

Toyota Reach Trucks

The BT Reflex Range



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

P.4-7

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

P.8-11

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

P.12-15

BT Reflex N-series

NARROW-WIDTH REACH TRUCKS



Designed to fit in confined areas, for block stacking and specialised racking

1.2 – 1.6 tonnes load capacities

Lift heights up to 8.5 m

P.16-19

BT Reflex O-series

REACH TRUCKS FOR INDOOR / OUTDOOR USE



Offers smooth performance indoors and outdoors on rough surfaces

1.6 tonne load capacity

Lift heights up to 7.5 m

P.20-23

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

P.24-27



TOYOTA BT REFLEX

B-SERIES

Some reach truck applications require a straightforward approach. 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.

SPECIFICATIONS

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

Option available: **I_Site**





The driver compartment is adjustable to suit different driver sizes. The floor height can be adapted manually or electronically.



Fingertip controls



Cab designed around the operator (shows optional 'comfort' seat)



Optional E-bar mount for all ancillary equipment

● standard ○ option

Truck features

	Safety	Durability	Productivity	Driveability	BT Reflex RRE120B	BT Reflex RRE140B	BT Reflex RRE160B
Adjustable width over forks			●	●	●	●	●
Automatic parking brake	●		●	●	●	●	●
Clear-view mast	●		●	●	●	●	●
Clear-view overhead guard	●		●	●	●	●	●
Electronic braking system	●	●	●	●	●	●	●
Electronic regenerative brakes (motor)			●	●	●	●	●
Electronic speed control	●		●	●	●	●	●
Load support				○	○	○	○
Integrated sideshift				○	○	○	○
Tilting forks				○	○	○	○
Working lights	●		●	○	○	○	○

Controls and instruments

180° steering				○	○	○	○
360° progressive steering	●		●	●	●	●	●
Access control (PIN codes)	●		●	●	●	●	●
Adjustable BT control console			●	●	●	●	●
Automatic deceleration	●		●	●	●	●	●
Creep speed function	●		●	●	●	●	●
Drive motor temperature warning	●	●	●	●	●	●	●
E-bar			○	○	○	○	○
Electronic controller temperature warning	●	●	●	●	●	●	●
Electronic height indicator			○	○	○	○	○
Electronic fingertip controls	●		●	●	●	●	●
Emergency cut-off	●		●	●	●	●	●
Hour meter			●	●	●	●	●
Lift motor temperature warning	●	●	●	●	●	●	●
Mini-joystick electronic controls			●	●	●	●	●
Car pedal layout	●		●	●	●	●	●
Power/Electronic steering	●		●	●	●	●	●
Split control panel			●	●	●	●	●
Steering direction indicator	●		●	●	●	●	●

● standard ○ option

Operator features

	Safety	Durability	Productivity	Driveability	BT Reflex RRE120B	BT Reflex RRE140B	BT Reflex RRE160B
Adjustable backrest	●		●	●	●	●	●
Adjustable floor, 3 steps	●		●	●	●	●	●
Adjustable seat			●	●	●	●	●
Adjustable seat with safety belt	●		○	○	○	○	○
Adjustable steering wheel			●	●	●	●	●
Driver detection system				●	●	●	●
Driver-adapted programmable performance				●	●	●	●
Low step-in	●			●	●	●	●

Maintenance features

Easy access for maintenance		●	●	●	●	●	●
Fault diagnosis facility			●	●	●	●	●
Historic fault log			●	●	●	●	●

Battery management features

Battery status indicator		●	●	●	●	●	●
Battery discharge prevention system		●	●	●	●	●	●

Special applications

Drive-in rack version					○	○	○
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Simple controls for easy operation

The controls on BT Reflex B-series trucks are as you 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 operator, 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.



TOYOTA BT REFLEX R-SERIES

BT Reflex R-series trucks are high-performance machines with exceptional and unique features for working fast and productively at height without compromising safety for the driver and the security of the load.

SPECIFICATIONS

Load capacity: 1.4, 1.6, 1.8, 2.0, 2.5 t @ 600 mm load centre

Maximum lift height: 13 m

Maximum travel speed: 14 km/h

Maximum battery capacity: 930 Ah

Options available: **LSite** **LI-ION** **AUTOPILOT** ❄️ ⚡️





The cabin is ergonomically designed around the operator, allowing consistent productivity during a shift



The transparent roof provides a clear upward view to the forks when working at height.



The operator compartment is adjustable to suit different operator sizes. The floor height can be adapted manually or electronically.



