

Toyota Powered Stacker Trucks





The BT Staxio Range



TOYOTA

BT Staxio

the complete range of powered stacker trucks from Toyota Material Handling

BT Staxio W-series Pedestrian-operated stackers	BT Staxio P-series Stackers with driver platform	BT Staxio S-series Stand-in stackers	BT Staxio R-series Rider-seated stackers
			
<p>Compact pedestrian stackers for easy use in congested areas or on-board vehicles</p> <p>0.8 – 2.0 tonnes load capacities</p> <p>Lift heights up to 6.0 m</p>	<p>Compact and manoeuvrable stackers with choice of platforms for high-speed travel</p> <p>1.2 – 2.0 tonnes load capacities</p> <p>Lift heights up to 6.0 m</p>	<p>Enclosed cab and transverse driving position for work in congested areas</p> <p>1.35 – 1.6 tonnes load capacities</p> <p>Lift heights up to 6.3 m</p>	<p>Designed and built for intensive stacking operations</p> <p>1.35 – 1.6 tonnes load capacities</p> <p>Lift heights up to 6.3 m</p>
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The HWE100 is the simplest model in the BT Staxio W-series – a compact truck that provides safe, easy horizontal pallet movement and stacking in low-intensity applications. The HWE100's low weight, compact size and 1000 kg load capacity make it ideal in a wide range of applications.



HWE100



The HWE100S offers the same features as the HWE100 but also has straddle arms for handling different pallet sizes. Both models have a maximum lift height of two metres.

● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Staxio HWE100	BT Staxio HWE100S
Truck features						
Adjustable fork width				○	○	
Automatic height adjustment				○	○	
Automatic parking brake					●	●
Bogie fork wheels						
BT Castorlink						
BT Powerdrive						
Choice of chassis widths						
Clear-view mast						
Clear-view overhead guard						
Double pallet handling						
Electronic braking system					●	●
Electronic regenerative brakes (motor)						
Electronic speed control					●	●
Elevating support arms						
High-capacity battery models						
Load support						
Powertrak traction system						
Spring-loaded castors with dampers					●	●
Spring-loaded drive wheel						
Straddle support arm version						●
Warning beacon						
Working lights						
Controls and instruments						
180°+ steering					●	●
Electronic fingertip controls					●	●
Emergency collision button					●	●
Emergency cut-off					●	●
Hour meter					○	○
Parking brake					●	●
Tiller arm steering					●	●
Operator features						
Storage compartments					●	●
Maintenance features						
Easy access for maintenance					●	●
Fault diagnosis facility					●	●
Lubrication points					●	●
Battery management features						
Battery status indicator					○	○
Built-in charger					●	●

BT Staxio W-series

Pedestrian-operated stacker trucks

BT Staxio HWE models are light enough to be used on mezzanine floors and are ideal for low-intensity use in public environments such as shops and hospitals.

5-point chassis

BT Staxio W-series boasts a 5-point chassis that is unique to Toyota for excellent stability and control.

Automatic height adjustment

This option uses a photocell to monitor the height of the top of the load. As items are moved on and off, the fork height is automatically adjusted to a comfortable level for the operator.

Adjustable fork width

The HWE100S has support arms that straddle the load allowing an adjustable fork width. The support arm width can also be easily adjusted if the requirements of the application change.

TPS-based reliability

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



- Automatic height adjustment option
- Built-in charger
- Easy access for efficient servicing, plus maintenance-free batteries
- HWE100S model can handle a variety of pallet sizes thanks to its adjustable straddle forks

Load capacity: 1.0 t @ 600 mm load centre
Maximum lift height: 2.0 m
Maximum battery capacity: 63 Ah



