

# Toyota Powered Pallet Trucks

The BT Levio Range



## BT Levio W-series

Pedestrian-operated trucks



Lightweight and compact design for easy use in congested areas or on-board vehicles

1.3 – 2.5 tonnes load capacities

Travel speed up to 6 km/h

P.4-11

## BT Levio P-series

Trucks with driver platform



Compact and manoeuvrable trucks with choice of platforms for high speed travel

2.0 – 2.5 tonnes load capacities

Travel speed up to 12.5 km/h

P.12-15

## BT Levio S-series

Stand-in trucks



Fully enclosed cab and transverse driving position to work in congested areas

2.0 tonnes load capacities

Travel speed up to 10.5 km/h

P.16-17

## BT Levio R-series

Rider-seated trucks



High speed trucks for transportation of multiple loads over long distances

2.0 - 3.0 tonnes load capacity

Travel speed up to 19.9 km/h

P.18-19





# TOYOTA BT LEVIO W-SERIES

The BT Levio LWE130 is a robust but extremely lightweight truck that can carry load so with ease over short to medium distances. Weighing just 255 kg, including battery, the LWE130 is exceptionally compact, allowing easy use in a wide variety of applications. This truck is also ideal in confined spaces such as retail sales area, shops or supermarkets but as well for on-board delivery vehicles. The LWE130's low-maintenance and revolutionary AC motor offers great energy efficiency, as well as durability and strength.

## SPECIFICATIONS

**Load capacity:** 1.3 t @ 600 mm load centre

**Maximum travel speed:** 5.5 km/h

**Maximum battery capacity:** 63 Ah

**Option available:** | Site







The unique Castorlink system protects castor wheels on uneven surfaces



The control panel includes a pull-out power lead for the built-in battery charger



Easy access for efficient servicing



Steering arm rotation

● standard ◦ option

**Truck features**

	Safety	Durability	Productivity	Driveability	BT Levio LWE130
Automatic parking brake					●
Bogie fork wheels					◦
Climber wheels					●
BT Castorlink					●
Shock sensor					◦
Load support					◦
AC drive motors					●

**Controls and instruments**

208° steering					●
Access Control (PIN codes)					●
Click-2-creep					●
Electronic braking system					●
Electronic speed control					●
Electronic fingertip controls					●
Hour meter					●
Tiller arm steering					●
Emergency collision button					●
Emergency cut-off					●
Parking brake					●
Temporary speed reduction (turtle button)					◦

● standard ◦ option

**Operator features**

Storage compartments					●
Driver-adapted programmable performance					●
Extra foot protection					◦

**Maintenance features**

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

**Battery management features**

Battery status indicator					●
Built-in charger					●
In-vehicle charging					◦

**Safe and user-friendly operation**

For optimal driver comfort, the entire range is now user-friendly and intuitive thanks to their quieter operation and programmable driver parameters. To ensure safe and efficient material handling, the LWE130 is designed to be compatible with the fleet management tool I\_Site that monitors for example driver authorisation (PIN code), machine utilization and detects possible impacts of your truck in real time.

**Unique Castorlink system**

Stability is assured with a five-wheel chassis design with linked side castors, protecting the wheels and load ensuring stability on uneven surfaces.