Optional E-bar mount for all ancillary equipment

● standard ◦ option

Truck features

	Safety	Durability	Productivity	Driveability	BT Reflex RRE140H	BT Reflex RRE160H	BT Reflex RRE180H	BT Reflex RRE200H	BT Reflex RRE250H
Adjustable fork width			●	●	●	●	●	●	●
Automatic deceleration	●		●	●	●	●	●	●	●
Automatic parking brake	●		●	●	●	●	●	●	●
Choice of chassis widths			◦	◦	◦	◦	◦	◦	◦
Clear-view mast	●		●	●	●	●	●	●	●
Clear-view overhead guard	●		●	●	●	●	●	●	●
Transparent overhead guard	◦	◦	◦	◦	◦	◦	◦	◦	◦
Electronic braking system	●	●	●	●	●	●	●	●	●
Electronic regenerative brakes (motor)	●	●	●	●	●	●	●	●	●
Electronic speed control	●	●	●	●	●	●	●	●	●
Electronic support arm brakes*	◦	◦	◦	◦	◦	◦	◦	◦	◦
Enclosed, heated cab	●		●	●	●	●	●	●	●
High-capacity battery models	◦	◦	◦	◦	◦	◦	◦	◦	◦
High performance models	◦	◦	◦	◦	◦	◦	◦	◦	◦
Load support	◦	◦	◦	◦	◦	◦	◦	◦	◦
Optimised Cornering Control (OTP)*	●	●	●	●	●	●	●	●	●
Optimised Reach Control (OTP)*	●	●	●	●	●	●	●	●	●
Optimised Speed Control <small>when mast reached out (OTP)</small>	●	●	●	●	●	●	●	●	●
Integrated shideshift	◦	◦	◦	◦	◦	◦	◦	◦	◦
Fork spreader	◦	◦	◦	◦	◦	◦	◦	◦	◦
Tilting forks	●	●	●	●	●	●	●	●	●
Working lights	◦	◦	◦	◦	◦	◦	◦	◦	◦
Blue or red led warning light	◦	◦	◦	◦	◦	◦	◦	◦	◦

Controls and instruments

180° progressive steering	●	●	●	●	◦	◦	◦	◦	◦
360° progressive steering	●	●	●	●	●	●	●	●	●
Access control (PIN codes)	●	●	●	●	●	●	●	●	●
Adjustable control console	●	●	●	●	●	●	●	●	●
Automatic 0-tilt	◦	◦	◦	◦	◦	◦	◦	◦	◦
Camera/monitor system	◦	◦	◦	◦	◦	◦	◦	◦	◦
Creep speed function	●	●	●	●	●	●	●	●	●
Drive motor temperature warning	●	●	●	●	●	●	●	●	●
E-bar	●	●	●	●	●	●	●	●	●
Electronic controller temperature warning	●	●	●	●	●	●	●	●	●
Electronic height indicator	◦	◦	◦	◦	◦	◦	◦	◦	◦
Emergency cut-off	●	●	●	●	●	●	●	●	●
Height pre-selector	◦	◦	◦	◦	◦	◦	◦	◦	◦
Lift motor temperature warning	●	●	●	●	●	●	●	●	●

*standard on RRE180–250

*Optimised Truck Performance

● standard ◦ option

Controls and instruments

Load information display	◦	◦	◦	◦	◦	◦	◦	◦	◦
Mini-joystick electronic controls	●	●	●	●	●	●	●	●	●
Multifunction control	◦	◦	◦	◦	◦	◦	◦	◦	◦
Car pedal layout	●	●	●	●	●	●	●	●	●
Power/Electronic steering	●	●	●	●	●	●	●	●	●
Smart Access (electronic card/fob)	◦	◦	◦	◦	◦	◦	◦	◦	◦
Split control panel	●	●	●	●	●	●	●	●	●
Steering direction indicator	●	●	●	●	●	●	●	●	●
Weight indicator	◦	◦	◦	◦	◦	◦	◦	◦	◦
Fork position laser	◦	◦	◦	◦	◦	◦	◦	◦	◦

Operator features

Adjustable seat	●	●	●	●	●	●	●	●	●
Adjustable seat with safety belt	◦	◦	◦	◦	◦	◦	◦	◦	◦
Adjustable steering wheel	●	●	●	●	●	●	●	●	●
Armrest	◦	◦	◦	◦	◦	◦	◦	◦	◦
Manually adjustable floor	●	●	●	●	●	●	●	●	●
Electrically adjustable floor	◦	◦	◦	◦	◦	◦	◦	◦	◦
Driver detection system	●	●	●	●	●	●	●	●	●
Driver-adapted programmable performance	●	●	●	●	●	●	●	●	●
Heated seat	◦	◦	◦	◦	◦	◦	◦	◦	◦
Low step-in	●	●	●	●	●	●	●	●	●
Storage compartments	●	●	●	●	●	●	●	●	●
Writing table	◦	◦	◦	◦	◦	◦	◦	◦	◦

