

Toyota Order Picker Trucks

The Toyota Optio Range



Toyota Optio N-series

LOW LEVEL ORDER PICKERS



Narrow chassis trucks for
light-duty order picking

1.0 TONNE LOAD CAPACITIES
PICKING HEIGHTS UP TO 2.5 M

P. 2-5

Toyota 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 elevating
platform, scissors forks, and semi-automated operation

1.0 – 2.5 TONNES LOAD CAPACITIES
PICKING HEIGHTS UP TO 2.8 M

P. 6-9

Toyota Optio M-series

MEDIUM-LEVEL ORDER PICKERS



Compact truck for working in confined picking areas.
Free-ranging operation

1.0 TONNE LOAD CAPACITY
PICKING HEIGHT UP TO 3.4 M

P. 10-13

Toyota 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 CAPACITIES
PICKING HEIGHT UP TO 12.1 M

P. 14-17



TOYOTA OPTIO N-SERIES

The Toyota Optio N-series trucks are lightweight, compact low level order pickers with a narrow chassis. Designed to dock with a variety of trolleys, they are suitable for a wide range of applications. The low step-in height, easy trolley connection and simple battery exchange make these trucks very user friendly. With several trolleys in a train, order picking becomes very efficient.

SPECIFICATIONS

Load capacity: 1.0 t

Maximum picking height: 2.5 m

Maximum travel speed: 12 km/h

Maximum battery capacity: 105 Ah

Options available: **LI-ION**





Quick and easy battery change reduce downtime and keep operations running smoothly.



Steering control with knob offers precise control, while PIN-code access enhances safety.



LED front light raises the awareness of the truck in busy environments and enhance safety in the warehouse.



Effortless carrier docking speeds up load handling and minimises operator strain.

● standard ○ option

Safety	Durability	Productivity	Driveability	Optio TSE100W
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Truck features

Automatic parking brake	●			○
Choice of chassis widths				○
Choice of connections and hooks				○
Choice of load carriers				○
Electronic braking system	●	●		○
Electronic speed control	●			○
Integrated front bumper		●		○

Controls and instruments

180°+ steering			●	●
Access Control (PIN codes)	●			●
Automatic deceleration				○
Emergency cut-off	●			○
Hour meter				○
Information display				●
On-board data terminal mount				○

● standard ○ option

Safety	Durability	Productivity	Driveability	Optio TSE100W
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Operator features

Driver detection system				○
Driver adapted programmable performance	●			○
Low step-in				○
Storage compartments			●	○
Vibration-damped platform				○
Writing table			●	○

Maintenance features

Easy access for maintenance		●	●	●
Fault diagnosis facility			●	●

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

Li-ion batteries

High uptime with Toyota lithium-ion solution. Quick, easy and safe opportunity charging ensuring cost savings and CO2 emissions reduction. This range is available with energy-efficient Lithium-ion battery technology.



TOYOTA OPTIO

L-SERIES

The low level order picker OSE L-series from Toyota are ideal for fast-moving goods in warehouse operations. This new generation of truck offers a powerful blend of efficiency, safety and operator comfort. Whether it's for picking at first and second levels, they have been designed with ergonomics in mind. Engineered for low energy consumption, operational costs are minimised while delivering maximum power. Safety has been enhanced with various intelligent features keeping operator safe at all times.

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

Smart truck equipped with telematics hardware: 

Options available: I.Site  t.mote  





Low step-in eases repeated entry and exit, reducing injury and fatigue, while built-in kneepads add comfort for drivers.



Optional integrated daytime running lights and blue/red warning lights enhance safety in the warehouse.



Optional walkie buttons let operators move the truck forward and lift/lower the forks while walking beside it.



The platform lift model with a lift of 1200 mm and hands-free lowering lets operators reach up to 2.8 m, ideal for first and second level picking.

