

Toyota Order Picker Trucks

The BT Optio Range



BT Optio N-series

LOW-LEVEL ORDER PICKERS



Narrow chassis trucks for light-duty order picking.

1.0 TONNES LOAD CAPACITIES

PICKING HEIGHT UP TO 3.0 M

P. 4-7

BT Optio L-series

LOW-LEVEL ORDER PICKERS



Low-level order pickers are ideal for fast-moving goods operations. Quick and easy to drive – with optional platform lift, elevation of load, and semi-automated operation

1.0 – 2.5 TONNES LOAD CAPACITIES

PICKING HEIGHT UP TO 2.6 M

P. 8-11

BT Optio M-series

MEDIUM-LEVEL ORDER PICKERS



Compact truck for working in confined picking areas.
Guided or free-ranging operation

1.0 TONNE LOAD CAPACITY

PICKING HEIGHT UP TO 6.3 M

P. 12-15

BT Optio H-series

HIGH-LEVEL ORDER PICKERS



Designed for higher level picking in very narrow
aisles, wire or rail-guided operation, as well as
free-ranging outside aisles

1.0 - 1.2 TONNES LOAD CAPACITY

PICKING HEIGHT UP TO 12 M

P. 16-19



TOYOTA BT OPTIO N-SERIES

BT Optio N-series are lightweight and very compact and suitable for use in a range of environments. They feature a very low step-in height and easy load carrier connection. The TSE100W model is designed to dock with a variety of load carriers creating a stable integrated unit ideal for order picking and working in confined areas.

SPECIFICATIONS

Load capacity: 1.0 t

Maximum picking height: 3.0 m

Maximum travel speed: 12 km/h

Maximum battery capacity: 105 Ah

Option available: **I_Site**





Fast and easy battery change



Spinner wheel steering and PIN-code access



LED front light



Easy carrier docking

● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Optio TSE100W
Truck features					
Automatic parking brake	●			●	●
Choice of chassis widths			●		●
Choice of connections and hooks					●
Choice of load carriers					○
Electronic braking system	●	●	●	●	●
Electronic speed control	●		●	●	●
High performance models			●		●
Integrated front bumper		●			●

	Safety	Durability	Productivity	Driveability	BT Optio TSE100W
Controls and instruments					
180°+ steering			●	●	●
Access Control (PIN codes)	●				●
Automatic deceleration			●	●	●
Emergency cut-off	●				●
Hour meter					●
Information display					●
On-board data terminal mount			●	●	○
Travel AC control					●

	Safety	Durability	Productivity	Driveability	BT Optio TSE100W
Operator Features					
Driver detection system	●				●
Driver adapted programmable performance	●			●	●
Choice of standing or sitting			●		
Low step-in height	●				●
Storage compartments			●		●
Vibration-damped platform			●		●
Writing table					○

	Safety	Durability	Productivity	Driveability	BT Optio TSE100W
Maintenance features					
Easy access for maintenance		●	●		●
Fault diagnosis facility		●	●		●

	Safety	Durability	Productivity	Driveability	BT Optio TSE100W
Battery management features					
Battery change facility			●		
Battery discharge prevention system		●	●		●
Battery status indicator		●	●		●

Integrated load carriers

Integrated load carriers dock directly into the truck, creating a very small and manoeuvrable unit, which can accommodate additional facilities such as steps for higher-level picking. Forward and reverse movements are safe and easy, as is the docking process.

Bespoke load carriers

Toyota offers a wide choice of standard load carrier configurations, but is also able to work with customer-developed solutions - or special load carriers can be designed and built to match specific requirements. Special variants include a care equipped truck designed for mobility support in hospitals that helps staff to move patients easily.

Quick battery change

The BT Optio N-series battery can be changed in under a minute thanks to the convenient battery drawer.

