Toyota Powered Stacker Trucks

The BT Staxio Range





BT Staxio W-series

PEDESTRIAN-OPERATED STACKERS

BT Staxio P-series

STACKERS WITH DRIVER PLATFORM



Compact pedestrian stackers for easy use in congested areas or on-board vehicles

0.8 – 2.0 TONNES LOAD CAPACITIES

LIFT HEIGHTS UP TO 6.0 M



Compact and manoeuvrable stackers with choice of platforms for high-speed travel

1.2 – 2.0 TONNES LOAD CAPACITIES

LIFT HEIGHTS UP TO 6.0 M

P.12-15

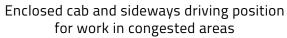
BT Staxio S-series

STAND-IN STACKERS

BT Staxio R-series

RIDER-SEATED STACKERS





1.35 – 1.6 TONNES LOAD CAPACITIES

LIFT HEIGHTS UP TO 6.3 M

P.16-17

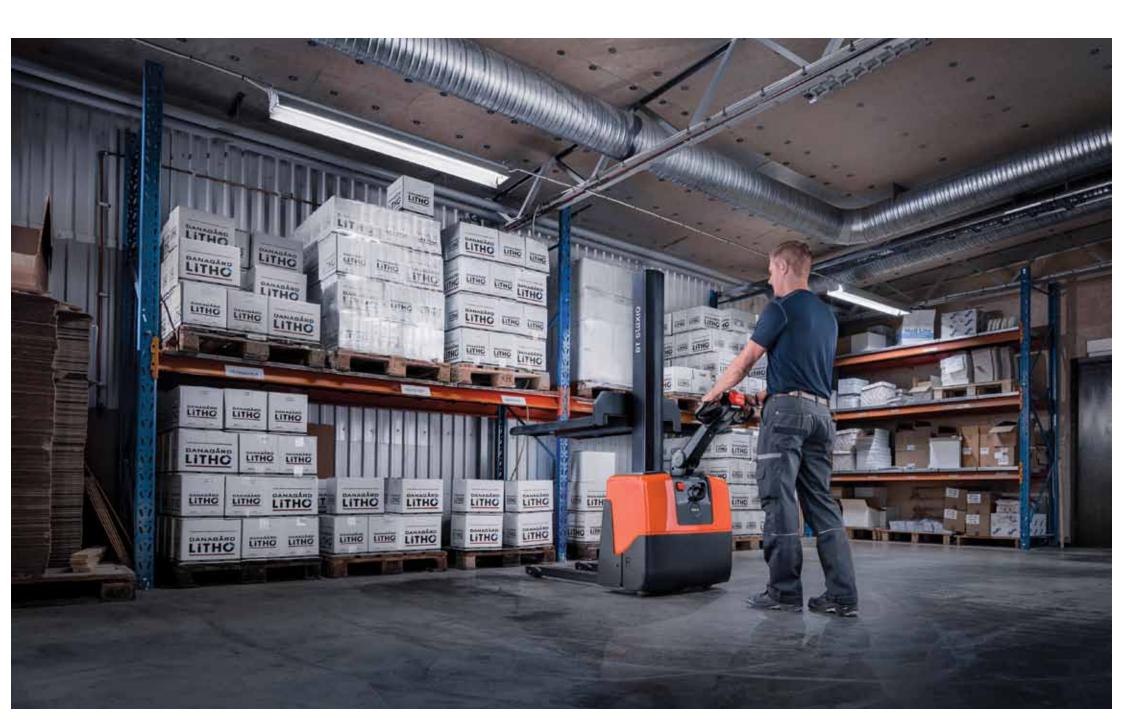


Designed and built for intensive stacking operations

1.35 - 1.6 TONNES LOAD CAPACITY

LIFT HEIGHTS UP TO 6.3 M

P.18-19



PART OF W-SERIES

(SEE PAGES 9 - 11 FOR FULL RANGE)

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, especially with the low noise level generated by the truck.