Maintenance features

Easy access for maintenance	●	●	●	●	●	●	●	●	●
Fault diagnosis facility	●	●	●	●	●	●	●	●	●
Historic fault log	●	●	●	●	●	●	●	●	●

Battery management features

Battery change facility	◦	◦	◦	◦	◦	◦	◦	◦	◦
Battery discharge prevention system	●	●	●	●	●	●	●	●	●
Battery status indicator	●	●	●	●	●	●	●	●	●
Sideways battery change	◦	◦	◦	◦	◦	◦	◦	◦	◦

Special applications

Coldstore version	◦	◦	◦	◦	◦	◦	◦	◦	◦
Drive-in rack version	◦	◦	◦	◦	◦	◦	◦	◦	◦
EEx version (ATEX compliant)	◦	◦	◦	◦	◦	◦	◦	◦	◦

Class-leading performance at height

The BT Reflex R-series trucks offer the highest residual capacities in class of 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 the 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 optional transparent roof offer the driver an exceptional view of 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.

Unique operator experience

The truck is fully adjustable to the operator: 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 can offer 30% less energy consumption during charging, exceptional battery life and the option for fast charging at any time, eliminating the need for battery change in multi-shift applications.

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.



TOYOTA 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.

SPECIFICATIONS

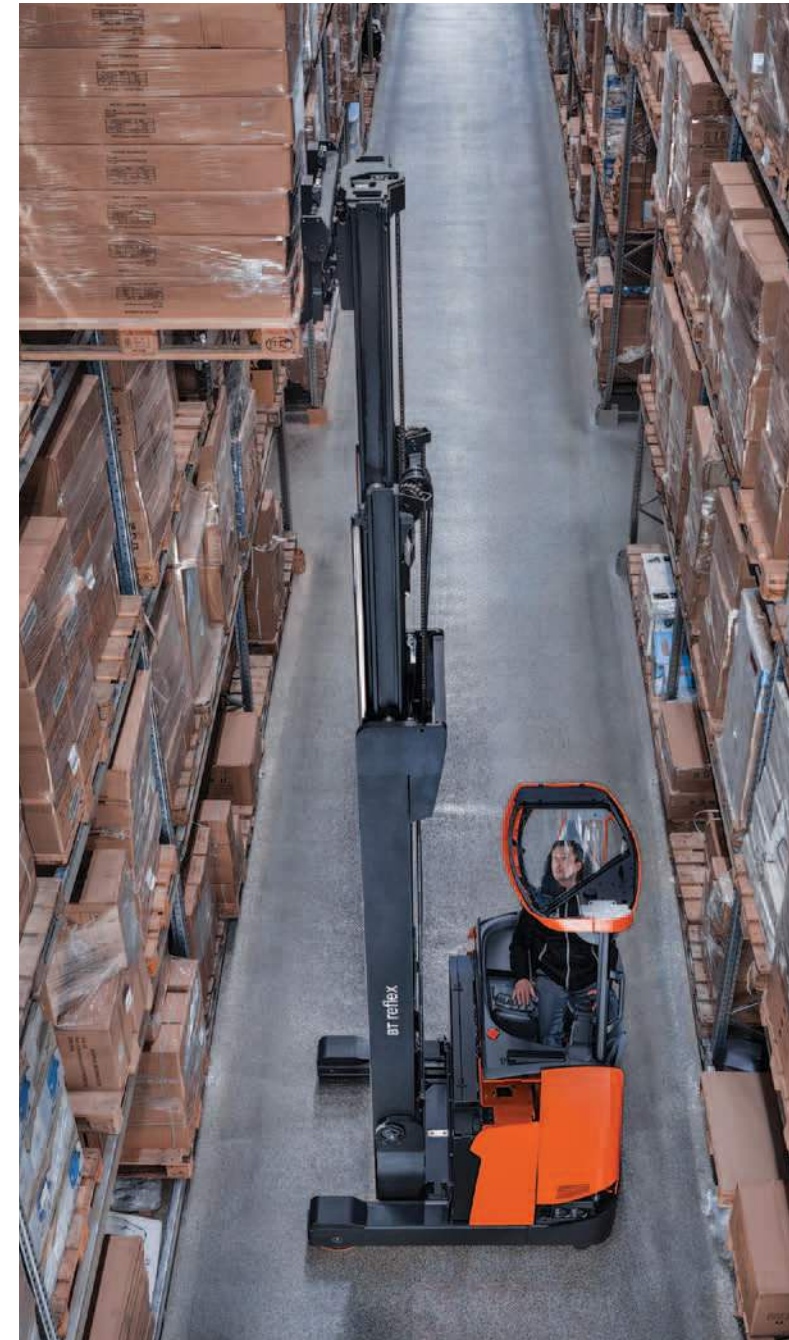
Load capacity: 1.4, 1.6, 1.8, 2.0, 2.5 t @ 600 mm load centre