TPS-based reliability

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



TOYOTA BT OPTIO L-SERIES

The BT Optio L-series trucks ensure productivity by being powerful, efficient, adaptable, and easy-to-use. A wide range of model configurations means exactly the right specification can be chosen to suit the demands of your operation, picking at first and second levels, and increasing the effectiveness of the man-machine unit and overall efficiency.

SPECIFICATIONS

Load capacity: 1.0, 1.2, 1.8, 2.0, 2.5 t @ 600 mm load centre

Maximum picking height: 2.8 m

Maximum travel speed: 12 km/h

Maximum battery capacity: 620 Ah

Options available: | I_Site *LI-ION*  





Low step-in height makes repeatedly getting in and out easier



Optional powered E-bar allows easy mounting of ancillary equipment



Shrinkwrap and tools can be stored within easy reach



Several models feature platform lift for picking at the second level

● standard ○ option

Truck features

	Safety	Durability	Productivity	Driveability	BT Optio OSE250	BT Optio OSE250P	BT Optio OSE100	BT Optio OSE100W	BT Optio OSE120	BT Optio OSE120P	BT Optio OSE120CB	BT Optio OSE200X	BT Optio OSE180XP
Adjustable fork width			●				○				○		
Automatic height adjustment	●			●					○	○		○	○
Automatic parking brake	●		●		●	●	●	●	●	●	●	●	●
Bogie fork wheels			●		●	●		●	●		●	●	
BT Powerdrive		●			●	●	●	●	●	●	●	●	●
Choice of cab widths						●	●						
Clear-view mast	●									●			
Clear-view overhead guard	●						○	○			○		
Climber wheels					○	○							
Electronic braking system	●	●			●	●	●	●	●	●	●	●	●
Electronic regenerative brakes (motor)	●				●	●	●	●	●	●	●	●	●
Electronic speed control	●				●	●	●	●	●	●	●	●	●
Elevating platform	●				●	●	●		●			●	
High performance models					●	●	●	●	●	●	●	●	●
High-capacity battery models					○	○	○	○	○	○	○	○	○
Load support					○	○		○	○	○	○	○	○
Protective bumpers					○	○		○	○	○	○	○	○
Warning beacon	●						○	○					

Controls and instruments

200°+ steering			●	●	●	●	●	●	●	●	●	●	●
Access Control (PIN codes)	●				●	●	●	●	●	●	●	●	●
Adjustable E-man control console			○	○				○	○	○	○	○	○
Automatic deceleration	●				●	●	●	●	●	●	●	●	●
Emergency cut-off	●				●	●	●	●	●	●	●	●	●
Exterior lift/lower buttons											○		
Exterior lift/lower/forward buttons							○	○	○	○	○	○	○
Hour meter	●				●	●	●	●	●	●	●	●	●
Power/Electronic steering	●				●	●	●	●	●	●	●	●	●
On-board data terminal mount			○	○	○	○	○	○	○	○	○	○	○

Operator Features

	Safety	Durability	Productivity	Driveability	BT Optio OSE250	BT Optio OSE250P	BT Optio OSE100	BT Optio OSE100W	BT Optio OSE120	BT Optio OSE120P	BT Optio OSE120CB	BT Optio OSE200X	BT Optio OSE180XP
Driver detection system	●				●	●	●	●	●	●	●	●	●
Driver-adapted programmable performance	●				●	●	●	●	●	●	●	●	●
E-bar					○	○			○	○	○	○	○
Elevating picking shelf									○	○			
Folding seat					○					○	○		
Low step-in height	●				●	●	●	●	●	●	●	●	●
Shrinkwrap holder					○	○	○	○	○	○	○	○	○
Step-up kit									○			○	
Storage compartments	●				●	●	●	●	●	●	●	●	●
Writing table					○	○	○	○	○	○	○	○	○

Maintenance features

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

Battery management features

Battery change facility			●		○	○	○	○	○	○	○	○	○
Battery discharge prevention system		●			●	●	●	●	●	●	●	●	●
Battery status indicator			●		●	●	●	●	●	●	●	●	●
Heavy-duty battery compartments					○	○	○	○	○	○	○	○	○
Lithium-ion batteries					○								
Sideways battery change					○	○	○	○	○	○	○	○	○

Special applications

Coldstore version		●			○	○	○	○	○	○	○	○	○
EEx version (ATEX compliant)	●				○	○	○	○	○	○	○	○	○
Semi-automatic operation	●				○							○	

Optimised Truck Performance

All BT Optio L-series trucks are equipped with Optimised Truck Performance, or OTP, which lowers the truck's speed automatically during cornering to increase safety.