SPECIFICATIONS

Load capacity: 1.0 t @ 600 mm load centre

Maximum lift height: 2.0 m

Maximum battery capacity: 63 Ah

Option available: LSite





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



Good visibility

• standard ° option	Safety	Durability	Productivity	Driveability	BT Staxio HWE100	BT Staxio HWF100S
Truck features						
Adjustable fork width					0	0
Automatic height adjustment					0	0
Automatic parking brake					•	•
Electronic braking system					•	•
Electronic speed control					•	•
Spring-loaded castors with dampers					•	•
Straddle support arm version						•

Con	trol	s and	d ins	trum	ents
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Controls and mistraments				
180°+ steering			•	•
Electronic fingertip controls			•	•
Emergency collision button			•	•
Emergency cut-off			•	•
Hour meter			•	•
Parking brake			•	•
Click-2-Creep			•	•
Temporary speed reduction ('turtle' button)			0	0
Tiller arm steering			•	•

• standard ° option	Safety	Durability	Productivity	Driveability	BT Staxio HWE100	BT Staxio HWE100S
Operator Features						
Storage compartments					•	•
Maintenance features						

Maintenance reatures					
Easy access for maintenance			•	•	
Fault diagnosis facility			•	•	
Lubrication points			•	•	

Battery management features			
Battery status indicator		•	•
Built-in charger		•	•

Revolutionary AC motor

The HWE model's revolutionary low-maintenance AC motor offers durability and strength, as well as low energy consumption.

Driver comfort

For optimal driver comfort and intuitive handling, the HWE100 range has programmable driver parameters, as well as automatic height adjustment; an option that 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.

Safe operation with I_Site

To ensure safe and efficient material handling, the BT Staxio W-series is designed to be compatible with the fleet management tool I_Site that monitors for example, driver authorisation with a PIN code, machine utilisation and detects possible impacts of your truck in real time.

Handling with care - just Click-2-Creep

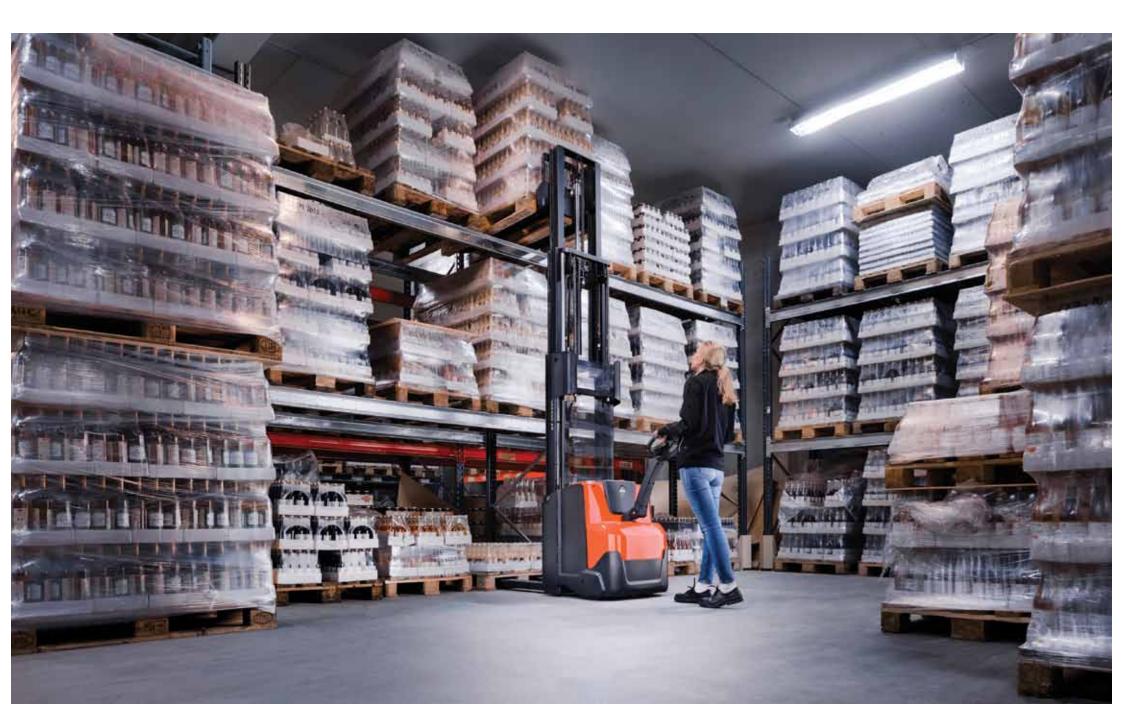
Finite positioning is easy with these BT Staxio W-series trucks. The unique click-2-creep feature means that by simply double-clicking the control lever the truck is set to creep speed, allowing safe control in tight situations.

