Our mobile units carry on board a full range of replacement parts to ensure your trucks continue to work with maximum uptime.

In the event that a truck is beyond economical repair we will arrange for a replacement normally within 24 hours.

Service

A range of flexible service plans designed to suit your business needs can help to significantly reduce the risk of breakdowns.



Rental - User Club

Ideal for those who prefer to have the use, but not ownership of the truck. Toyota Material Handling's 'User Club' has been chosen by many customers who prefer the 'hassle free' way of operating their fleet of hand trucks with budgeted annual costs.

For a low monthly payment, we supply club members with a new hand pallet truck on a two-year agreement. As a club member, you can extend your initial agreement and receive a brand new truck every two years. Included in the cost your truck will be serviced on a twice yearly schedule by our mobile service team.

For a free site survey or technical advice from a specialist team please call Toyota Material Handling on 0870 850 1409.

Material handling in Europe

Toyota Material Handling has a strong European presence with its Toyota and BT brands, establishing close geographic links with its customers in order to better respond to their needs. Toyota has operations in more than 30 countries, and production centres in Ancenis (France), Bologna (Italy) and Mjölby (Sweden).

Toyota Production System

The Toyota Production System (TPS) empowers team members to improve processes, eliminate unnecessary waste and build quality into every truck. TPS influences every aspect of our organisation and includes a common set of values, knowledge and procedures.

Today, TPS is the acknowledged reference among automotive manufacturers and related industries. Our methods enable businesses to achieve sustained gains in productivity while satisfying customer expectations for quality and reliability.

Our commitment to the environment

Toyota Material Handling believes environmental responsibility is a cornerstone of good business practice.

Toyota strives to reduce environmental impact throughout the product life cycle, from design, manufacturing and operation through to recycling at end-of-life. Toyota's production centres are all ISO 14001 certified.

With its emphasis on eliminating waste, TPS also helps to reduce the environmental impact of our manufacturing activities. CO² emissions, water consumption, waste-water generation and landfill quantities have all been reduced, while recycling levels for packaging, water and scrap have been raised.

Hazardous substances and air pollutants have also been reduced. Moving towards the creation of a recycling-oriented society, Toyota seeks to continuously improve the recyclability levels of its products.

BT Hand Trucks

The BT Lifter LHM230 carries the ECO label, which demonstrates Toyota's commitment to minimising the environmental impact of its hand trucks.



Noise levels and the environment

In some situations the noise associated with moving goods can be a problem. This can typically occur in urban areas where, for example, daily goods deliveries take place late at night or early in the morning. The BT Lifter Silent addresses this problem, by ensuring that noise levels do not exceed 60 dBA, or the noise of two people in normal conversation.





The data in this brochure was determined based on our standard testing conditions. Operating performance may vary depending on the actual specification and condition of the truck as well as the condition of the operating area. Availability and specifications are determined regionally and are subject to change without notice. Please consult your authorised Toyota distributor for details. Due to photography and printing, colour of actual equipment may vary from this brochure. THT-UK080

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