● standard ○ option

	Safety	Durability	Productivity	Drivability	BT Staxio SWE080L	BT Staxio SWE100	BT Staxio SWE120	BT Staxio SWE120L	BT Staxio SWE120S	BT Staxio SWE140	BT Staxio SWE140L	BT Staxio SWE140S	BT Staxio SWE145	BT Staxio SWE145L	BT Staxio SWE160	BT Staxio SWE160L	BT Staxio SWE200	BT Staxio SWE200L
Truck features																		
Adjustable fork width																		
Automatic height adjustment																		
Automatic parking brake																		
Bogie fork wheels																		
BT Castorlink																		
Choice of chassis widths																		
Clear-view mast																		
Double pallet handling																		
Electronic braking system																		
Electronic regenerative brakes (motor)																		
Electronic speed control																		
Elevating support arms																		
High-capacity battery models																		
Load support																		
Spring-loaded drive wheel																		
Straddle support arm version																		
Controls and instruments																		
180°+ steering																		
208° steering																		
Access Control (PIN codes)																		
Automatic deceleration																		
Click-2-Creep																		
Creep speed function																		
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																		
Sensi-lift																		
Reduced speed when cornering (OTP)																		
Soft driving characteristics when stacking (OTP)																		
Temporary speed reduction ('turtle' button)																		
Tiller arm steering																		
Smart Access (electronic card/fob)																		
Operator features																		
Driver-adapted programmable performance																		
Flip-down driver platform																		
Shrinkwrap holder																		
Storage compartments																		
Writing table																		
Maintenance features																		
Easy access for maintenance																		
Fault diagnosis facility																		
Historic fault log																		
Battery management features																		
Battery discharge prevention system																		
Battery status indicator																		
Built-in charger																		
Sideways battery change																		
Special applications																		
Coldstore version																		
EEx version (ATEX)																		

BT Staxio W-series

Pedestrian-operated stacker trucks

The BT Staxio W-series is designed to let the operator get on with the job – simply and safely. The trucks provide essential lifting power in warehouses and retail premises, where safety and manoeuvrability are particularly important. The heavy-duty range is built to handle heavy loads in high racking applications.

Wide choice of models

The BT Staxio W-series includes a simple mono-mast version for lower and lighter load handling (SWE080L), versions with elevating support arms for extra low level capacity (SWE120L/SWE140L/SWE145L/SWE160L/SWE200L), a version with adjustable fork width and straddle support arms (SWE120S/ SWE140S) and a version that is designed for double load handling (SWE200D).

5-point chassis

BT Staxio W-series boasts BT's unique 5-point chassis for excellent stability and control, especially on ramps and uneven surfaces.

Central steering arm

The steering arm is placed centrally, allowing even turning in both directions and a consistently small turning radius.

Handling with care – just Click-2-Creep!

Finite positioning is easy with these BT Staxio 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

Designed with Toyota's Totalview concept, SWE models offer clear-view masts and eye-lines from the operating position to the fork tips.

TPS-based reliability

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



- The tiller arm length is optimised for safety, keeping the operator's feet away from the truck
- 5-point chassis
- BT Totalview
- Ergonomic control handle, with emergency 'belly button' which, to avoid trapping, briefly reverses the truck if depressed

Load capacity: 0.8, 1.0, 1.2, 1.4, 1.45, 1.6, 2.0 t
@ 600 mm load centre
Maximum lift height: 6.0 m
Maximum battery capacity: 500 Ah



LI-ION



Pedestrian reach stacker truck RWE120

● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Staxio SPE120	BT Staxio SPE120L	BT Staxio SPE140	BT Staxio SPE140L	BT Staxio SPE140S	BT Staxio SPE160	BT Staxio SPE160L	BT Staxio SPE200	BT Staxio SPE200D	BT Staxio SPE200DN	BT Staxio RWE120	BT Staxio SPE120XR	BT Staxio SPE120XRD
Truck features																	
Adjustable fork width																	
Automatic parking brake																	
Bogie fork wheels																	
Choice of chassis widths																	
Clear-view mast																	
Clear-view overhead guard																	
Double pallet handling																	
Electronic braking system																	
Electronic regenerative brakes (motor)																	
Electronic speed control																	
Elevating support arms																	
High-capacity battery models																	
Load support																	
Pantograph fork mechanism																	
Powertrak traction system																	
High capacity stacking drive unit																	
Reach mast and adjustable forks																	
Spring-loaded drive wheel																	
Straddle support arm version																	
Shock sensor																	
Xenoy exterior covers																	
Controls and instruments																	
180°+ steering																	
Access Control (PIN codes)																	
Automatic deceleration																	
E-bar																	
Electronic fingertip controls																	
Emergency collision button																	
Emergency cut-off																	
Hour meter																	
On-board data terminal mount																	
Power/Electronic steering																	
Sensi-lift																	
Temporary speed reduction ('turtle' button)																	
Soft drive characteristic when stacking (OTP)																	
Reduced speed when cornering (OTP)																	
Driver direction dependent steering (OTP)																	
Tiller arm steering																	
Smart Access (electronic card/fob)																	
Operator features																	
Adjustable tiller arm height																	
Configuration dependent tiller arm length																	
Driver detection system																	
Driver-adapted programmable performance																	
Fixed sideguards																	
Flip-down driver platform																	
Folding sideguards																	
Rear backrest/guard																	
Non-platform model																	
Foot safety photocell																	
One touch safety guards																	
Shrinkwrap holder																	
Storage compartments																	
Writing table																	
Maintenance features																	
Easy access for maintenance																	
Fault diagnosis facility																	
Historic fault log																	
Battery management features																	
Battery status indicator																	
Lithium-ion batteries																	
Quick battery locking																	
Sideways battery change																	
Special applications																	
Coldstore version																	
Corrosive environment version																	
EEx version (ATEX)																	