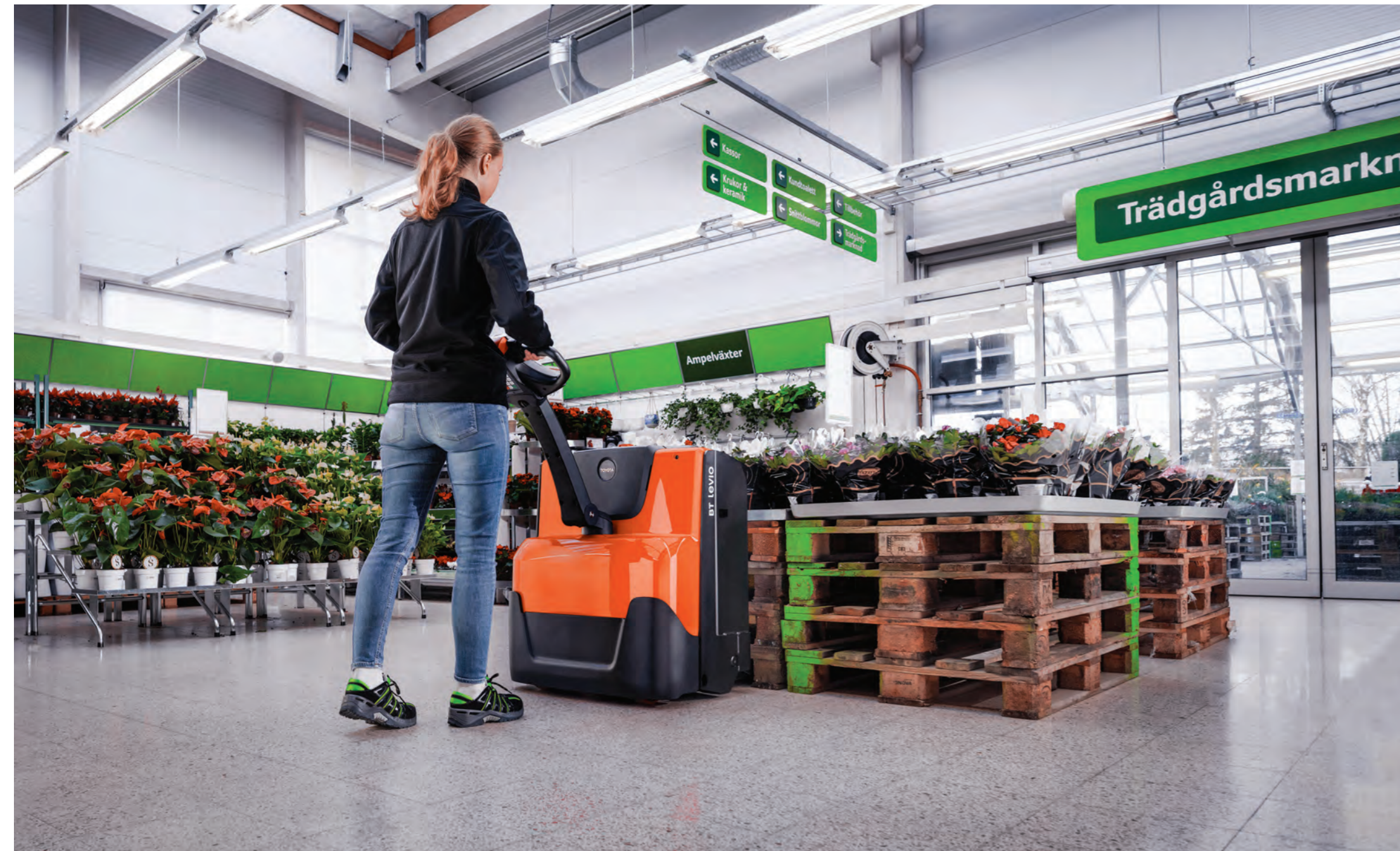
**Easy battery charging**

The BT Levio LWE130 features a built-in charger for fast and easy charging- just plug it into a power socket. There is also the option of an in-vehicle charging system for opportunity charging when travelling on delivery vehicles. In-vehicle charging features intelligent control to only operate when the main vehicle engine is running.

**TPS-based reliability**

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





# TOYOTA BT LEVIO W-SERIES

BT Levio W-series are compact trucks with a full range of capacities. All models, from 1400 kg to 2500 kg, share the same compact design - easy to use, with impressive handling capacity, which means they are suited to all types of application.