E-man steering

The E-man steering system allows the operator to move the steering column to either side of the centre position, enabling them to move the truck forwards or backwards while walking alongside the truck. A steering safety feature protects the operator when they drive the truck outside the normal operating position. Raising the platform simultaneously raises the controls, making it possible to operate the truck from the elevated platform, allowing greater productivity.

Semi-automated operation

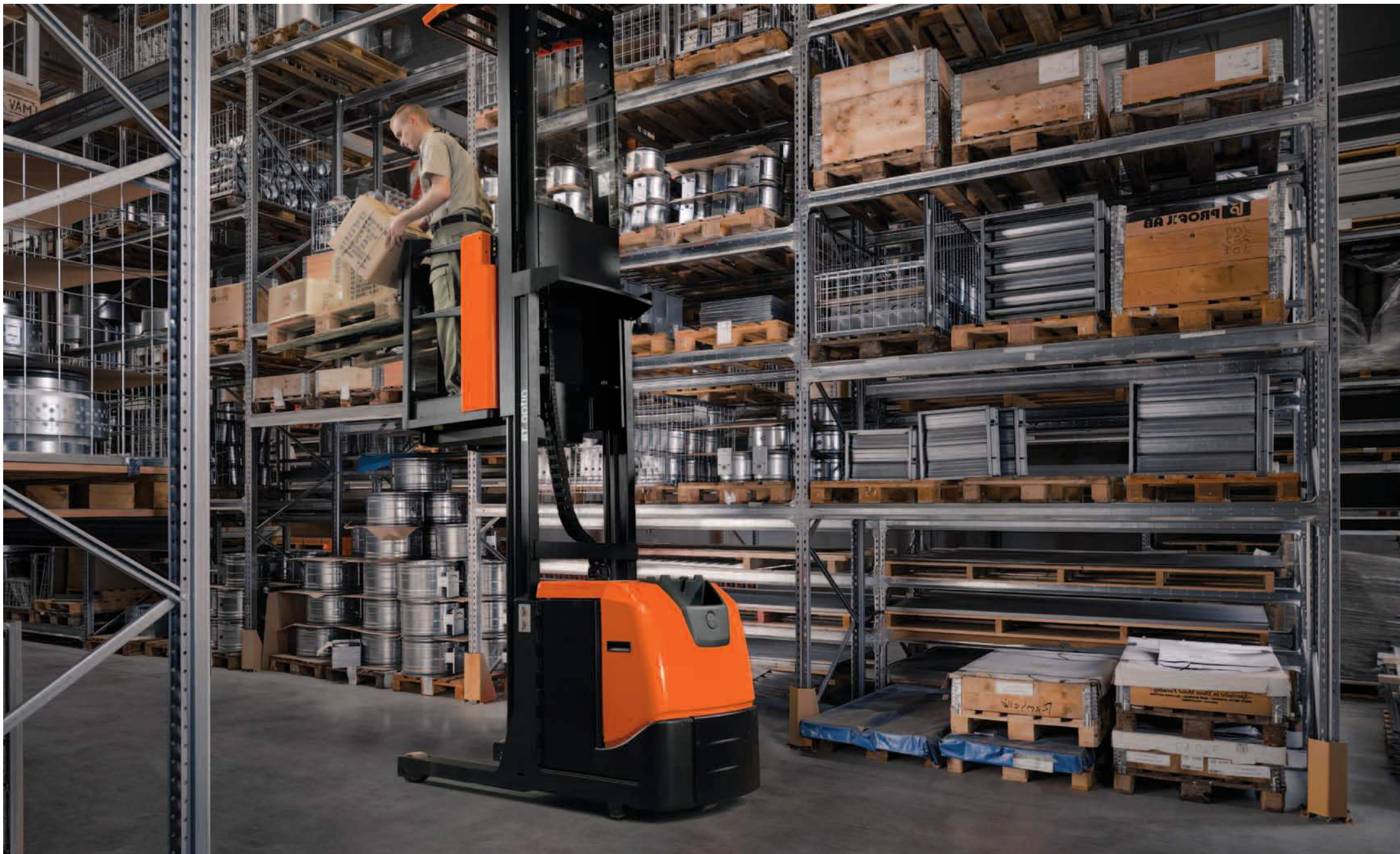
Optional semi-automated operation allows the operator to advance the truck using a simple remote control unit. Sensors ensure safety when driving automatically, including the ability to navigate around obstructions, and change side in aisles, as the steering follows the contour of the racking system. This allows the operator to concentrate on picking goods, rather than driving the truck, substantially increasing productivity.