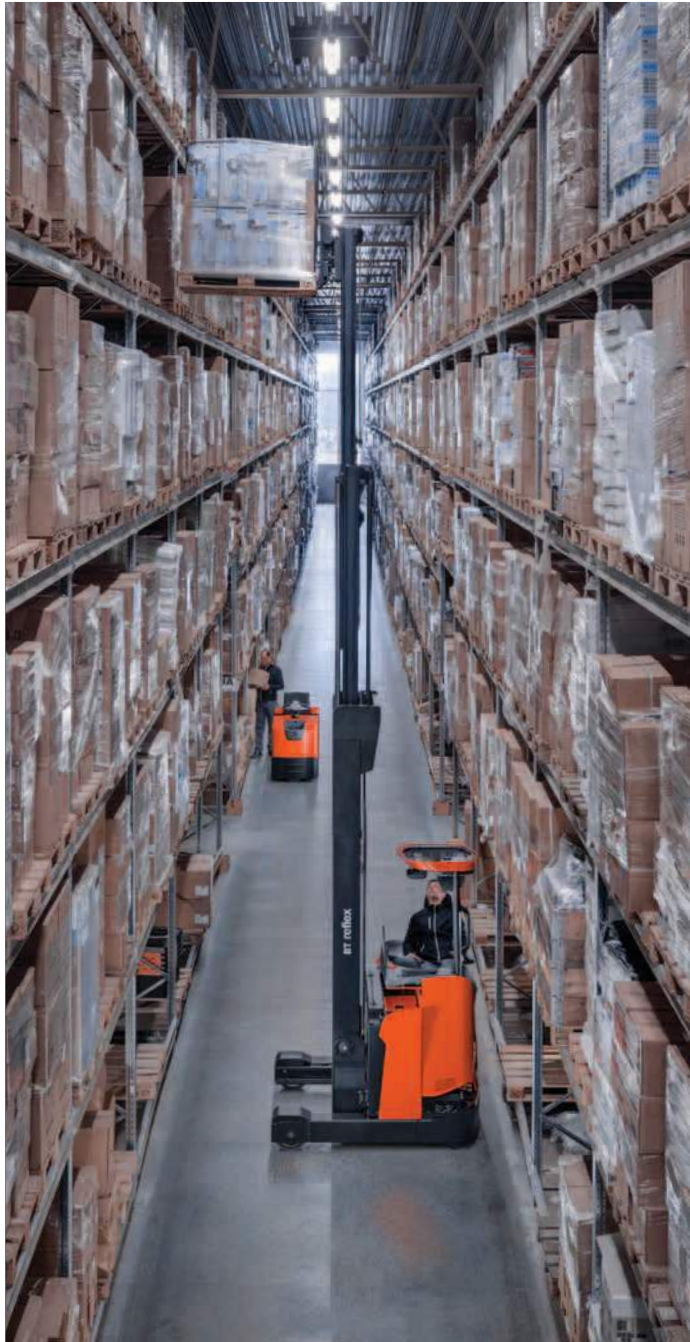
Maximum lift height: 13 m

Maximum travel speed: 14 km/h

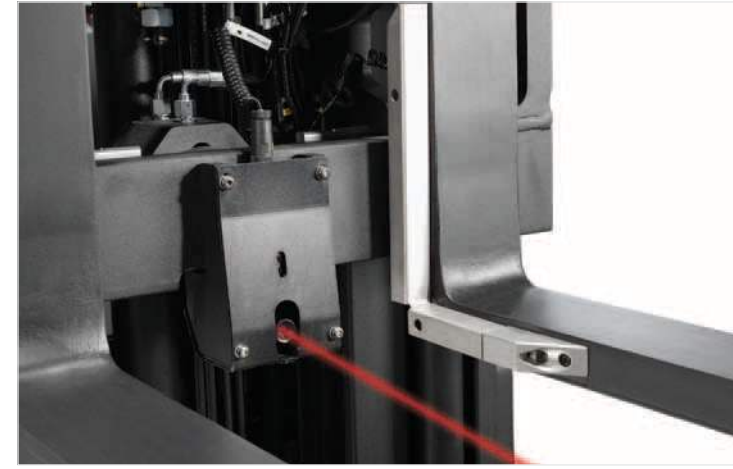
Maximum battery capacity: 930 Ah

Options available: I_Site LI-ION  





The open fork carriage with integrated side shift offers excellent visibility forward.



Easier positioning of the forks in front of pallets with the fork laser option reduces damage cost and keeps productivity high.



Lithium-ion batteries allow for opportunity charging and are 30% more energy-efficient than conventional batteries.

● standard ○ option

Truck features

	Safety	Durability	Productivity	BT Reflex RRE140HE	BT Reflex RRE160HE	BT Reflex RRE180HE	BT Reflex RRE200HE	BT Reflex RRE250HE
Adjustable fork width			●	●	●	●	●	●
Automatic deceleration	●			●	●	●	●	●
Automatic parking brake	●			●	●	●	●	●
Choice of chassis widths				○	○	○	○	○
Clear-view mast	●			●	●	●	●	●
Clear-view overhead guard				●	●	●	●	●
Transparent overhead guard				○	○	○	○	○
Electronic braking system	●			●	●	●	●	●
Electronic regenerative brakes (motor)	●			●	●	●	●	●
Electronic speed control	●			●	●	●	●	●
Electronic support arm brakes *	●			○	○	○	○	○
Enclosed, heated cab				○	○	○	○	○
High-capacity battery models				○	○	○	○	○
High performance models				○	○	○	○	○
Load support				○	○	○	○	○
Optimised Cornering Control (OTP)*	●			●	●	●	●	●
Optimised Reach Control (OTP)*	●			●	●	●	●	●
Optimised Speed Control <small>when mast reached out (OTP)</small>	●			●	●	●	●	●
Integrated sidsheft				○	○	○	○	○
Fork spreader				○	○	○	○	○
Tilting forks	●			●	●	●	●	●
Working lights				○	○	○	○	○
Blue or red led warning light				○	○	○	○	○

Controls and instruments

180° progressive steering				○	○	○	○	○
360° progressive steering	●			●	●	●	●	●
Access control (PIN codes)	●			●	●	●	●	●
Adjustable control console	●			●	●	●	●	●
Automatic 0-tilt				○	○	○	○	○
Camera/monitor system	●			○	○	○	○	○
Creep speed function	●			●	●	●	●	●