BT Staxio P-series

Stackers with driver platform

BT Staxio P-series trucks are designed for intensive applications. They lift high, offer great stability and are fast. Combined with large battery capacities and high residual capacities, the P-series will lift your productivity.

Wide choice of models

The BT Staxio P-series includes versions with fixed support arms (SPE120/140/160/200), with elevating support arms for extra low level capacity (SPE120L/140L/160L/200L), a version with adjustable fork width and straddle support arms (SPE140S) and two versions designed for double load handling (SPE200D/200DN). The RWE120 and SPE120XR further expand the versatility of the range with moving mast or pantograph based fork carriage. SPE120XRD also handles double loads.

Not afraid of heights

BT Staxio achieves the highest lift heights in its class and handles heavy loads with confidence. Lifting speed can be precisely controlled using the intuitively designed rocker switch on the handle. This allows faster work cycles and effective placement and retrieval. Designed with Toyota's Totalview concept, SPE models offer clear-view masts resulting in an unobstructed view of the fork tips.

Class leading residual capacities

BT's unique 5-point chassis offers excellent stability and control, especially on ramps and uneven surfaces. All P-series models are built on BT's patented Powertrak chassis. This hydraulic system ensures that the down force applied to the drive wheel is proportional to the weight on the forks, for optimum traction. At high level, the advanced system locks the drive wheel resulting in exceptionally high residual capacities and the upmost stability.

Unique 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. Optimised Truck Performance adjusts speed when cornering based on direction of travel, and if pedestrian operated. Effortless electronic steering is standard.

Li-ion option for intensive operations

This maintenance-free battery technology gives 30% less energy consumption, exceptional battery life and the option for fast-charge at any time – eliminating the need for battery change in multi-shift applications.

TPS-based reliability

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



- Clear view on the forks when driving or lifting
- Net protection on the mast for safer load handling
- Side guards and E-man steering for comfortable and safe long distance driving
- E-bar allows easy mounting of ancillary equipment

options



Load capacity: 1.20, 1.40, 1.60, 2.0 t
@ 600 mm load centre
Maximum lift height: 6.0 m
Maximum battery capacity: 500 Ah



SSE135



SSE160D

● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Staxio SSE135	BT Staxio SSE135L	BT Staxio SSE160	BT Staxio SSE160L	BT Staxio SSE160D
Truck features									
Automatic parking brake	●				●	●	●	●	●
Bogie fork wheels			●		●	●	●	●	○
Clear-view mast				●	●	●	●	●	
Clear-view overhead guard	●				●	●	●	●	
Double pallet handling					○	○	○	○	●
Electronic braking system	●	●			●	●	●	●	●
Electronic regenerative brakes (motor)	●				●	●	●	●	●
Electronic speed control	●				●	●	●	●	●
Elevating support arms						●	●	●	●
Load support	●				○	○	○	○	○
Controls and instruments									
180°+ steering			●		●	●	●	●	●
360° progressive steering					○	○	○	○	
Automatic deceleration	●				●	●	●	●	●
E-bar					○	○	○	○	
Electronic fingertip controls	●				●	●	●	●	●
Emergency cut-off	●				●	●	●	●	●
Hour meter					●	●	●	●	●
On-board data terminal mount			●		○	○	○	○	
Parking brake	●								●
Power/Electronic steering	●				●	●	●	●	●
Steering direction indicator	●				○	○	○	○	
Operator features									
Adjustable backrest	●								●
Driver detection system	●				●	●	●	●	●
Driver-adapted programmable performance									
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 status indicator	●				●	●	●	●	●
Heavy-duty battery compartments					○	○	○	○	
Sideways battery change	●				●	●	●	●	○
Special applications									
Coldstore version	●				○	○	○	○	○
EEx version (ATEX)	●								○

BT Staxio S-series

Stand-in stackers

The BT Staxio S-series has been developed for applications where it is preferred that the operator is 'off the floor' working in a fully enclosed cab, while maintaining a standing position for speed and flexibility.