Cushioned platform

For improved operator comfort an extra vibrationdamped platform can be specified to add extra protection from vibrations due to uneven surfaces.

TPS-based reliability

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



TOYOTA BT OPTIO M-SERIES

The BT Optio M-series offers picking heights up to 6.3 metres and is suited to a wide variety of distribution applications including food, household appliances, parts, and pharmaceuticals. Two chassis widths are available: 810 mm (OME100N & OME100NW) or 970 mm (OME100, OME100W, OME100M, OME100MW), and two mast types: simplex & duplex, depending on lift height.

SPECIFICATIONS

Load capacity: 1.0 t @ 600 mm load centre

Maximum picking height: 6.3 m

Maximum travel speed: 12 km/h

Maximum battery capacity: 620 Ah

Options available: I_Site  





Safety provided by overhead guard



Walk-through versions for large loads



Overhead guard with integral LED working lights



Narrow chassis on N models

● standard ° option

	Safety	Durability	Productivity	Driveability	BT Optio OME100N	BT Optio OME100NW	BT Optio OME100	BT Optio OME100W	BT Optio OME100M	BT Optio OME100MW
Truck features										
Adjustable fork width					●	●	●	●	●	●
Automatic parking brake	●				●	●	●	●	●	●
BT Powerdrive		●			●	●				
Choice of cab widths					●	●	●	●	●	●
BT Optipace System	●						●	●	●	●
Clear-view mast									●	●
Clear-view overhead guard	●				°	°			●	●
Electronic braking system		●			●	●	●	●	●	●
Electronic regenerative brakes (motor)					●	●				
Electronic speed control					●	●				
Elevating platform					●	●	●	●	●	●
High-capacity battery models					°	°	●	●	●	●
High performance models					●	●	●	●	●	●
Load support								●	●	
Warning beacon							●	●	●	●
Wire/rail guidance							●	●	●	●
Working lights	●								°	°
Controls and instruments										
180°+ steering					●	●	●	●	●	●
200°+ steering					●	●				
Access Control (PIN codes)	●				●	●				
Adjustable BT Control console							●	●	●	●
Automatic deceleration	●				●	●	●	●	●	●
Driver-adapted programmable performance					●	●	●	●	●	●
E-bar					°	°			°	°
Electronic height indicator							●	●	●	●
Emergency cut-off	●				●	●	●	●	●	●
Exterior lift/lower/forward buttons					°	°				
Hour meter					●	●	●	●	●	●
Power/Electronic steering	●				●	●	●	●	●	●
Programmable gate security							●	●	●	●
Steering direction indicator							●	●	●	●
Switchable BT Control console					●	●				