Drive motor temperature warning	●			●	●	●	●	●
E-bar	●			●	●	●	●	●
Electronic controller temperature warning	●			●	●	●	●	●
Electronic height indicator				○	○	○	○	○
Emergency cut-off	●			●	●	●	●	●
Height pre-selector				○	○	○	○	○
Lift motor temperature warning	●			●	●	●	●	●
Load information display				○	○	○	○	○
Mini-joystick electronic controls	●			●	●	●	●	●

*standard on RRE180–250

*Optimised Truck Performance

● standard ○ option

Controls and instruments

Multifunction control				○	○	○	○	○
Car pedal layout	●			●	●	●	●	●
Power/Electronic steering	●			●	●	●	●	●
Smart Access (electronic card/fob)				○	○	○	○	○
Split control panel	●			●	●	●	●	●
Steering direction indicator	●			●	●	●	●	●
Weight indicator				○	○	○	○	○
Fork position laser				○	○	○	○	○

Operator features

Adjustable seat	●			●	●	●	●	●
Adjustable seat with safety belt				○	○	○	○	○
Adjustable steering wheel	●			●	●	●	●	●
Armrest				○	○	○	○	○
Manually adjustable floor	●			●	●	●	●	●
Electrically adjustable floor				○	○	○	○	○
Driver detection system	●			●	●	●	●	●
Driver-adapted programmable performance	●			●	●	●	●	●
Heated seat				○	○	○	○	○
Low step-in	●			●	●	●	●	●
Storage compartments	●			●	●	●	●	●
Tilting cab	●			●	●	●	●	●
Writing table				○	○	○	○	○

Maintenance features

Easy access for maintenance	●			●	●	●	●	●
Fault diagnosis facility	●			●	●	●	●	●
Historic fault log	●			●	●	●	●	●

Battery management features

Battery change facility				○	○	○	○	○
Battery discharge prevention system	●			●	●	●	●	●
Battery status indicator	●			●	●	●	●	●
Sideways battery change				○	○	○	○	○

Special applications

Coldstore version				○	○	○	○	○
Drive-in rack version				○	○	○	○	○
EEx version (ATEX)	●			○	○	○	○	○

Class-leading performance at height

The BT Reflex E-series trucks offer the highest residual capacities in class 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 the 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.

