

# Toyota Electric Counterbalanced Trucks

The Toyota Traigo Range



# Toyota Traigo

the complete range of electric counterbalanced trucks from Toyota Material Handling

**Toyota Traigo 24**  
24-volt 3-wheel truck



Compact design ideal for use in space-restricted areas  
1.0 – 1.5 tonnes load capacities  
Travel speed up to 12.5 km/h  
Battery capacity up to 1000 Ah

Pages 4-5

**Toyota Traigo 48**  
48-volt 3 & 4-wheel truck



Powerful all-round trucks for light to more intense use  
1.5 – 2.0 tonnes load capacities  
Travel speed up to 20 km/h  
Battery capacity up to 750 Ah

Pages 6-9

**Toyota Traigo 80**  
80-volt 4-wheel truck



A tough design to handle heavy loads or multiple pallets safely and quickly  
2.0 – 5.0 tonnes load capacities  
Travel speed up to 20 km/h  
Battery capacity up to 775 Ah

Pages 10-11

**Toyota Traigo HT**  
80-volt 4-wheel truck



Class-leading strong, high performance trucks – perfect for heavy-duty applications  
6.0 – 8.5 tonnes load capacities  
Travel speed up to 16 km/h  
Battery capacity up to 1250 Ah

Pages 12-13



# Toyota Traigo 24

## 24-volt 3-wheel trucks

Toyota Traigo 24 trucks are extremely compact, and are designed for easy operation in the tightest spaces, especially the 1.0 tonne model. Compact yet powerful, these driver-friendly trucks are at home in factories, warehouses and shops – where their size and flexibility make them ideally suited to a wide variety of materials handling applications.

### Toyota SAS

The unique System of Active Stability (SAS) is the world's first active system for controlling forklift stability. By protecting the operator and load when driving, turning and lifting, SAS provides advanced technology increasing safety in the workplace and improving productivity. It includes: SAS Active Mast Tilt Angle Control, SAS Active Mast Tilt Speed Control, SAS Fork Levelling, SAS Active Steering Synchronizer, SAS speed reduction when cornering.

### Visibility

Designed for optimal visibility, Toyota Traigo 24 masts and overhead guards give operators an excellent view of their work environment for safe, confident driving and load handling.

### Choice of hydraulic controls

Toyota Traigo 24 offers three types of load-handling controls: standard driver side levers, and optional electronic mini-levers or multifunction levers integrated into an ergonomic armrest.

### TPS-based reliability

Like all Toyota trucks, Toyota Traigo 24 trucks are built according to the Toyota Production System (TPS), assuring the highest levels of quality, durability and reliability.