	Safety	Durability	Productivity	Driveability	BT Optio OME100N	BT Optio OME100NW	BT Optio OME100	BT Optio OME100W	BT Optio OME100M	BT Optio OME100MW
Operator Features										
Adjustable backrest									●	●
Driver detection system	●				●	●	●	●	●	●
Folding sideguards					°	°	°	°	●	●
Low step-in height	●				●	●	●	●	●	●
On-board data terminal mount					°	°			°	°
Shrinkwrap holder					°	°				
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					●	●	●	●	●	●
Heavy-duty battery compartments					°	°	●	●	●	●
Sideways battery change					°	°	●	●	●	●
Special applications										
Coldstore version		●			°	°	°	°	°	°
EEx version (ATEX compliant)	●				°	°	°	°	°	°

BT Optipace

BT Optio M-series trucks can be used 'free-ranging' or guided*. In guided applications the BT Optipace system ensures the maximum possible drive speed can be obtained at all heights without compromising safety.

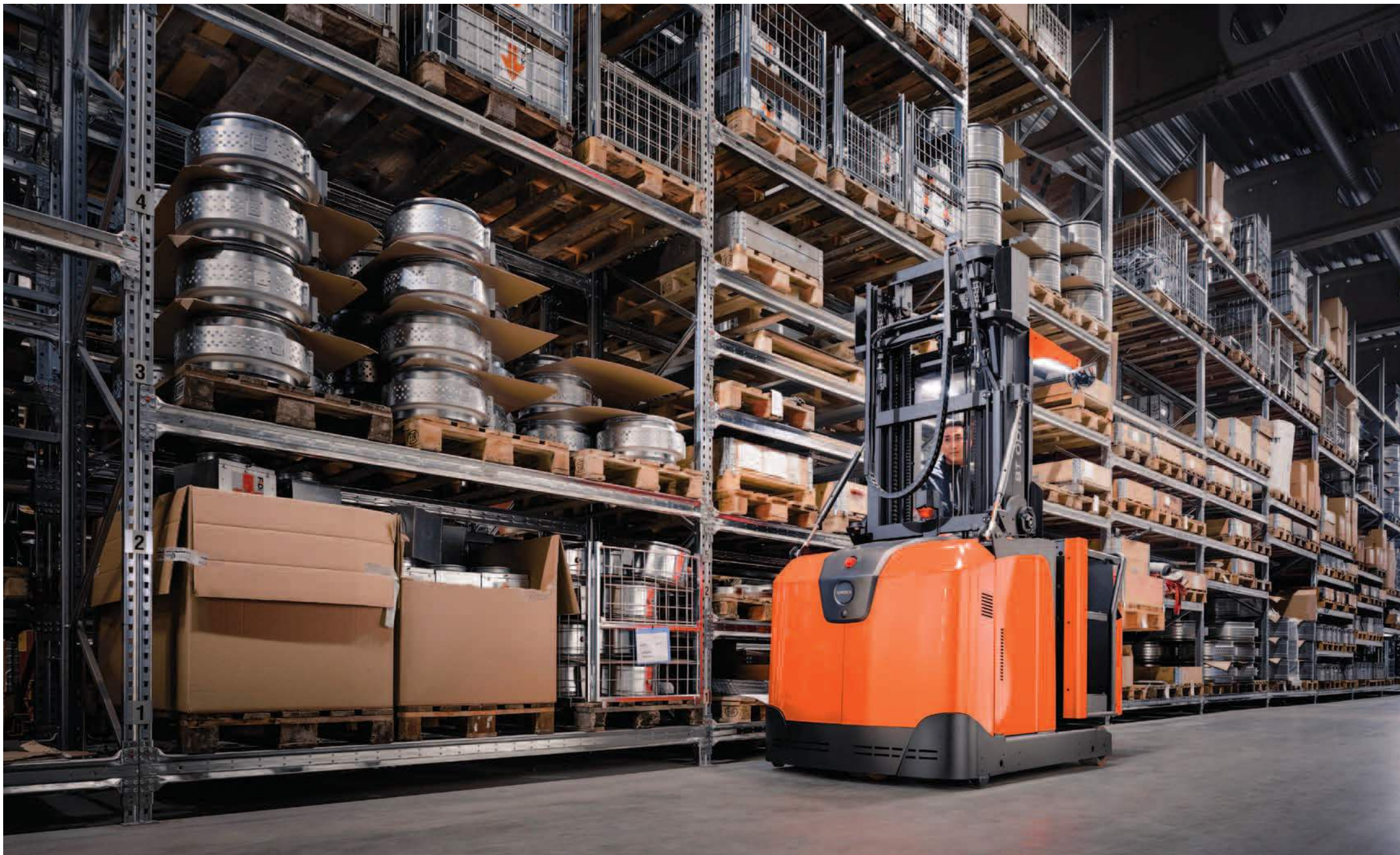
* Models OME100N and OME100NW only free ranging