World's only tilting cab

The unique E-series with tilting 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.

Totalview Concept

The clean mast and fork carriage design in combination with the optional 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 without damage.

Unique operator experience

The truck is fully adjustable to the driver: seat, floor, controls and steering console can all be adapted to suit any driver. 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 can offer 30% less energy consumption during charging, exceptional battery life and the option for fast charging at any time eliminating the need for battery change in multi-shift applications.



TOYOTA BT REFLEX N-SERIES

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.

SPECIFICATIONS

Load capacity: 1.2, 1.4, 1.6t @ 600 mm load centre

Maximum lift height: 8.5 m

Maximum travel speed: 11 km/h

Maximum battery capacity: 600 Ah

Options available: I_Site LI-ION ❄️ ⚡️





The rear pillar window aids visibility and helps the driver to stay within the truck cab, for extra safety



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

● standard ○ option

Truck features

	Safety	Durability	Productivity	Driveability	BT Reflex RRE120M	BT Reflex RRE140M	BT Reflex RRE160M
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 sideshift	●		○	○	○		
Load support			○	○	○		
Sideshift	●		○	○	○		
Tilting forks	●		●	●	●		
Tilting mast	●		●	●	●		
Warning light	●		○	○	○		
Working lights	●		○	○	○		

Controls and instruments

360° progressive steering	●	●	●	●	●	●	●
Access control (PIN codes)	●		●	●	●	●	●
Adjustable BT control console			●	●	●	●	●
Automatic deceleration	●		●	●	●	●	●
Creep speed function	●		●	●	●	●	●
Drive motor temperature warning	●	●	●	●	●	●	●
Electronic controller temperature warning	●	●	●	●	●	●	●
Electronic fingertip controls	●		●	●	●	●	●
Electronic height indicator			○	○	○		
Emergency cut-off	●		●	●	●	●	●
Height pre-selector	○		○	○	○		
Hour meter	●		●	●	●	●	●
Lift motor temperature warning	●	●	●	●	●	●	●
Load information display	○		○	○	○		
Mini-joystick electronic controls	●		●	●	●	●	●
Multifunction control	○		○	○	○		
Car pedal layout	●		●	●	●	●	●
Power/Electronic steering	●		●	●	●	●	●
Smart Access (electronic card/fob)	○		○	○	○		
Steering direction indicator	●		●	●	●	●	●

● standard ○ option

Operator features

	Safety	Durability	Productivity	Driveability	BT Reflex RRE120M	BT Reflex RRE140M	BT Reflex RRE160M
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 management features

Battery change facility			○	○	○		
Battery discharge prevention system	●	●	●	●	●	●	●
Battery status indicator	●	●	●	●	●	●	●
Sideways battery change			○	○	○		

Special applications

Coldstore version		●		○	○	○	
Drive-in rack version				○	○	○	
EEx version (ATEX compliant)	●			○	○	○	

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.



TOYOTA BT REFLEX O-SERIES

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.


SPECIFICATIONS

Load capacity: 1.6t @ 600 mm load centre

Maximum lift height: 7.5 m

Maximum travel speed: 11 km/h

Maximum battery capacity: 620 Ah

Options available: **I_Site** 





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 adjustable mini-joystick console allows for accurate fingertip control

● standard ◦ option

Truck features

	Safety	Durability	Productivity	Driveability	BT Reflex RRE160HR
Adjustable fork width				●	●
Automatic deceleration	●			●	●
Automatic parking brake				●	●
Clear-view mast				●	●
Clear-view overhead guard				●	●
Transparent overhead guard				◦	◦
Electronic braking system	●			●	●
Electronic regenerative brakes (motor)				●	●
Electronic speed control				●	●
Electronic support arm brakes*				◦	◦
Load support				◦	◦
Optimised Cornering Control (OTP)				●	●
Optimised Reach Control (OTP)				●	●
Optimised Speed Control <small>when mast reached out (OTP)</small>				●	●
Integrated sideshift				◦	◦
Tilting forks				●	●
Working lights				◦	◦
Blue or red led warning light				◦	◦