● standard ○ option

Truck features

	Safety	Durability	Productivity	Driveability	Optio OSE250	Optio OSE250P	Optio OSE100	Optio OSE100W	Optio OSE120	Optio OSE120P	Optio OSE120CB	Optio OSE200X	Optio OSE180XP
Adjustable fork width			●			●				●			
Automatic height adjustment	●			●					○		○		
Automatic parking brake	●		●	●	●	●	●	●	●	●	●	●	●
Bogie fork wheels			●	●	●	●	●	●	●	●	●	●	●
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	●				○	○		○	○	○	○	○	○
Weight indicator								○					
Protective bumpers	●				○	○		○	○	○	○	○	○
Knee pads			●	●	●	●	●	●	●	●	●	●	●
Warning Beacon	●							○					
Integrated blue/red warning lights	●				○	○		○	○	○	○	○	○
Integrated daytime running lights	●				○	○		○	○	○	○	○	○
Emergency switch	●				●	●	●	●	●	●	●	●	●

Controls and instruments

200°+ steering			●	●	●	●	●	●	●	●	●	●	●
Access Control (PIN codes)	●				●	●	●	●	●	●	●	●	●
Access Control (Smart Access)	○				○	○	○	○	○	○	○	○	○
Exterior lift/lower/forward buttons			○	○	○	○	○	○	○	○	○	○	○
Hour meter	●		●	●	●	●	●	●	●	●	●	●	●
Power/Electronic steering	●		●	●	●	●	●	●	●	●	●	●	●
I_Site	○				○	○	○	○	○	○	○	○	○
On-board data terminal mount	○				○	○	○	○	○	○	○	○	○
12V or 24V electrical outlet	○				○	○	○	○	○	○	○	○	○
USB outlet	●		●	●	●	●	●	●	●	●	●	●	●

Operator Features

	Safety	Durability	Productivity	Driveability	Optio OSE250	Optio OSE250P	Optio OSE100	Optio OSE100W	Optio OSE120	Optio OSE120P	Optio OSE120CB	Optio OSE200X	Optio OSE180XP
Pre-operational check	●				○	○			○	○	○	○	○
Driver detection system	●				●	●	●	●	●	●	●	●	●
Driver-adapted programmable performance	●		●	●	●	●	●	●	●	●	●	●	●
Vibration damped floor				●					○		○		
E-bar			●	●	○	○	○	○	○	○	○	○	○
Elevating picking table					○				○		○		○
Foldable lean support				○					○		○		○
Ergonomic backrest			●	●	●	●	●	●	●	●	●	●	●
Low step-in	●			●	●	●	●	●	●	●	●	●	●
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		●	●	●	●	●	●	●	●	●	●	●	●
Lithium-ion batteries			○	○	○	○	○	○	○	○	○	○	○
Sideways battery change			○	○	○	○	○	○	○	○	○	○	○

Special applications

Coldstore version		●			○	○	○	○	○	○	○	○	○
EEx version (ATEX)					○	○	○	○	○	○	○	○	○
Semi-automatic operation, t-mote	●	●	●	●	○	○	○	○	○	○	○	○	○

Toyota design

Our new generation offers a powerful blend of efficiency, safety and operator comfort. The sleek design is paired with a durable, low weight chassis, ideal for efficient warehouse operations.

Re-engineered ergonomics

The large operator space with features such as wide entry, low step-in, soft knee pads, low-vibration platform, comfortable backrest with handles, supports the pickers during their daily operations to reduce strain.

Outstanding productivity

Toyota low level order picker features such as walkie buttons, platform lift option for picking up to 2.8m, Li-ion batteries for opportunity charging boost efficiency while minimising downtime.

Enhanced safety

Integrated daytime running lights, a blue/red LED warning light, speed reduction when cornering, low ground clearance, Access safety (PIN code and Smart Access) and other Toyota Optio features contribute to optimal safety in the workplace.

Smart connected trucks

The Optio L-series is a smart truck that can be connected with I_Site fleet management system from Toyota. It helps to be in control of your operation, to measure and improve productivity, safety and efficiency.



TOYOTA OPTIO M-SERIES

The Optio M – series offers picking up to 3.4 metres and is suited to a wide variety of distribution applications including food, household appliances, parts, and pharmaceuticals. Two narrow models from the H-series (OME100H and OME120HW) are also suitable for a range of applications in this series.