Choice of control positions

BT Optio M-series models with initial lift have controls that can be set to face in either the fork direction or mast direction, depending on the needs of the job.

TPS-based reliability

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



TOYOTA BT OPTIO H-SERIES

The BT Optio H-series sets a new standard in high-level order picking. It offers the highest-level picking in its class, despite its compact design, and allows maximum operational flexibility.

SPECIFICATIONS

Load capacity: 1.0, 1.2 t @ 600 mm load centre

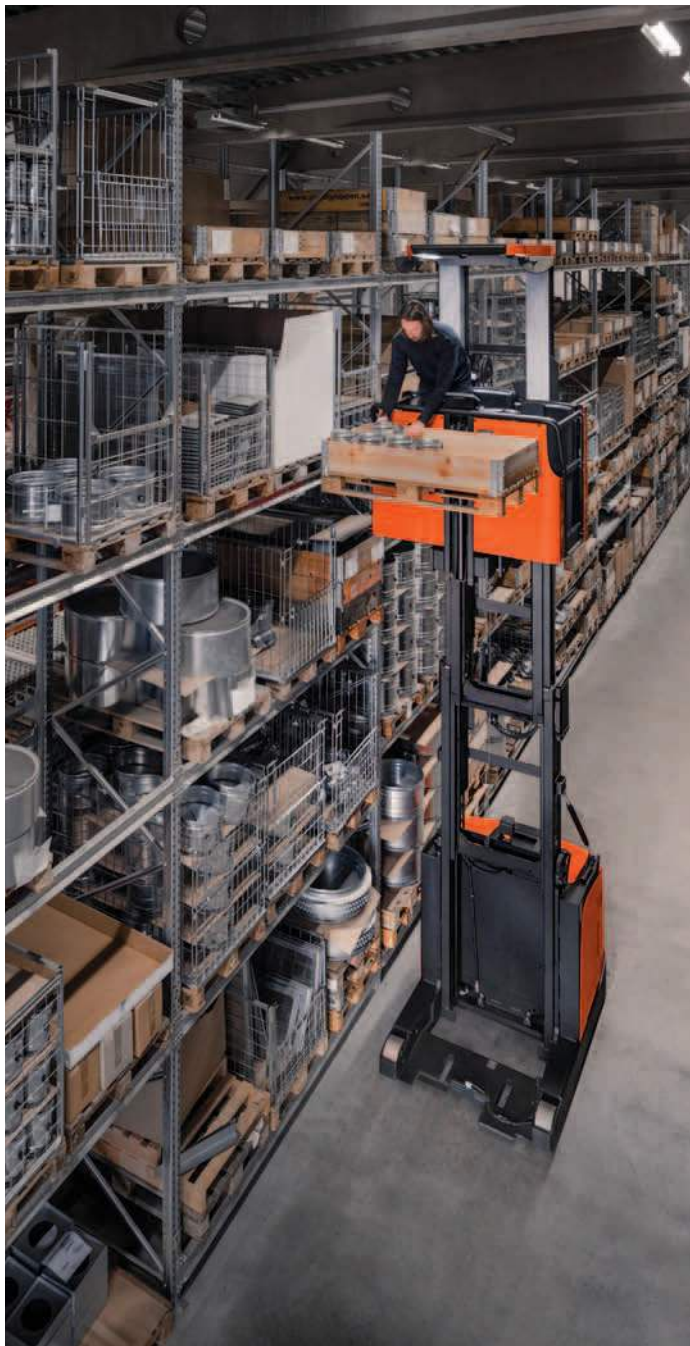
Maximum picking height: 12 m

Maximum travel speed: 12 km/h

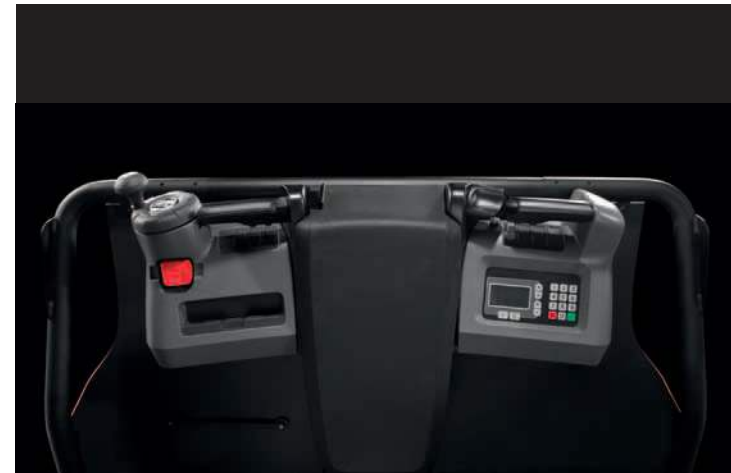
Maximum battery capacity: 620 Ah

Options available: I_Site  





Spacious cabin



Ergonomic split controls are comfortable and improve access to the forks for picking



BT Access Control prevents unauthorised use and makes it possible to preset each driver's personal parameters upon start-up



Overhead guard with integral LED working lights

● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Optio OME100H	BT Optio OME120HW
Truck features						
Adjustable fork width					●	
Automatic parking brake	●				●	●
BT Optipace System	●				●	●
Choice of cab widths					●	●
Choice of chassis widths					●	●
Clear-view mast	●				●	●
Clear-view overhead guard	●				●	●
Electronic braking system	●	●			●	●
Electronic regenerative brakes (motor)					●	●