5-point chassis

BT Staxio W-series boasts a 5-point chassis that gives the truck excellent stability and control.

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.



W-SERIES

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. This heavy-duty range is built to handle heavy loads in high racking applications.

SPECIFICATIONS

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

Options available: LSite L1-101 * 0









The tiller arm length is optimised for safety, keeping the operator's feet away from the truck



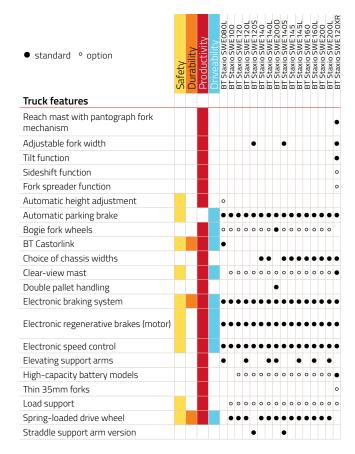
5-point chassis



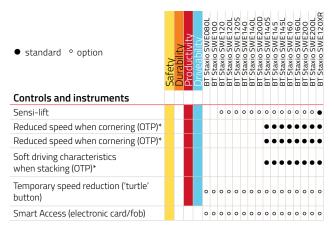
Toyota Totalview for excellent visibility



Ergonomic control handle, with emergency safety reverse button which, to avoid trapping, briefly reverses the truck if depressed



Controls and mistruments																			
180°+ steering					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
208° steering						•	•	•	•		•								
Access Control (PIN codes)					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic deceleration					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Click-2-Creep					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Drive motor temperature warning			П		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
E-bar					0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0
Electronic controller temperature warning					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electronic fingertip controls		П			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Emergency collision button			П		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Emergency cut-off				-	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Hour meter					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
On-board data terminal mount					0	0	0	0 0	0	0	0	0	0	0	o	0	0	0	0
	_	_		_															



Operator Features

Driver-adapted programmable performance			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flip-down driver platform				0	0	0	0	0	0								
Shrinkwrap holder		Г	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage compartments		ı	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Writing table			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Maintenance features

Easy access for maintenance			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fault diagnosis facility			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Battery management features

Battery discharge prevention system			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lithium-Ion batteries				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Battery status indicator			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Built-in charger			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sideways battery change					0	0		0	0	0		0	0	0	0	0	0	

Special applications

Coldstore version			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EEx version (ATEX compliant)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

^{*}Optimised Truck Performance

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), a version that is designed for double load handling (SWE200D) and a model with retractable mast (SWE120XR).

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!

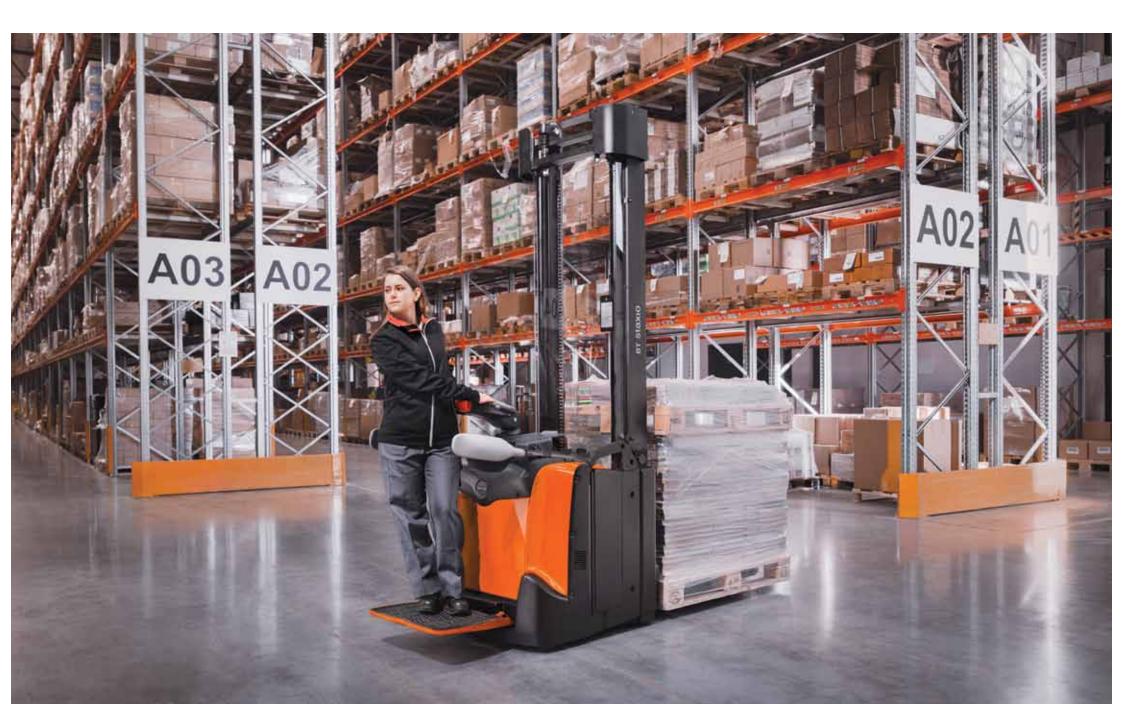
Finite positioning is easy with these BT Staxio W-series trucks. The unique Click-2-Creep feature means that by simply double-clicking the control lever the truck is set to creep speed, allowing safe control in tight situations.