● standard ○ option

	Safety	Durability	Productivity	Driveability	7FBEST10	7FBEST13	7FBEST15
<b>Load handling</b>							
Wide Visible Mast (V)	●	○	○	○	○	○	○
Full-free (twin cylinder) 2-stage mast (FW)	○	○	○	○	○	○	○
Full-free (twin cylinder) 3-stage mast (FSW)	○	○	○	○	○	○	○
Shockless landing lift	○	○	○	○	○	○	○
Integrated sideshift	○	○	○	○	○	○	○
<b>Lights and indicators</b>							
Headlights	○	○	○	○	○	○	○
Front combination lights	○	○	○	○	○	○	○
Rear combination lights	○	○	○	○	○	○	○
Rear working light	○	○	○	○	○	○	○
Flashing beacon	○	○	○	○	○	○	○
Back-up buzzer	○	○	○	○	○	○	○
<b>Body</b>							
Low and large step on both sides + large hand grip	○	○	○	○	○	○	○
Full hydraulic power steering inc. Steering synchroniser	○	○	○	○	○	○	○
Digital multifunction display with wheel indicator	○	○	○	○	○	○	○
Adjustable steering column	○	○	○	○	○	○	○
Rear view mirror (right and left side)	○	○	○	○	○	○	○
Panoramic rear view mirror	○	○	○	○	○	○	○
Fabric seat (Grammer MSG20)	○	○	○	○	○	○	○
PVC seat (Grammer MSG20)	○	○	○	○	○	○	○
Toyota ORS seat (Operator Restraint System) (vinyl)	○	○	○	○	○	○	○
Fabric ORS seat	○	○	○	○	○	○	○
Left hand shift lever	○	○	○	○	○	○	○
Car pedal layout	○	○	○	○	○	○	○
D2 pedal	○	○	○	○	○	○	○
Double accel pedal	○	○	○	○	○	○	○
Driver side levers with direction switch	○	○	○	○	○	○	○
Seat mounted hydraulic minilevers inc. Fork levelling switch	○	○	○	○	○	○	○
Seat mounted Multifunction Lever inc. Fork levelling switch	○	○	○	○	○	○	○
Plastic top panel	○	○	○	○	○	○	○
Front windshield and roof	○	○	○	○	○	○	○
Cabin w/o doors	○	○	○	○	○	○	○
Canvas cabin	○	○	○	○	○	○	○
Steel cabin	○	○	○	○	○	○	○
Sunvisor	○	○	○	○	○	○	○
Mast tilt indicator	○	○	○	○	○	○	○
Max speed and acceleration reduction with lifted load	○	○	○	○	○	○	○
<b>Safety features</b>							
Toyota SAS (System of Active Stability)	○	○	○	○	○	○	○
Operator Presence Sensing System (OPS)	○	○	○	○	○	○	○
Emergency button	○	○	○	○	○	○	○
Low speed setting (turtle)	○	○	○	○	○	○	○
<b>Tyres</b>							
Pneumatic shaped cushion tyres	○	○	○	○	○	○	○
Pneumatic tyre	○	○	○	○	○	○	○
Cushion tyre	○	○	○	○	○	○	○
Non-marking pneumatic shaped cushion tyre	○	○	○	○	○	○	○
Non-marking cushion tyre	○	○	○	○	○	○	○
<b>Maintenance features</b>							
Rugged exterior body and easy access for maintenance	○	○	○	○	○	○	○
Maintenance hour meter	○	○	○	○	○	○	○
TWIS fleet management system	○	○	○	○	○	○	○
<b>Battery management features</b>							
Battery lift-out	○	○	○	○	○	○	○
Battery fork pockets	○	○	○	○	○	○	○
Battery roll-out	○	○	○	○	○	○	○
<b>Special applications</b>							
Coldstore specification (-25°C)	○	○	○	○	○	○	○
Low overhead guard (1980 mm)	○	○	○	○	○	○	○
High overhead guard (2150 mm)	○	○	○	○	○	○	○



- The clear-view mast gives operators an excellent view to the load and working environment
- Low step-in height makes it easy for any driver to access the truck
- Mini-levers in the armrest offer smooth, fingertip control of lift, lower, tilt and side-shift functions
- Standard low lift-out battery extraction. Built-in rollerbed for fast changes optional

Load capacity: 1.0, 1.25, 1.5 t  
@ 500 mm load centre  
Maximum lift height: 6.5 m  
Maximum battery capacity: 1000 Ah







# Toyota Traigo 48

## 48-volt 3-wheel trucks

Manoeuvrability is key to the design of the Traigo 48, allowing easy use in the tightest situations, for maximum productivity. The 3-wheel chassis is particularly agile, with a very competitive aisle width dimension. This means that Traigo 48 is as effective working inside within pallet racking as it is working outside in the yard or in a loading bay.

### Toyota SAS

The unique System of Active Stability (SAS) is the world's first active system for controlling forklift stability. By protecting the operator and load when driving, turning and lifting, SAS provides advanced technology increasing safety in the workplace and improving productivity. It includes: SAS Active Mast Tilt Angle Control, SAS Active Mast Tilt Speed Control, SAS Fork Levelling, SAS Active Steering Synchronizer, SAS speed reduction when cornering.

### Easy driver interface

The multifunction display, which is easy to see and reach, gives key information at a glance. It also allows for parameter setting to suit driver or application needs, as well as providing fault diagnosis. The driver has the benefit of a fully adjustable Operator Restraint System (ORS) with side-wings and lumbar support, along with an adjustable steering column. The steering column itself is very slim, for maximum legroom.

### Adaptable versatility

Toyota Traigo 48 models can be specified with a range of options to increase versatility.

**Mast choice:** Traigo 48 offers a wide range of masts and lift heights to suit your operation and to ensure operator visibility – 2-stage or 3-stage, central free lift cylinder or split side cylinders.

**Battery change choice:** For multiple shift operation, Traigo 48 offers two sideways battery extraction options – fork pockets under the battery allowing fast battery change using a forklift truck, or built-in rollerbed.

**Cabin choice:** There are different cab options to suit all weather conditions.

### TPS-based reliability

Like all Toyota trucks, Toyota Traigo 48 trucks are built according to the Toyota Production System (TPS), assuring the highest levels of quality, durability and reliability.

