BT Reflex
the complete range of reach trucks from Toyota Material Handling

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Simple, effective trucks for straightforward applications
Advanced trucks – exceptional when working at height
Unique tilting cab maximises productivity, driveability and safety
Designed to fit in confined areas, block stacking and specialised racking
Gives smooth performance indoors and outdoors on rough surfaces
Multidirectional reach truck for long load handling
Some reach truck applications require a straightforward approach — a truck that is simply effective. The BT Reflex B-series is unique, because it has been developed specifically for this type of operation — an easy-to-use, practical solution — particularly suited to drivers that have many tasks to deal with during their working day.

TPS-based reliability
Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.

Simple controls for easy operation
The controls on BT Reflex B-series trucks are as you would expect — simple and logical, with fingertip control levers for all fork movements, and effortless electronic steering for precise driving. The steering system offers 360° flexibility, although conventional 180° steering is available as an option. PIN-code start-up ensures only authorised drivers can operate the truck.

Adjustable cab
The seat and controls are fully adjustable to suit the driver, and the cab floor height can also be adapted according to requirements.

Load capacity: 1.2, 1.4, 1.6 t @ 600 mm load centre
Maximum lift height: 8.5 m
Maximum travel speed: 10 km/h
Maximum battery capacity: 600 Ah
The BT Reflex R-series is designed for high-demand applications that require leading productivity levels without compromising safety.

The patented and unique Transitional Lift Control system ensures completely smooth, shock-free lifting and lowering, even at maximum speed.

Totalview Concept
The design of the overhead guard is also patented and unique to BT Reflex R-series reach trucks. It provides a clear upward view to the forks when working at height. Furthermore the clear-view mast and fork carriage deliver a view to the load that is measurably better than other trucks in their class.

Advance height pre-selection
The optional height pre-selection system also offers productivity benefits, because it allows the driver to pre-select the required lift height whilst in transit to the storage location, unlike conventional systems that can only be activated upon fork elevation. The benefits are faster, simpler operation and improved productivity.

TPS-based reliability
Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.

The BT Reflex R-series trucks are high performance machines that have exceptional and unique features when working at height, allowing high-speed operation for maximum productivity without compromising safety for the driver and security for the load.

The patented and unique Transitional Lift Control system ensures completely smooth, shock-free lifting and lowering, even at maximum speed.

Load capacity: 1.4, 1.6, 1.8, 2.0, 2.5 t
@ 600 mm load centre
Maximum lift height: 12.5 m
Maximum travel speed: 14 km/h
Maximum battery capacity: 930 Ah

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TPS-based reliability
Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.
• The cabin is ergonomically designed around the operator, allowing consistent productivity over a shift.
• Access for maintenance is easy, minimising downtime.
• Battery release handle

The unique Transitional Lift Control system ensures completely smooth, shock-free lifting and lowering even at maximum speed. This is achieved through electronic valve control that carefully regulates the hydraulic system as the mast is elevated and lowered through each lift stage.

The concept of tilting forks was first invented for a BT reach, reflecting the experience that Toyota has when it comes to achieving fast, safe and smooth movement of loads at height.

The patented overhead guard design provides a clear upward view to the forks when working at height. It is also maintenance-free, as there is no risk of dirt accumulating and obscuring visibility.

Coldstore versions are fully adapted to work in temperatures as low as -35°C.
The BT Reflex E-series is the world’s only tilt-cab reach truck and has been delivering superior high level handling performance since its launch. Repeat business from customers using tilt-cab trucks are testament to the advantages of the concept.

TPS-based reliability
Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.

Totalview Concept
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TPS-based reliability
Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.

- Totalview overhead guard features unique angled bars to enhance view of the forks at height
- Optional load weight indicator (inset) enables the driver to check that the load is within the rated capacity for the truck and allows loads weights to be verified during handling

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<td>Clear-view overhead guard</td>
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Load capacity: 1.4, 1.6, 1.8, 2.0, 2.5 t @ 600 mm load centre
Maximum lift height: 12.5 m
Maximum travel speed: 14 km/h
Maximum battery capacity: 930 Ah
Narrow-width reach trucks

Designed and built applications requiring a narrow chassis width, such as block stacking or drive-in racking, or for work in tight situations. However the narrow chassis width is not at the expense of comfort. There is a spacious cab with fully adjustable seat and controls.

TPS-based reliability

Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.

Totalview concept

The design of the overhead guard is patented and unique to BT Reflex N-series reach trucks. It provides a clear upward view to the forks when working at height.

Load capacity: 1.2, 1.4, 1.6 t

@ 600 mm load centre

Maximum lift height: 8.5 m

Maximum travel speed: 11 km/h

Maximum battery capacity: 600 Ah

• BT Reflex N-series models feature 360° steering, for intuitive and responsive control

• Electronic braking aids driveability

• BT Access Control is standard, preventing unauthorised use

• The rear pillar window aids visibility and helps the driver to stay within the truck cab, for extra safety
BT Reflex O-series
Reach trucks for indoor / outdoor use

With 145 mm ground clearance and super-elastic tyres for indoor and outdoor operation, BT Reflex O-series trucks are designed and built for complete versatility. For example, block stacking in yards, servicing outdoor racking and unloading curtain-side trailers.