## SPECIFICATIONS

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

**Maximum travel speed:** 6 km/h

**Maximum battery capacity:** 300 Ah

**Options available:** | Site







A clear and safe view of the forks



Fingertip control for drive, lift and lower with unique click-2-creep feature



Easy access for efficient servicing



LWE load support

● standard ○ option

**Truck features**

	Safety	Durability	Productivity	Driveability	BT Levio LWE140	BT Levio LWE160	BT Levio LWE180	BT Levio LWE200	BT Levio LWE250
Automatic parking brake	●				●	●	●	●	●
Bogie fork wheels			●	●	○	○	○	○	○
BT Powerdrive		●			●	●	●	●	●
BT Castorlink		●			●	●	●	●	●
Climber wheels			●	●	○	○	○	○	○
High-capacity battery models						○	○	○	○
Electronic braking system	●				●	●	●	●	●
Electronic regenerative brakes (motor)	●				●	●	●	●	●
Electronic speed control	●				●	●	●	●	●
Load support					○	○	○	○	○

**Controls and instruments**

	Safety	Durability	Productivity	Driveability	BT Levio LWE140	BT Levio LWE160	BT Levio LWE180	BT Levio LWE200	BT Levio LWE250
180°+ steering	●				●	●	●	●	●
Access Control (PIN codes)					●	●	●	●	●
Automatic deceleration					●	●	●	●	●
Click-2-Creep					●	●	●	●	●
Drive motor temperature warning					●	●	●	●	●
E-bar					○	○	○	○	○
Electronic controller temperature warning					●	●	●	●	●
Electronic fingertip controls					●	●	●	●	●
Emergency collision button					●	●	●	●	●
Emergency cut-off					●	●	●	●	●
Hour meter					●	●	●	●	●
On-board data terminal mount					○	○	○	○	○
Parking brake					●	●	●	●	●
Smart Access (electronic card/fob)					○	○	○	○	○
Temporary speed reduction ('turtle' button)					○	○	○	○	○
Tiller arm steering					●	●	●	●	●

**Operator features**

	Safety	Durability	Productivity	Driveability	BT Levio LWE140	BT Levio LWE160	BT Levio LWE180	BT Levio LWE200	BT Levio LWE250
Driver-adapted programmable performance	●				●	●	●	●	●
Flip-down driver platform							○	○	○
Shrinkwrap holder							○	○	○
Storage compartments					●	●	●	●	●
Writing table							○	○	○
Weighing scale					○	○	○	○	○

● standard ○ option

**Maintenance features**

	Safety	Durability	Productivity	Driveability	BT Levio LWE140	BT Levio LWE160	BT Levio LWE180	BT Levio LWE200	BT Levio LWE250
Easy access for maintenance					●	●	●	●	●
Fault diagnosis facility					●	●	●	●	●
Historic fault log					●	●	●	●	●

**Battery management features**

	Safety	Durability	Productivity	Driveability	BT Levio LWE140	BT Levio LWE160	BT Levio LWE180	BT Levio LWE200	BT Levio LWE250
Battery status indicator					●	●	●	●	●
Battery discharge prevention system					●	●	●	●	●
Built-in charger					○	○	○	○	○
Lithium-ion batteries								○	○
Sideways battery change								○	○

**Special applications**

	Safety	Durability	Productivity	Driveability	BT Levio LWE140	BT Levio LWE160	BT Levio LWE180	BT Levio LWE200	BT Levio LWE250
Coldstore version					○	○	○	○	○
EEx version (ATEX)					○	○	○	○	○
Reel/drum handling					○	○	○	○	○
Silent version								○	○

**Handling with care – just Click-2-Creep!**

Finite positioning is easy with these BT Levio W-series trucks. The unique click-2-creep feature means that by simply double-clicking the control lever the truck is set to creep speed, allowing safe control in tight situations.

**Totalview concept**

The optimised length of the control arm combined with the low overall height of the truck means you always get a clear and safe view of the forks.

**Li-ion battery technology**

The latest maintenance-free Li-ion battery technology is available on the LWE200, with 30% less energy consumption, giving exceptional battery life and the option for fast-charge at any time revolutionising battery management and eliminating the need for battery change in multi-shift applications.

**TPS-based reliability**

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





# TOYOTA BT LEVIO P-SERIES

The BT Levio P-series range has a compact design but offers capacities up to 2500 kg. The result is an extremely manoeuvrable range of machines with the smallest turning radius in their class combined with the highest maximum speed, at up to 12.5 km/h, for outstanding productivity.

