

Toyota Powered Pallet Trucks

The BT Levio Range



BT Levio

the complete range of powered pallet trucks from Toyota Material Handling

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

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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

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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

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BT Levio R-series Rider-seated trucks



High speed trucks for transportation of multiple loads over long distances
2.0 – 3.0 tonnes load capacities
Travel speed up to 19.9 km/h

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The BT Levio LWE130 moves heavy loads with ease.



● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Levio LWE130
Truck features					
Automatic parking brake					●
Bogie fork wheels					○
BT Castorlink					●
Climber wheels					○
Load support					○
Controls and instruments					
208° steering					●
Electronic braking system					●
Electronic speed control					●
Electronic fingertip controls					●
Hour meter					○
Tiller arm steering					●
Emergency collision button					●
Emergency cut-off					●
Parking brake					●
Operator features					
Storage compartments					●
Maintenance features					
Easy access for maintenance					●
Fault diagnosis facility					●
Lubrication points					●
Battery management features					
Battery status indicator					○
Built-in charger					●
In-vehicle charging					○

BT Levio W-series

Lightweight pedestrian-operated trucks

The BT Levio LWE130 is a high capacity but extremely lightweight truck. Weighing just 255 kg, including battery, the LWE130 is unusually small and lightweight, allowing easy use in a wide variety of applications, including on-board delivery vehicles. The 1300 kg load capacity means it can carry heavy loads with ease.

Unique Castorlink system

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



- 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

Load capacity: 1.3 t @ 600 mm load centre
 Maximum travel speed: 5.5 km/h
 Maximum battery capacity: 63 Ah



● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Levio LWE140	BT Levio LWE160	BT Levio LWE180	BT Levio LWE200	BT Levio LWE250
Truck features									
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									
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									
Driver-adapted programmable performance					●	●	●	●	●
Flip-down driver platform					○	○	○	○	○
Shrinkwrap holder					○	○	○	○	○
Storage compartments					●	●	●	●	●
Writing table					○	○	○	○	○
Weighing scale					○	○	○	○	○
Maintenance features									
Easy access for maintenance					●	●	●	●	●
Fault diagnosis facility					●	●	●	●	●
Historic fault log					●	●	●	●	●
Battery management features									
Battery status indicator					●	●	●	●	●
Battery discharge prevention system					●	●	●	●	●
Built-in charger					○	○	○	○	○
Lithium-ion batteries					○	○	○	○	○
Sideways battery change					○	○	○	○	○
Special applications									
Coldstore version					○	○	○	○	○
EEx version (ATEX)					○	○	○	○	○
Reel/drum handling					○	○	○	○	○
Silent version					○	○	○	○	○



BT Levio W-series

Pedestrian-operated trucks

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.

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 option for intensive operations
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.

- A clear and safe view of the forks
- Easy access for efficient servicing
- Fingertip control for drive, lift and lower with unique click-2-creep feature

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





Standardausführung: nach oben klappende Plattform und leicht zu justierende Seitenschutzbügel



Optional: manuell hochklappbare Plattform, feste Rückenlehne, feste Seitenschutzwände



	Safety	Durability	Productivity	Driveability	BT Levio LPE200	BT Levio LPE220	BT Levio LPE250
Truck features							
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							
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							
Adjustable tiller arm height					○	○	○
Configuration dependent tiller arm length					●	●	●
Driver-adapted programmable performance					●	●	●
Driver detection system					●	●	●
Fixed sideguards					○	○	○
Flip-down driver platform					●	●	●
Folding sideguards					○	○	○
Foot safety photocell					○	○	○
One-touch safety gates					●	●	●
Rear backrest/guard					○	○	○
Shrinkwrap holder					●	●	●
Storage compartments					●	●	●
Writing table					○	○	○
Maintenance features							
Easy access for maintenance					●	●	●
Fault diagnosis facility					●	●	●
Historic fault log					●	●	●
Battery management features							
Battery status indicator					●	●	●
Built-in charger					○	○	○
Lithium-ion batteries					○	○	○
Quick battery locking					○	○	○
Sideways battery change					○	○	○
Special applications							
Coldstore platform/driver unit					○	○	○
Corrosive environment version					○	○	○
EEx version (ATEX)					○	○	○

BT Levio P-series

Trucks with driver platform

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.

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 option for intensive operations

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.



- 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

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





● standard ○ option

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

BT Levio S-series Stand-in trucks

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.

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.



- Easy driving with small electronic steering wheel
- The driver is fully protected within the cab

Load capacity: 2.0 t @ 600 mm load centre
Maximum travel speed: 10.5 km/h
Maximum battery capacity: 620 Ah





● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Levio LRE200	BT Levio LRE300	BT Levio LRE300T
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)	○	○	○	○	○	○	○

BT Levio R-series Rider-seated trucks

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.

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 R-series trucks are built according to the Toyota Production System, assuring the highest levels of quality, durability and reliability.