SPECIFICATIONS



Load capacity: 1.0 t @ 600 mm load centre

Maximum picking height: 3.4 m

Maximum travel speed: 12 km/h

Maximum battery capacity: 465 Ah

Smart truck equipped with telematics hardware: 

Options available: I.Site  





Overhead guard provides added safety by shielding the operator from falling objects in high-rack environments.



Walk-through models make handling bulky or oversized loads easier.



Integrated LED lights in the overhead guard enhance comfort and safety during operations.



Narrow chassis on N/NW & H/HW models improve manoeuvrability in tight aisles, ideal for space-constrained warehouse layouts.

● standard ◦ option

Truck features

	Safety	Durability	Productivity	Driveability	Optio OME100N	Optio OME100NW
Adjustable fork width					●	
Automatic parking brake	●				●	●
Powerdrive		●			●	●
Choice of cab widths					●	●
Clear-view mast					●	●
Clear-view overhead guard	●				●	●
Electronic braking system		●			●	●
Electronic regenerative energy @ braking	●				●	●
Electronic speed control					●	●
Elevating platform	●				●	●
High-capacity battery models					◦	◦
High performance models					●	●
Load support					●	●
Working lights	●				●	●

Controls and instruments

	Safety	Durability	Productivity	Driveability	Optio OME100N	Optio OME100NW
200°+ steering					●	●
Access Control (PIN codes)	●				●	●
Height adjustable control console					●	●
Driver-adapted programmable performance	●				●	●
E-bar for fitting of peripheral equipment					◦	◦
Emergency cut-off	●				●	●
Hour meter					●	●
Electronic power steering	●				●	●

Operator Features

	Safety	Durability	Productivity	Driveability	Optio OME100N	Optio OME100NW
Driver detection system	●				●	●
Folding sideguards					●	●
Low step-in height	●				●	●
On-board data terminal mount					◦	◦
Shrinkwrap holder					◦	◦
Storage compartments					●	●
Writing table					◦	◦

Maintenance features

	Safety	Durability	Productivity	Driveability	Optio OME100N	Optio OME100NW
Easy access for maintenance		●	●		●	●
Fault diagnosis facility					●	●
Historic fault log		●			●	●

Battery management features

	Safety	Durability	Productivity	Driveability	Optio OME100N	Optio OME100NW
Battery change facility				●	●	●
Battery discharge prevention system		●			●	●
Battery status indicator		●			●	●
Sideways battery change				●	◦	◦

Special applications

	Safety	Durability	Productivity	Driveability	Optio OME100N	Optio OME100NW
Coldstore version		●			◦	◦
EEx version (ATEX)	●				◦	◦

Intuitive operator controls

User friendly, convenient controls for accelerating/braking, lifting/lowering of cabin & forks, and steering. Intuitive and easy controls ensuring smooth interaction between truck and driver.

Narrow chassis

Selection of narrow chassis models. Optio M-series (OME100N and OME100NW) are perfect for free ranging operations up to a 3.4 m picking height. The Optio H-series (OME100H and OME100HW), narrow models, also fits in free ranging or guided operations, reaching a picking height of up to 7.7 m.

Free-ranging

Optio M-series trucks can be used 'free-ranging' only.

TPS-based reliability

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

Smart connected trucks

The Optio M-series is a smart truck that can be connected with I_ Site fleet management system from Toyota. It helps to be in control of your operation, to measure and improve productivity, safety and efficiency.



TOYOTA OPTIO H-SERIES

The Optio H-series accommodates picking up to 12.1 m and is suited for a wide range of applications. The range is built around the operator with an excellent man-machine interface, offering great stability at higher heights. They come in two chassis widths (1050 or 1250 mm) and with either Duplex or Triplex telescopic masts.