Transitional Lift Control (TLC)
The patented and unique Transitional Lift Control system ensures completely smooth, shock-free lifting and lowering, even at maximum speed.

Totalview concept
The design of the overhead guard is also patented and unique to BT Reflex reach trucks. It provides a clear upward view to the forks when working at height. Furthermore the clear-view mast and fork carriage deliver a view to the load that is measurably better than other trucks in their class.

All-weather protection
A choice of weather protection options ensures that the BT Reflex O-series can operate in all conditions: overhead and mast-direction windows; additional side windows; and a fully enclosed cab with door and fan heater/ventilation.

TPS-based reliability
Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.

Load capacity: 1.6 t @ 600 mm load centre
Maximum lift height: 7.5 m
Maximum travel speed: 11 km/h
Maximum battery capacity: 620 Ah

- Superelastic tyres on all wheels and 145 mm ground clearance mean the BT Reflex O-series can handle outdoor surfaces, including gradients and transitions.
- The seat and steering wheel are fully adjustable.
The unique design of the BT Reflex F-series means that the driver faces in the direction of the forks to enjoy a clear view of the load being handled. In all other respects the BT Reflex F-series shares the same characteristics as the BT Reflex R-series.

TPS-based reliability

Like all Toyota trucks, BT Reflex reach trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.

Maximum manoeuvrability

Electronic rotation of the leading steer wheel allows the truck to be driven forwards or sideways with the additional manoeuvrability provided by electronic 360° steering.

Handle non-palletised loads

Hydraulic fork spreading to over two metres allows safe handling of long and unusual loads, as well as conventional pallet/unit load handling.

Totalview concept

The design of the overhead guard provides a clear upward view to the forks when working at height. Furthermore the clear-view mast and fork carriage deliver a view to the load to ensure safe and accurate handling.

Load capacity: 2.7 t @ 600 mm load centre
Maximum lift height: 8 m
Maximum fork spread: 2.22 m
Maximum travel speed: 8 km/h
Maximum battery capacity: 750 Ah

**BT Reflex F-series’ hydraulic fork spreader quickly adapts the truck to loads of different dimensions.**

**The operator faces the forks to obtain the best view of long and unusual loads.**
Toyota Material Handling has a clear approach to create effective and profitable relationships:

- Your local sales contact aims to be your trusted business advisor for all handling and logistics operations, to support your activities at both the planning and operational phases

- Our challenge is to analyse and understand your requirements and find efficient handling solutions – in short to fulfil our commitment to ‘Kaizen’ – which means continuous improvement

- A complete range of Toyota products – counterbalance trucks, warehouse trucks, tow tractors and automated solutions

### Financial options

A choice of financial options to suit your exact needs, including finance lease and fully-inclusive long term rental programmes

Quality approved used trucks are also available giving Toyota build-quality at a very competitive cost level

Forward planning with short-term rental options to handle peak periods of activity

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### Toyota Production System

The Toyota Production System has a world-wide reputation for manufacturing quality products:

- Having identified the right equipment for your operations, you have the confidence that it will be manufactured to the highest quality standards – that means reliability

- TPS is built around a process of continuous improvement (Kaizen) which is achieved by following a clear set of values

- All trucks are produced to ISO 14001 quality standards, ensuring minimum environmental impact

- Furthermore, one of the driving values within TPS is the elimination of waste at every stage of the process

- Over 90% of trucks sold by Toyota Material Handling in Europe are built within our European factories in Sweden, France and Italy

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### Toyota Service Concept

The Toyota Service Concept has been developed on TPS principle and is unique in the industry:

- Service means total lifetime support – maintenance, repairs, back-up with extra trucks, driver training and management information

- Real-time information is one of the core values that makes Toyota’s service concept unique. It means everyone in the process has instant on-line access to updated, integrated information – technical support, truck history, parts, truck availability and for data for effective time and route planning

- TSC also means exact-fit in terms of parts and people, with structured training and accreditation processes

- Smart truck telemetry with GPRS/3G communication is also unique to Toyota, and available on almost every truck we produce. This allows better safety standards including driver management and, with Toyota I_Site, complete fleet control for improved safety, efficiency and cost reduction

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These are the expectations of our customers, alongside cost efficiency, sustainability and respect for the environment.

We check these expectations by regularly talking to truck users through surveys, sales discussions and over 3.5 million service visits every year.

We work with customers from one-off users up to the largest fleet operations.

Because our network extends across Europe we are always local.

Understanding customer needs is at the heart of our operations.

We call it CUSTOMER FIRST.

This page describes the unique processes that we follow, from working with you to plan your handling requirements, through building high quality reliable products, then delivering the best possible lifetime support.
Toyota Material Handling in Europe

Total coverage
The Toyota Material Handling network extends to over 30 countries in Europe with more than 4500 mobile technicians.

Always local – with global support
Wherever you are located in Europe, we are always local, due to our extensive coverage, but with the stability and back-up of a worldwide organisation.

Made in Europe
Over 90% of trucks we sell are built in our own European factories, in Sweden, France and Italy – all to TPS quality standards. We employ over 3000 production staff in Europe and work with over 300 European suppliers.

Approximately 15% of our European production is exported to other parts of the world.