- The cab and controls are fully adjustable to suit the driver
- Optional E-bar for ancillary equipment

Load capacity: 2.0, 3.0 t @ 600 mm load centre
Maximum travel speed: 19.9 km/h
Maximum battery capacity: 840 Ah



How we plan your operation

Toyota Material Handling has a clear approach to create effective and profitable relationships:

- Your local sales contact aims to be your trusted business advisor for all handling and logistics operations, to support your activities at both the planning and operational phases
- Our challenge is to analyse and understand your requirements and find efficient handling solutions – in short to fulfil our commitment to ‘Kaizen’ – which means continuous improvement
- A complete range of Toyota products – counterbalance trucks, warehouse trucks, tow tractors and automated solutions

Financial options

A choice of financial options to suit your exact needs, including finance lease and fully-inclusive long term rental programmes

Quality approved used trucks are also available giving Toyota build-quality at a very competitive cost level

Forward planning with short-term rental options to handle peak periods of activity

How we build quality trucks

The Toyota Production System has a world-wide reputation for manufacturing quality products:

- Having identified the right equipment for your operations, you have the confidence that it will be manufactured to the highest quality standards – that means reliability
- TPS is built around a process of continuous improvement (Kaizen) which is achieved by following a clear set of values
- All trucks are produced to ISO 14001 quality standards, ensuring minimum environmental impact
- Furthermore, one of the driving values within TPS is the elimination of waste at every stage of the process
- Over 90% of trucks sold by Toyota Material Handling in Europe are built within our European factories in Sweden, France and Italy

Toyota Production System – the strong foundation for quality in manufacturing

Taking care of you and your trucks

The Toyota Service Concept has been developed on TPS principle and is unique in the industry:

- Service means total lifetime support – maintenance, repairs, back-up with extra trucks, driver training and management information
- Real-time information is one of the core values that makes Toyota’s service concept unique. It means everyone in the process has instant on-line access to updated, integrated information – technical support, truck history, parts, truck availability and for data for effective time and route planning
- TSC also means exact-fit in terms of parts and people, with structured training and accreditation processes
- Smart truck telemetry with GPRS/3G communication is also unique to Toyota, and available on almost every truck we produce. This allows better safety standards including driver management and, with Toyota I_Site, complete fleet control for improved safety, efficiency and cost reduction

Toyota Service Concept – for unique, forward-thinking lifetime support

RELIABILITY
CONFIDENCE
AVAILABILITY
PRODUCTIVITY
QUALITY
SAFETY

These are the expectations of our customers, alongside cost efficiency, sustainability and respect for the environment.

We check these expectations by regularly talking to truck users through surveys, sales discussions and over 3.5 million service visits every year.

We work with customers from one-off users up to the largest fleet operations.

Because our network extends across Europe we are always local.

Understanding customer needs is at the heart of our operations.

We call it CUSTOMER FIRST.

This page describes the unique processes that we follow, from working with you to plan your handling requirements, through building high quality reliable products, then delivering the best possible lifetime support.



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.

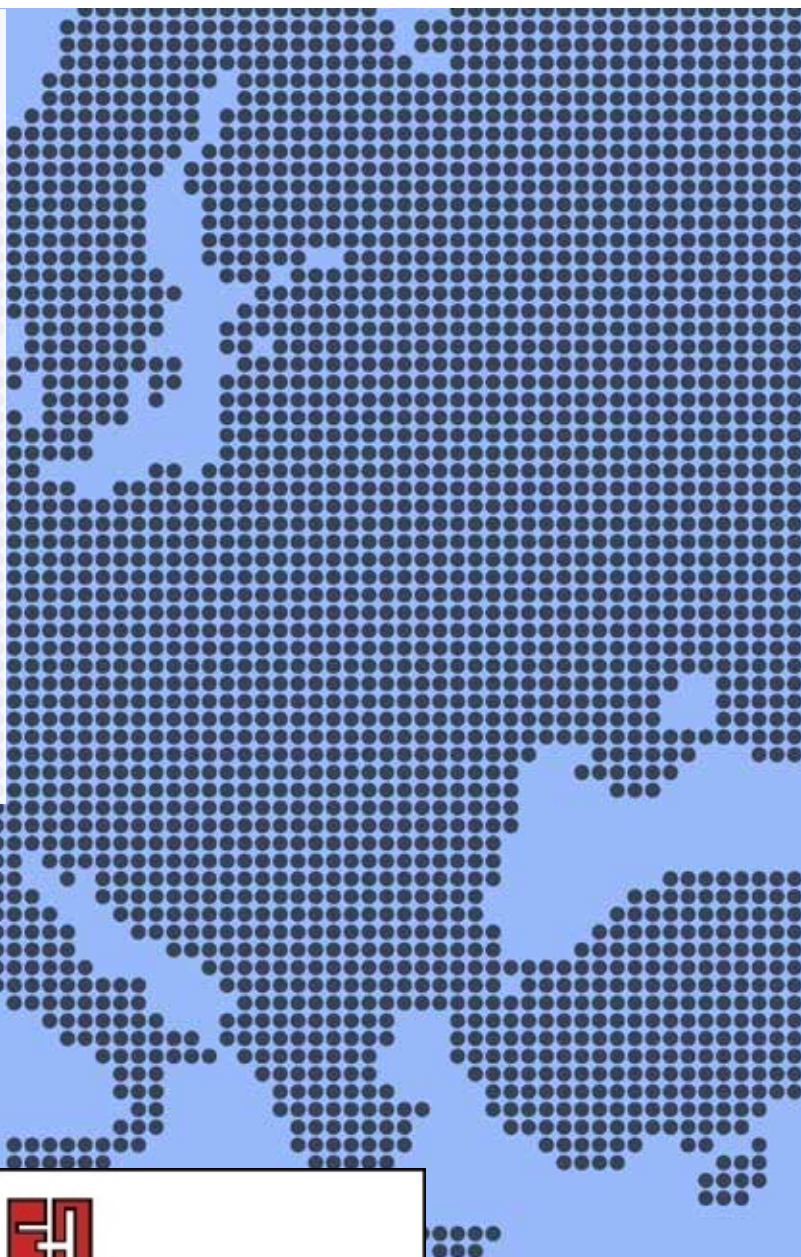
Always local – with global support

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.



Pictures used are for illustration purposes only. Availability and specifications are determined regionally, and are subject to change without notice. Please consult your Toyota Material Handling representative for details.



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