## SPECIFICATIONS

**Load capacity:** 2.0, 2.2, 2.5 t @ 600 mm load centre

**Maximum travel speed:** 12.5 km/h

**Maximum battery capacity:** 600 Ah

**Options available:** | Site







The height of the steering arm can be adjusted at the touch of a button



A clear view of the forks from the driving position



One-touch action to fold away the sideguards



Fixed platform and backrest

● standard ◦ option

**Truck features**

	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPRE250
Automatic parking brake					●	●	●
Bogie fork wheels					◦	◦	◦
Climber skids					◦	◦	◦
Electronic regenerative brakes (motor)					●	●	●
Fixed AC motor					●	●	●
Fork length dependent steering (OTP)					●	●	●
Load support	⚡				◦	◦	◦
Powertrak traction system					●	●	●
Reduced speed when cornering (OTP)					●	●	●
Shock sensor	⚡				◦	◦	◦
Spring-loaded drive wheel					●	●	●
Twin castor wheels					◦	◦	◦
Xenoy exterior covers					●	●	●

**Controls and instruments**

	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPRE250
180°+ steering					●	●	●
Access Control (PIN codes)					●	●	●
Click-2-Creep					●	●	●
Driver direction dependent steering (OTP)					●	●	●
E-bar					◦	◦	◦
Emergency collision button					●	●	●
Hour meter					●	●	●
On-board data terminal mount					◦	◦	◦
Power/Electronic steering	⚡				◦	◦	◦
Temporary speed reduction ('turtle' button)	⚡				◦	◦	◦
Tiller arm steering					●	●	●
Smart Access (electronic card/fob)					●	●	●
Soft pedestrian drive characteristics (OTP)					●	●	●

**Operator features**

	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPRE250
Adjustable tiller arm height					◦	◦	◦
Configuration dependent tiller arm length					●	●	●
Driver-adapted programmable performance					●	●	●
Driver detection system					●	●	●
Fixed sideguards	⚡				◦	◦	◦
Flip-down driver platform					●	●	●
Folding sideguards					●	●	●

● standard ◦ option

**Operator features**

	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPRE250
Foot safety photocell					◦	◦	◦
One-touch safety gates					●	●	●
Rear backrest/guard	⚡				◦	◦	◦
Shrinkwrap holder					●	●	●
Storage compartments					●	●	●
Writing table					◦	◦	◦

**Maintenance features**

	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPRE250
Easy access for maintenance					●	●	●
Fault diagnosis facility					●	●	●
Historic fault log					●	●	●

**Battery management features**

	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPRE250
Battery status indicator					●	●	●
Built-in charger					◦	◦	◦
Lithium-ion batteries					◦	◦	◦
Quick battery locking					◦	◦	◦
Sideways battery change					◦	◦	◦

**Special applications**

	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPRE250
Coldstore platform/driver unit					◦	◦	◦
Corrosive environment version					◦	◦	◦
EEx version (ATEX)					◦	◦	◦

**Unique, adapted driver experience**

The standard truck has a folding driver platform with 'one-touch' foldable gates. Fixed platform and fixed rear or side guards are options. The height of the steering arm is fully adjustable at the touch of a button, and its length is adapted to suit the application. Optimised Truck Performance adjusts speed when cornering and according to load length, direction of travel, and if pedestrian-operated. Effortless electronic steering is an option.

**Totalview concept**

The BT Levio P-series range fully complies with ISO 13564-1:2012 to ensure a clear view of the forks from the driving position.

**Li-ion battery technology**

The latest maintenance-free Li-ion battery technology is available on BT Levio P-series models, with 30% less energy consumption, giving exceptional battery life and the option for fast-charge at any time revolutionising battery management and eliminating the need for battery change in multi-shift applications.

**Quiet operation**

The BT Levio P-series has a very low noise level, and is the quietest truck in its class.