Controls and instruments

180° progressive steering	●			◦	◦
360° progressive steering				●	●
Access control (PIN codes)				●	●
Adjustable control console				●	●
Automatic 0-tilt				◦	◦
Camera/monitor system	●			◦	◦
Creep speed function				●	●
Drive motor temperature warning	●	●		●	●
E-bar				●	●
Electronic controller temperature warning	●	●		●	●
Electronic height indicator				◦	◦
Emergency cut-off	●			●	●
Height pre-selector				◦	◦
Lift motor temperature warning	●	●		●	●
Load information display				◦	◦
Mini-joystick electronic controls				●	●
Car pedal layout				●	●
Power/Electronic steering	●			●	●
Smart Access (electronic card/fob)				◦	◦
Split control panel				●	●
Steering direction indicator				●	●
Weight indicator				◦	◦
Fork position laser				◦	◦

*standard on RRE180-250

● standard ◦ option

Operator features

	Safety	Durability	Productivity	Driveability	BT Reflex RRE160HR
Adjustable seat	●			●	●
Adjustable seat with safety belt				◦	◦
Adjustable steering wheel				●	●
Armrest				◦	◦
Manually adjustable floor				●	●
Electrically adjustable floor				◦	◦
Driver detection system				●	●
Driver-adapted programmable performance				●	●
Heated seat				◦	◦
Low step-in	●			●	●
Storage compartments				●	●
Writing table				◦	◦

Maintenance features

Easy access for maintenance		●	●	●	●
Fault diagnosis facility			●	●	●
Historic fault log		●			●

Battery management features

Battery change facility			●		◦
Battery discharge prevention system		●	●		●
Battery status indicator		●	●		●
Sideways battery change			●		◦

Special applications

EEx version (ATEX compliant)	●				◦
Weather protection solutions			●	●	◦

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 clean mast and fork carriage design in combination with the optional 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.

All-weather protection

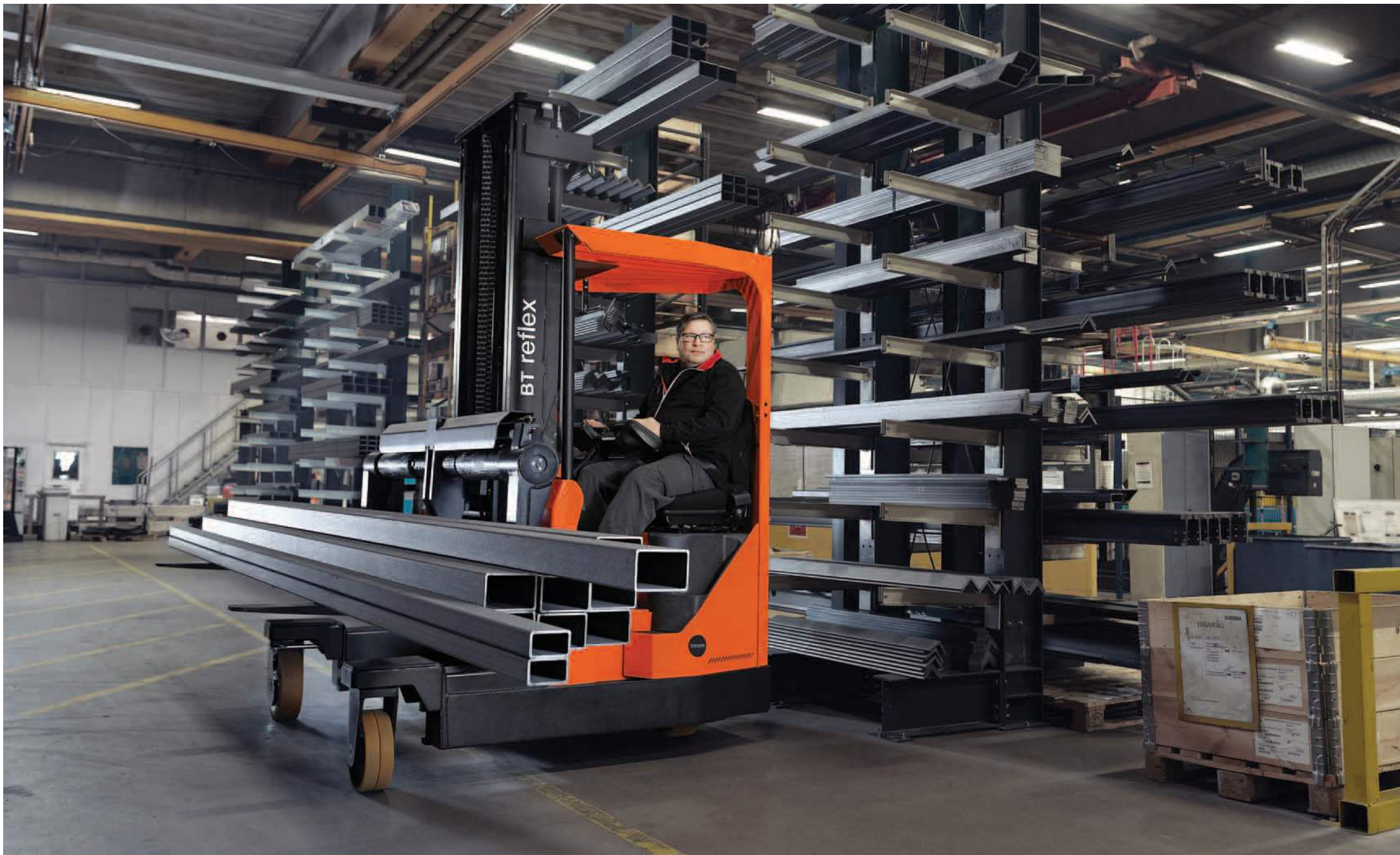
A choice of weather protection options ensures that the BT Reflex O-series can operate in all conditions: overhead and mast-direction windows; additional side windows; and a fully enclosed cab with door and fan heater/ventilation.