● standard ○ option ✦ available as part of plus package

	Safety	Durability	Productivity	Driveability	8FBET15	8FBET16	8FBET16	8FBET18	8FBET18	8FBET20
<b>Load handling</b>										
Wide Visible Mast (V)	●				●	●	●	●	●	●
Full-free (twin cylinder) 2-stage mast (FW)					○	○	○	○	○	○
Full-free (twin cylinder) 3-stage mast (FSW)					○	○	○	○	○	○
Full-free (central cylinder) 2-stage mast (FV)					○	○	○	○	○	○
Full-free (central cylinder) 3-stage mast (FSV)					○	○	○	○	○	○
Fully oil-charged lift cylinder			✦		○	○	○	○	○	○
Shockless landing lift			✦		○	○	○	○	○	○
Hydraulic cushioned forks					○	○	○	○	○	○
Integrated sideshift					○	○	○	○	○	○
<b>Lights and indicators</b>										
Front combination lights					○	○	○	○	○	○
Rear combination lights					○	○	○	○	○	○
Headlights					○	○	○	○	○	○
Rear working light					○	○	○	○	○	○
Double rear working light					○	○	○	○	○	○
Yellow beacon					○	○	○	○	○	○
Back-up buzzer					○	○	○	○	○	○
Horn in steering wheel					●	●	●	●	●	●
Horn in armrest					○	○	○	○	○	○
<b>Body</b>										
Low and large step on both sides + large hand grip					●	●	●	●	●	●
Full hydraulic power steering inc. Steering synchroniser					●	●	●	●	●	●
Digital multifunction display with wheel indicator					○	○	○	○	○	○
Digital multifunction display (Deluxe)					○	○	○	○	○	○
Mast tilt indicator					○	○	○	○	○	○
Load weight indicator					○	○	○	○	○	○
Adjustable tilt steering column with memory function					○	○	○	○	○	○
Wet disk brakes					○	○	○	○	○	○
Rear view mirror, left and right side					○	○	○	○	○	○
Flat internal rear view mirror					○	○	○	○	○	○
Panoramic rear view mirror					○	○	○	○	○	○
Seat mounted hydraulic minilevers inc. Fork levelling switch					○	○	○	○	○	○
Seat mounted Multifunction Lever inc. Fork levelling switch					○	○	○	○	○	○
Direction switch on armrest					○	○	○	○	○	○
Left hand shift lever					○	○	○	○	○	○
Car pedal layout					○	○	○	○	○	○
D2 pedal					○	○	○	○	○	○
Double accel pedal					○	○	○	○	○	○
Wide brake pedal					○	○	○	○	○	○
Toyota ORS seat (Operator Restrain System) (vinyl)					○	○	○	○	○	○
Fabric ORS seat					○	○	○	○	○	○
Swivel seat					○	○	○	○	○	○
Shock sensor					○	○	○	○	○	○
Height selector					○	○	○	○	○	○
Max speed and acceleration reduction with lifted load					○	○	○	○	○	○
PIN code entry system					○	○	○	○	○	○
Heater					○	○	○	○	○	○
Tilt cylinder boots					○	○	○	○	○	○
Comfort cabin					○	○	○	○	○	○
Steel cabin					○	○	○	○	○	○
Canvas cabin					○	○	○	○	○	○
Cabin without doors					○	○	○	○	○	○
Front windshield and roof					○	○	○	○	○	○
Body guard					○	○	○	○	○	○
Rear assist grip with horn					○	○	○	○	○	○
A4 size binder					○	○	○	○	○	○
<b>Safety features</b>										
Toyota SAS (System of Active Stability)					○	○	○	○	○	○
Operator Presence Sensing System (OPS)					○	○	○	○	○	○
Emergency stop button in armrest					○	○	○	○	○	○
<b>Maintenance &amp; management features</b>										
Rugged exterior body and easy access for maintenance					○	○	○	○	○	○
TWIS fleet management system					○	○	○	○	○	○
<b>Battery management features</b>										
Battery lift-out					○	○	○	○	○	○
Battery low lift-out					○	○	○	○	○	○
Battery roll-out					○	○	○	○	○	○
Battery side-out for fork pockets					○	○	○	○	○	○
<b>Special applications</b>										
Cold storage model (TYPE 35S)					○	○	○	○	○	○
Rustproof model					○	○	○	○	○	○
Fisherman model					○	○	○	○	○	○
Drive in rack overhead guard					○	○	○	○	○	○
High overhead guard					○	○	○	○	○	○
Low overhead guard					○	○	○	○	○	○