Double-pallet handling

BT Levio S-series 'L' models can carry two separate loads at the same time thanks to their elevating support arms (SSE135L: 675kg on support arms, 675kg on forks. SSE160L: 800kg on support arms, 800kg on forks).

Double-pallet vehicle loading/unloading

Designed with a narrow chassis of just 770 mm and without overhead guard for work in vehicles, the SSE160D is ideal for double-pallet loading and unloading. Like the SSE160L, it can carry 800 kg simultaneously on both support arms and forks.

Transverse driving position

The controls on BT Staxio S-series trucks are parallel to the forks, enabling the operator to drive comfortably in either direction, with clear and easy visibility.

Totalview concept

Designed with Toyota's Totalview concept, SSE models offer clear-view masts and a patented overhead mast design.

TPS-based reliability

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



- The visibility window adds to the S-series' high safety standards
- The battery on S-series models is seated on rollers with a built in battery table, allowing easy sideways battery exchange

Load capacity: 1.35, 1.6 t
@ 600 mm load centre
Maximum lift height: 6.3 m
Maximum battery capacity: 620 Ah

options





● standard ○ option

	Safety	Durability	Productivity	Driveability	BT Staxio SRE135	BT Staxio SRE135L	BT Staxio SRE160	BT Staxio SRE160L
Truck features								
Automatic parking brake	●			●	●	●	●	●
Bogie fork wheels			●	●	●	●	●	●
Clear-view mast	●			●	●	●	●	●
Clear-view overhead guard	●			●	●	●	●	●
Double pallet handling			●	○	○	○	○	○
Electronic speed control	●		●	●	●	●	●	●
Elevating support arms			●		●		●	●
Load support			○	○	○	○	○	○
Warning beacon			○	○	○	○	○	○
Working lights	●		○	○	○	○	○	○
Controls and instruments								
Adjustable BT Control console		●	●	●	●	●	●	●
Automatic deceleration	●		●	●	●	●	●	●
E-bar			○	○	○	○	○	○
Emergency cut-off	●			●	●	●	●	●
Hour meter				●	●	●	●	●
On-board data terminal mount		●	○	○	○	○	○	○
Parking brake	●			●	●	●	●	●
Pedals as in a car			●	●	●	●	●	●
Power/Electronic steering	●		●	●	●	●	●	●
Operator features								
Adjustable seat	●		●	●	●	●	●	●
Adjustable steering wheel		●	●	●	●	●	●	●
Driver detection system				●	●	●	●	●
Writing table		●	●	●	●	●	●	●
Maintenance features								
Easy access for maintenance	●		●	●	●	●	●	●
Fault diagnosis facility		●	●	●	●	●	●	●
Battery management features								
Battery change facility		●	○	○	○	○	○	○
Battery status indicator		●	○	○	○	○	○	○
Heavy-duty battery compartments		●	○	○	○	○	○	○
Sideways battery change		●	●	●	●	●	●	●
Special applications								
Coldstore version	●		○	○	○	○	○	○
EEx version (ATEX)	●		○	○	○	○	○	○

BT Staxio R-series

Rider-seated stackers

The BT Staxio R-series is designed for intensive stacking applications with lift heights up to 6.3m. The seated cab ensures driver comfort and safety over long shifts.

Transverse driving position

As in a reach truck, the controls on BT Staxio R-series trucks are parallel to the forks, enabling the operator to drive comfortably in either direction.

Totalview concept

Designed with Toyota's Totalview concept, SRE models offer clear-view masts and a patented overhead mast design.

TPS-based reliability

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



- Car pedal layout
- The E-bar universal mount for warehouse management devices such as PC terminals and barcode scanners

Load capacity: 1.35, 1.6 t
@ 600 mm load centre
Maximum lift height: 6.3 m
Maximum battery capacity: 620 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.

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