SPECIFICATIONS



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

Maximum picking height: 12.1 m

Maximum travel speed: 12 km/h

Maximum battery capacity: 620 Ah

Smart truck equipped with telematics hardware: 

Options available: I.Site  





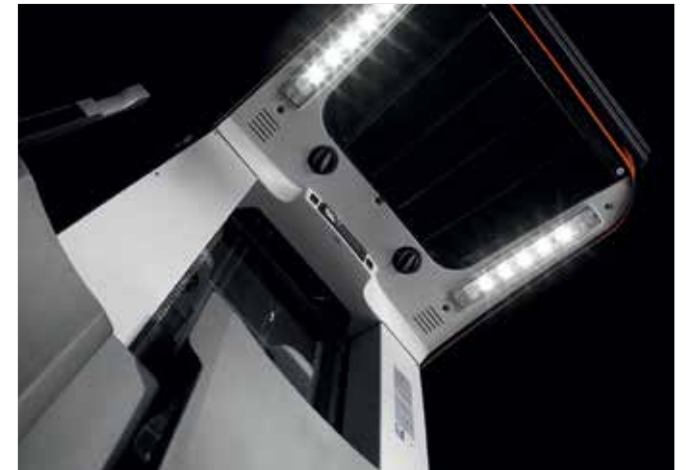
Spacious cabin improves operator comfort and productivity.



Ergonomic split controls are comfortable and allow optimum access to the pallet for picking.



Access Control prevents unauthorised use and preset each driver's personal parameters upon start-up.



Overhead guard with integrated LED cabin lights improves visibility and safety during operations.

● standard ○ option

Truck features

	Safety	Durability	Productivity	Driveability	Optio OME 100H	Optio OME 120HW
Adjustable fork width					●	
Automatic parking brake	●				●	●
Optipace System	●				●	●
Choice of cab widths					●	●
Clear-view mast					●	●
Clear-view overhead guard	●				●	●
Electronic braking system	●	●			●	●
Electric regeneration of energy when braking & lowering					●	●
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)	●				●	●
Automatic deceleration					●	●
Driver detection system	●				●	●
Driver-adapted programmable performance	●				○	○
E-bar					○	○
Electronic height indicator					●	●
Emergency cut-off	●				●	●
Height adjustable control consoles					●	●
Hour meter					●	●
Power/Electronic steering	●				●	●
Programmable gate security	●				●	●
On-board data terminal mount					○	○
Steering direction indicator	●				●	●
Dual set of controls					○	

Operator Features

	Safety	Durability	Productivity	Driveability	Optio OME 100H	Optio OME 120HW
Adjustable backrest	●				○	
Adjustable seat	○				○	
Folding seat					○	
Folding sideguards	●	●			●	●
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			●		●	●
Lithium-ion batteries					○	○
Heavy-duty battery compartment			●		●	●
Sideways battery change			●		●	●

Special applications

Coldstore version		●			○	○
EEx version (ATEX)	●				○	○

Optipace

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

Choice of control positions

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

Smart Trucks

Like most Toyota warehouse trucks this range/series has integrated telematics, which means that it is always online, for efficient communication and access to diagnostic data. This enables you to take full control of your operations, managing utilisation, battery maintenance and impacts via the Toyota I_Site app.

Li-ion batteries

High uptime with Toyota lithium-ion solution. Quick, easy and safe opportunity charging ensuring cost savings and CO2 emissions reduction. This range is available with energy-efficient Lithium-ion battery technology.

* Two types of guidance: by wire or by rail.

Toyota Material Handling in Europe

Total coverage

The Toyota Material Handling network extends to over 30 countries in Europe with a big service network, containing more than 6000 service technicians.

Always local – with global support

Wherever you are located in Europe, we are always close by, thanks to our extensive local coverage, but with the stability and backup of a worldwide organisation.

Made in Europe

Over 95% of the trucks we sell, are built in our own European factories – all to TPS quality standards – and over 90% of the trucks sold are electrified. Available across Europe, our products are manufactured in France, Italy, and at one of the EU's first 'carbon-free' factories in Sweden. We employ over 3000 production staff throughout Europe and work with over 300 European suppliers.