- Different pedal layouts to suit driver preference (Double pedal layout option shown)
- Rear-assist grip enhances reverse travel comfort and productivity by reducing operator back strain. Optional swivel seat aids comfort reversing and getting in and out
- Battery side extraction with fork pockets (shown) or built-in rollerbed
- The clear-view mast provides optimal visibility when driving, loading and unloading

Load capacity: 1.5, 1.6, 1.8, 2.0 t  
@ 500 mm load centre  
Maximum lift height: 7.5 m  
Maximum battery capacity: 750 Ah







# Toyota Traigo 48

## 48-volt 4-wheel trucks

Versatile, high performance and powerful trucks, with travel speed up to 20km/h, high acceleration and lift/lower speeds. The 4-wheel design gives high-level stability and is ideal for work on uneven surfaces. Suitable for indoor and outdoor work.

### Toyota SAS

The unique System of Active Stability (SAS) is the world's first active system for controlling forklift stability. By protecting the operator and load when driving, turning and lifting, SAS provides advanced technology increasing safety in the workplace and improving productivity. It includes: SAS Active Mast Tilt Angle Control, SAS Active Mast Tilt Speed Control, SAS Fork Levelling, SAS Active Steering Synchronizer, SAS Swing Lock Cylinder.

### Easy driver interface

The multifunction display, which is easy to see and reach, gives key information at a glance. It also allows for parameter setting to suit driver or application needs, as well as providing fault diagnosis. The driver has the benefit of a fully adjustable Operator Restraint System (ORS) with side-wings and lumbar support, along with an adjustable steering column. The steering column itself is very slim, for maximum legroom.

### Adaptable versatility

Toyota Traigo 48 models can be specified with a range of options to increase versatility.

**Mast choice:** Traigo 48 offers a wide range of masts and lift heights to suit your operation and to ensure operator visibility – 2-stage or 3-stage, central free lift cylinder or split side cylinders.

**Battery change choice:** For multiple shift operation, Traigo 48 offers two sideways battery extraction options – fork pockets under the battery allowing fast battery change using a forklift truck, or built-in rollerbed.

**Cabin choice:** There are different cab options to suit all weather conditions.

### TPS-based reliability

Like all Toyota trucks, Toyota Traigo 48 trucks are built according to the Toyota Production System (TPS), assuring the highest levels of quality, durability and reliability.

