BT Reflex

The complete range of reach trucks from Toyota Material Handling

BT Reflex B-series
REACH TRUCKS FOR STRAIGHTFORWARD APPLICATIONS

Simple, effective trucks for straightforward applications
1.2 – 1.6 tonnes load capacities
Lift heights up to 8.5 m

BT Reflex R-series
HIGH PERFORMANCE REACH TRUCKS

Advanced trucks – exceptional when working at height
1.4 – 2.5 tonnes load capacities
Lift heights up to 13 m

BT Reflex E-series
UNIQUE TILTING CAB FOR ULTIMATE PERFORMANCE

Unique tilting cab maximises productivity, driveability and safety
1.4 – 2.5 tonnes load capacities
Lift heights up to 13 m

BT Reflex N-series
NARROW-WIDTH REACH TRUCKS

Designed to fit in confined areas, block stacking and specialised racking
1.2 – 1.6 tonnes load capacities
Lift heights up to 8.5 m

BT Reflex O-series
REACH TRUCKS FOR INDOOR / OUTDOOR USE

Gives smooth performance indoors and outdoors on rough surfaces
1.6 tonne load capacity
Lift heights up to 7.5 m

BT Reflex F-series
4-WAY / LONG LOAD REACH TRUCKS

Multidirectional reach truck for long load handling
2.7 tonne load capacity
Lift heights up to 8 m
BT Reflex B-series
REACH TRUCKS FOR STRAIGHTFORWARD APPLICATIONS

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 who have many tasks to deal with during their working day.

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.

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 B-series’ controls are easy to use, making the trucks ideal for operators who carry out many other tasks during a shift. For example, the automatic parking brake and tilting forks both contribute to safety and productivity.

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Maximum travel speed: 10 km/h
Maximum battery capacity: 600 Ah

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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, increasing safety and productivity.

Coldstore versions are fully adapted to work in temperatures as low as -35°C.

- Access for maintenance is easy, minimising downtime
- Car pedal layout for intuitive and safe operation
- Optional E-bar to fit ancillary equipment
BT Reflex E-series

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.

Class-leading performance at height

The BT Reflex E-series trucks offer the highest residual capacities in class and this up to 13 m thanks to the superb stability of the truck. The reach movement is optimised according to lift height and load weight increasing speed of load handling. The Transitional Lift Control system (TLC) ensures maximum load handling speeds can be maintained in operation thanks to shock-free lifting and lowering.

Totalview Concept

The clean mast and fork carriage design in combination with the transparent roof offer the driver an exceptional view on the load at all times, increasing productivity and safety. The optional fork laser enhances this even further by helping to pick pallets faster and without damage.

World’s only tilt cab

The unique E-series with tilt cab is designed to reduce the risk of strain for the driver in repetitive high-level applications. Working at height is also enhanced by the improved visibility on the load.

Unique driver experience

The truck is fully adjustable to the driver: seat, floor, controls and steering console can all be adapted to any driver size. The patented and unique Transitional Lift Control system ensures completely smooth, shock-free lifting and lowering, even at maximum speed.

Li-ion battery technology

This maintenance-free battery technology offers 30% less energy consumption, exceptional battery life and the option for fast charging at any time eliminating the need for battery change in multi-shift applications.

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BT Reflex N-series
NARROW-WIDTH REACH TRUCKS

Designed and built for 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.

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.

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: 1.2, 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

Options available:
- BT Reflex RRE120M
- BT Reflex RRE140M
- BT Reflex RRE160M

Truck features
- Adjustable fork width
- Automatic parking brake
- Clear-view mast
- Clear-view overhead guard
- Electronic braking system
- Electronic regenerative brakes (motor)
- Electronic speed control
- Enclosed, heated cab
- Fork spreader
- Integrated side-shift
- Load support
- Side-rail
- Tipping forks
- Tipping mast
- Warning light
- Warning lights

Adjustable components
- 360° progressive steering
- Access Control (PIN codes)
- Adjustable BT Control console
- Automatic deceleration
- Crib speed function
- Drive motor temperature warning
- Electronic controller temperature warning
- Electronic fingerprint control
- Electronic height indicator
- Emergency cut-off
- Height pre-selector
- Hour meter
- Lift motor temperature warning
- Load information display
- Minipads: electronic controls
- Multifunction control
- Pedals as in a car
- Power/Electric steering
- Smart Access (electronic card/fob)
- Steering direction indicator

Operator features
- Adjustable pedals
- Adjustable seat
- Adjustable seat with safety belt
- Adjustable steering wheel
- Driver detection system
- Driver-adapted programmable performance
- E-bar
- Heated seat
- Low step-in
- Storage compartments
- Writing table

Maintenance features
- Easy access for maintenance
- Fault diagnosis facility
- Historic fault log

Battery features
- Battery change facility
- Battery discharge prevention system
- Battery status indicator
- Sidesways battery change

Special applications
- Coldstore version
- Drive-in rack version
- EEx version (ATEX)
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.

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.

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.

Unique driver experience

The truck is fully adjustable to the driver: seat, floor, controls and steering console can all be adapted to any driver size.

Safest version (ATEX)

Weather protection solutions
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.

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: 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
The world-renowned Toyota Production System (TPS) is the strong foundation for quality in manufacturing. Kaizen is a process of continuous improvement, achieved by following a clear set of values. ISO 14001 ensures all trucks are produced to these quality standards with minimum environmental impact.

Advice
Your local sales contact functions as a business advisor for all handling and logistics operations. He or she will analyse your requirements and find efficient solutions, as well as support your activities during the planning and operational phases.

Complete range
We offer you a complete range of Toyota trucks: warehouse trucks, tow tractors, counterbalanced trucks and automated solutions.

Solutions
We offer you financial options, including finance lease and long term rental programmes. Our quality approved used trucks are available at a competitive cost level. You can also plan forward with short-term rental options to handle peak periods of activity.

TPS
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Kaizen
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ISO 14001
All trucks are produced to these quality standards with minimum environmental impact.

European
Over 90% of our trucks sold in Europe are built in our factories in Sweden, France or Italy.

TSC
The Toyota Service Concept (TSC) is based on the TPS principle and is unique in the industry.

Total lifetime support
Maintenance, repairs, back-up with extra trucks, driver training and management information.

Real-time information
Instant online access to updated information such as technical support, truck history, parts, truck availability and effective time and route planning.

Exact-fit
In terms of parts and people, with structured training and accreditation processes.

GPRS/3G
Smart truck telemetry allows better safety standards (including driver management) and complete fleet control for improved safety, efficiency and cost reduction (with Toyota I_Site).

Reliability
We think customer first
Confidence
Availability
Productivity
Quality
Safety
Cost-efficiency
Sustainability
Environment

These are the expectations of our customers, with fleets of all different sizes. We get to know them through surveys, sales discussions and service visits. We are always there for them, all over Europe.

For more information about:
- Toyota Production System (TPS)
- Toyota Service Concept (TSC)
- Finance and rental plans
- Service and parts programmes
- Smart truck technology
- Toyota I_Site fleet management
- Environment & sustainability policies
please ask your Toyota representative, or visit www.toyota-forklifts.eu
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.