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.



P-SERIES

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.

SPECIFICATIONS

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

Options available: LSite L1-101 * 0









Clear view on the forks when driving or lifting



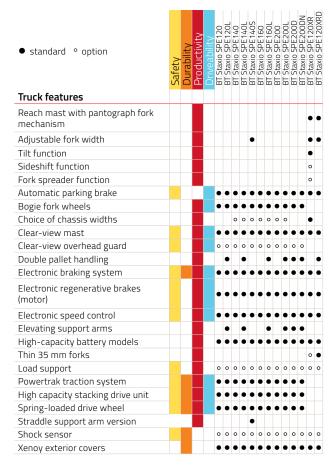
Net protection on the mast for safer load handling



Side guards and E-man steering for comfortable and safe long distance driving



E-bar allows easy mounting of ancillary equipment



Controls and Instruments														
180°+ steering		•	•	•	•	•	•	•	•	•	•	•	•	•
Access Control (PIN codes)		•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic deceleration		•	•	•	•	•	•	•	•	•	•	•	•	•
E-bar			0	0	0	0	0	0	0	0	0	0	0	0
Electronic fingertip controls		•	•	•	•	•	•	•	•	•	•	•	•	•
Emergency collision button		•	•	•	•	•	•	•	•	•	•	•	•	•
Emergency cut-off		•	•	•	•	•	•	•	•	•	•	•	•	•
Hour meter		•	•	•	•	•	•	•	•	•	•	•	•	•
On-board data terminal mount		0	0	0	0	0	0	0	0	0	0	0	0	0
Power/Electronic steering		•	•	•	•	•	•	•	•	•	•	•	•	•
Sensi-lift		•	•	•	•	•	•	•	•	•	•	•	•	•
Temporary speed reduction ('turtle' button)		0	0	0	0	0	0	0	0	0	0	0	0	0

• standard o option Controls and instruments 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

Operator reatures														
Adjustable tiller arm height		0	0	0	0	0	0	0	0	0	0	0	•	•
Configuration dependent tiller arm length				•	•	•	•	•			•	•		
Driver detection system		•	•	•	•	•	•	•	•	•	•	•	•	•
Driver-adapted programmable performance		•	•	•	•	•	•	•	•	•	•	•	•	•
Fixed sideguards				0	0	0	0	0			0	0		
Flip-down driver platform		•	•	•	•	•	•	•	•	•	•	•	•	•
Folding sideguards		0	0	0	0	0	0	0	0	0	0	0		
Rear backrest/guard				0	0	0	0	0			0	0		
Foot safety photocell				0	0	0	0	0			0	0		
One touch safety guards		•	•	•	•	•	•	•	•	•	•	•	•	•
Shrinkwrap holder		0	0	0	0	0	0	0	0	0	0	0	0	0
Storage compartments		•	•	•	•	•	•	•	•	•	•	•	•	•
Writing table		0	0	0	0	0	0	0	0	0	0	0	0	0