Elevating platform	●				●	●
High performance models					●	●
High-capacity battery models					●	●
Load support	●				●	
Warning beacon	●				●	●
Wire/rail guidance	●				●	○
Working lights	●				○	○
Controls and instruments						
180°+ steering					●	●
Access Control (PIN codes)	●				●	●
Adjustable BT Control console					●	●
Automatic deceleration	●				●	●
Driver detection system	●				●	●
Driver-adapted programmable performance	●				●	●
E-bar					○	○
Electronic height indicator					●	●
Emergency cut-off	●				●	●
Hour meter					●	●
Power/Electronic steering	●				●	●
Programmable gate security	●				●	●
On-board data terminal mount					○	○
Steering direction indicator	●				●	●
Twin direction controls					○	

	Safety	Durability	Productivity	Driveability	BT Optio OME100H	BT Optio OME120HW
Operator Features						
Adjustable backrest	●				●	
Adjustable seat					○	
Folding seat					○	
Folding sideguards	●				●	●
Low step-in height	●				●	●
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					●	●
Heavy-duty battery compartment					●	●
Sideways battery change					●	●
Special applications						
Coldstore version					○	○
EEx version (ATEX compliant)	●				○	○

BT Optipace

BT Optio H-series can be used 'free-ranging' or guided*. In guided applications the BT Optipace system ensures the maximum possible drive speed can be obtained at all heights without compromising safety.

Choice of control positions

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