**TPS-based reliability**

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



# TOYOTA BT LEVIO S-SERIES

BT Levio S-series models are small and manoeuvrable. A fully enclosed stand-in cab gives maximum driver protection, whilst retaining a compact overall size to allow maximum manoeuvrability in congested and busy areas.

## SPECIFICATIONS

**Load capacity:** 2.0 t @ 600 mm load centre

**Maximum travel speed:** 10.5km/h

**Maximum battery capacity:** 620 Ah

**Options available:** | Site



Easy driving with small electronic steering wheel



The driver is fully protected within the cab

● standard ◦ option

	Safety	Durability	Productivity	Driveability	BT Levio LSE200
<b>Truck features</b>					
Automatic parking brake	●				●
Bogie fork wheels			●		●
Electronic braking system	●				●
Electronic regenerative brakes (motor)	●				●
Electronic speed control	●				●
<b>Controls and instruments</b>					
Automatic deceleration	●				●
Electronic fingertip controls			●		●
Emergency cut-off	●				●
Hour meter					●
Power/Electronic steering	●				●
<b>Operator features</b>					
Adjustable backrest	●				●
Driver detection system					●
Low step-in	●				●
Storage compartments			●		●
Writing table					◦
<b>Maintenance features</b>					
Easy access for maintenance		●			●
<b>Battery management features</b>					
Battery status indicator		●			●
Sideways battery change			●		◦
<b>Special applications</b>					
EEx version (ATEX)	●				◦

**Transverse driving position for longer distance travel**  
The driver stands transversely in the cab, which allows easy driving in either travel direction, making this truck ideal for operations where the truck is continuously travelling backwards and forwards. An optional 45° driving position is also available as an option.

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





# TOYOTA BT LEVIO R-SERIES

Designed and built for high-speed transportation of multiple loads, and with load capacities of up to 3000 kg and travel speeds up to 19.9 km/h the BT Levio R-series provides effective longer distance transportation. Long fork options mean that multiple loads can be carried, creating a highly efficient and productive solution.

## SPECIFICATIONS

**Load capacity:** 2.0, 3.0 t @ 600 mm load centre

**Maximum travel speed:** 19.9km/h

**Maximum battery capacity:** 840 Ah

**Options available:** | **Site**



The cab and controls are fully adjustable to suit the driver



Optional E-bar for ancillary equipment

● standard ◦ option

	Safety	Durability	Productivity	Driveability	BT Levio LRE200	BT Levio LRE300	BT Levio LRE300T
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**Truck features**

Automatic parking brake					●	●	●
Bogie fork wheels					●	●	●
Clear-view overhead guard	●				◦		
Electronic braking system	●	●			●	●	●
High performance models					●	●	
Load support					◦		
Twin drive tyres							●

**Controls and instruments**

360° progressive steering	●				●	●	
Automatic deceleration					●	●	●
E-bar					◦	◦	◦
Emergency cut-off	●				●	●	●
Hour meter					●	●	●
Pedals as in a car	●				●	●	●
Power/Electronic steering	●				●	●	●
On-board data terminal mount					◦	◦	◦
Steering direction indicator	●				●	●	

**Operator features**

Adjustable seat	●				●	●	●
Adjustable steering wheel	●				●	●	●
Driver detection system	●				●	●	●
Writing table					◦	◦	◦

**Maintenance features**

Easy access for maintenance	●				●	●	●
Historic fault log					●	●	●

**Battery management features**

Battery status indicator	●				●		
Sideways battery change					◦		

**Special applications**

Coldstore version					◦		
EEx version (ATEX)	●				◦	◦	◦

### High-level cushioned driving position

High-speed travel demands a safe driving position and a clear view. The cab on BT Levio R-series trucks is elevated to ensure full all-round visibility, and any floor vibrations caused by high-speed travel are eliminated due to the spring-loaded cab.

### Fully adjustable cab and controls

Operations of this type usually involve long periods of driving, so the seat and controls within the cab are fully adjustable to suit the driver.

### TPS-based reliability

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



# Toyota Material Handling in Europe

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## 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.