Maintenance features

Easy access for maintenance		Г	•	•	•	•	•	•	•	•	•	•	•	•	•
Fault diagnosis facility			•	•	•	•	•	•	•	•	•	•	•	•	•
Historic fault log			•	•	•	•	•	•	•	•	•	•	•	•	•

Battery management features

Battery status indicator			•	•	•	•	•	•	•	•	•	•	•	•	•
Lithium-ion batteries			0	0	0	0	0	0	0	0	0	0	0	0	0
Quick battery locking	П		0	0	0	0	0	0	0	o	0	0	0	0	0
Sideways battery change			0	0	0	0		0	0	0	0	0	0		

Special applications

Coldstore version		0	0	0	0	0	0	0	0	0	0	0	0	0
Corrosive environment version		0	0	0	0	0	0	0	0	0	0	0	0	0
EEx version (ATEX compliant)		0	0	0	0	0	0	0	0	0	0	0	0	0
*Optimised Truck Performance														

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 SPE120XR and SPE120XRD further expand the versatility of the range with moving mast or pantograph based fork carriage. SPE120XRD 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.



TOYOTA BT STAXIO

S-SERIES

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.

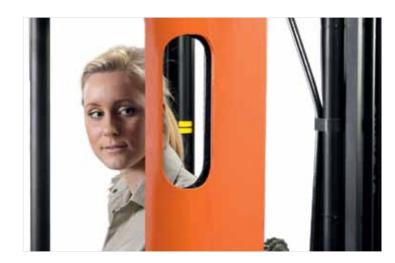
SPECIFICATIONS

Load capacity: 1.35, 1.6 t @ 600 mm load centre

Maximum lift height: 6.3 m

Maximum battery capacity: 620 Ah

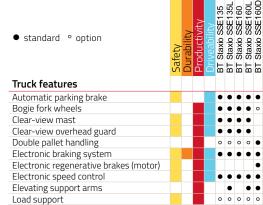
Options available: LSite



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



	•	•	•	•	•
	0	0	0	0	
	•	•	•	•	•
	0	0	0	0	
	•	•	•	•	•
	•	•	•	•	•
	•	•	•	•	•
	0	0	0	0	
					•
	•	•	•	•	•
	0	0	0	0	

Operator Features

- 0 - 11 - 1 - 1							
Adjustable backrest							•
Driver detection system			•	•	•	•	•
Driver-adapted programmable performance							
Low step-in			•	•	•	•	•
Storage compartments			•	•	•	•	•
Writing table			0	0	0	0	

Maintenance features

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

Battery management features

Battery change facility		0	0	0	0	0
Battery status indicator		•	•	•	•	•
Heavy-duty battery compartments		0	0	0	0	
Sideways battery change		•	•	•	•	0

Special applications

Coldstore version		0	0	0	0	0
EEx version (ATEX compliant)						0

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.

Sideways 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, these 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.



TOYOTA BT STAXIO

R-SERIES

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.

SPECIFICATIONS

Load capacity: 1.35, 1.6t @ 600 mm load centre

Maximum lift height: 6.3 m

Maximum battery capacity: 620 Ah

Options available: LSite







Car pedal layout



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

• standard ° option	Safety	Durability	Productivity	Driveability	BT Staxio SRE135	Staxio	BT Staxio SRE160	BT Staxio SRE160L
Truck features					_	_		
Automatic parking brake					•	•	•	•
Bogie fork wheels					•	•	•	•
Clear-view mast					•	•	•	•
Clear-view overhead guard					•	•	•	•
Double pallet handling					0	0	0	0
Electronic speed control					•	•	•	•
Elevating support arms						•		•
Load support					0	0	0	0
Warning beacon					0	0	0	0
Working lights					0	0	0	0

Adjustable BT control console		•	•	•	•
Automatic deceleration		•	•	•	•
E-bar		0	0	0	0
Emergency cut-off		•	•	•	•
Hour meter		•	•	•	•
On-board data terminal mount		0	0	0	0
Parking brake		•	•	•	•
Car pedal layout		•	•	•	•
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	0	0	0	0
Battery status indicator	0	0	0	0
Heavy-duty battery compartments	0	0	0	0
Sideways battery change	•	•	•	•

Special applications

Coldstore version		0	0	0	0
EEx version (ATEX compliant)		0	0	0	0

Sideways 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, these 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.