Unique operator experience

The truck is fully adjustable to the operator: 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.

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.



TOYOTA BT REFLEX F-SERIES

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.

SPECIFICATIONS

Load capacity: 2.7 t @ 600 mm load centre

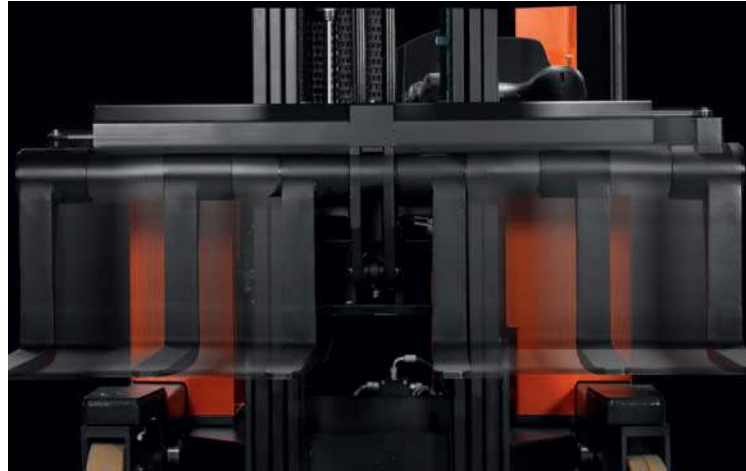
Maximum lift height: 8 m

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

● standard ○ option

Safety
Durability
Productivity
Driveability
BT Reflex FRE270

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	●			●
Fork spreader				●
Four-wheel design	●			●
Integrated sideshift				○
Tilting forks				●
Warning light				○
Working lights	●			○

Controls and instruments

360° progressive steering	●			●
Adjustable BT control console				●
Automatic deceleration	●			●
Drive motor temperature warning	●	●		●
Electronic controller temperature warning	●			●
Electronic fingertip controls	●			●
Electronic height indicator				○
Emergency cut-off	●			●
Height pre-selector	●			○
Hour meter				●
Lift motor temperature warning	●	●		●
Load information display	●			○
Mini-joystick electronic controls				●
Multifunction control				○
Car pedal layout	●			●
Power/Electronic steering	●			●
Steering direction indicator	●			●
Twin direction controls	●			●
Weight indicator	●			●

● standard ○ option

Safety
Durability
Productivity
Driveability
BT Reflex FRE270

Operator features

Adjustable pedals				●
Adjustable seat with safety belt				●
Adjustable steering wheel				●
Driver detection system				●
Driver facing forks				●
Driver-adapted programmable performance	●			●
Heated seat				○
Low step-in	●			●
Storage compartments				●
Writing table				○

Maintenance features

Easy access for maintenance		●		●
Fault diagnosis facility			●	●
Historic fault log				●

Battery management features

Battery change facility				○
Battery discharge prevention system		●		●
Battery status indicator			●	●
Sideways battery change			●	●

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 gives a clear view to the load to ensure safe and accurate handling.

TPS-based reliability

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