● standard ○ option ⚙️ available as part of plus package

	Safety	Durability	Productivity	Driveability	8FBMT15	8FBMT16	8FBMT18	8FBMT20
<b>Load handling</b>								
Wide Visible Mast (V)	●							
Full-free (twin cylinder) 2-stage mast (FW)					●	●	●	●
Full-free (twin cylinder) 3-stage mast (FSW)					○	○	○	○
Full-free (central cylinder) 2-stage mast (FV)					○	○	○	○
Full-free (central cylinder) 3-stage mast (FSV)					○	○	○	○
Fully oil-charged lift cylinder			⚙️		○	○	○	○
Shockless landing lift			⚙️		○	○	○	○
Hydraulic cushioned forks			⚙️		○	○	○	○
Integrated sideshift			⚙️		○	○	○	○
<b>Lights and indicators</b>								
Front combination lights					○	○	○	○
Rear combination lights					○	○	○	○
Headlights					○	○	○	○
Rear working light					○	○	○	○
Double rear working light					○	○	○	○
Yellow beacon					○	○	○	○
Back-up buzzer					○	○	○	○
Horn in steering wheel					○	○	○	○
Horn in armrest					○	○	○	○
<b>Body</b>								
Low and large metal step on both sides + large hand grip			⚙️		○	○	○	○
Full hydraulic power steering inc. Steering synchroniser			⚙️		○	○	○	○
Digital multifunction display with wheel indicator			⚙️		○	○	○	○
Digital multifunction display (Deluxe)			⚙️		○	○	○	○
Mast tilt indicator			⚙️		○	○	○	○
Load weight indicator			⚙️		○	○	○	○
Adjustable tilt steering column with memory function			⚙️		○	○	○	○
Wet disk brakes			⚙️		○	○	○	○
Rear view mirror, left and right side					○	○	○	○
Flat internal rear view mirror					○	○	○	○
Panoramic rear view mirror					○	○	○	○
Seat mounted hydraulic minilevers inc. Fork levelling switch			⚙️		○	○	○	○
Seat mounted Multifunction Lever inc. Fork levelling switch			⚙️		○	○	○	○
Direction switch on armrest					○	○	○	○
Left hand shift lever					○	○	○	○
Car pedal layout					○	○	○	○
D2 pedal					○	○	○	○
Double accel pedal					○	○	○	○
Wide brake pedal					○	○	○	○
Toyota ORS seat (Operator Restrain System) (vinyl)			⚙️		○	○	○	○
Fabric ORS seat					○	○	○	○
Swivel seat					○	○	○	○
Shock sensor			⚙️		○	○	○	○
Height selector					○	○	○	○
Max speed and acceleration reduction with lifted load			⚙️		○	○	○	○
PIN code entry system					○	○	○	○
Heater					○	○	○	○
Tilt cylinder boots					○	○	○	○
Comfort cabin					○	○	○	○
Steel cabin					○	○	○	○
Canvas cabin					○	○	○	○
Cabin without doors					○	○	○	○
Front windshield and roof					○	○	○	○
Body guard					○	○	○	○
Rear assist grip with horn			⚙️		○	○	○	○
A4 size binder					○	○	○	○
<b>Safety features</b>								
Toyota SAS (System of Active Stability)			⚙️		○	○	○	○
Operator Presence Sensing System (OPS)					○	○	○	○
Emergency stop button in armrest			⚙️		○	○	○	○
<b>Maintenance &amp; management features</b>								
Rugged exterior body and easy access for maintenance			⚙️		○	○	○	○
TWIS fleet management system			⚙️		○	○	○	○
<b>Battery management features</b>								
Battery lift-out					○	○	○	○
Battery low lift-out					○	○	○	○
Battery roll-out					○	○	○	○
Battery side-out for fork pockets					○	○	○	○
<b>Special applications</b>								
Cold storage model (TYPE 35S)			⚙️		○	○	○	○
Rustproof model					○	○	○	○
Fisherman model					○	○	○	○
Drive in rack overhead guard					○	○	○	○
High overhead guard					○	○	○	○
Low overhead guard					○	○	○	○

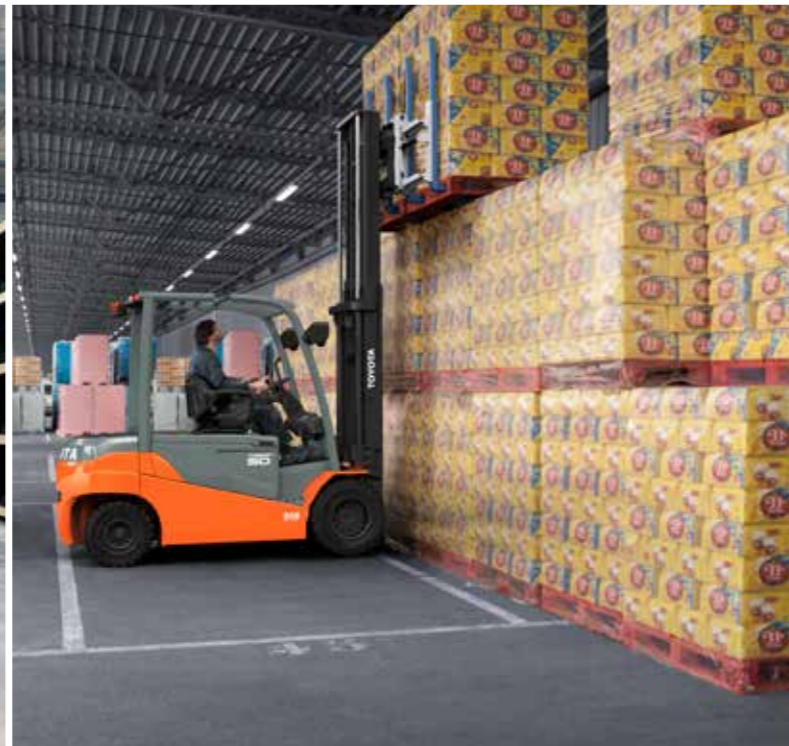


- Fully adjustable Operator Restraint System (ORS) with side-wings and lumbar support
- To help prevent overloading, the multifunction display with optional weight indicator shows the load weight
- Battery mounted on optional rollerbed for easy extraction. Alternatively, fork pockets allow another forklift to remove the battery
- Visibility FV mast provides a clear view at all angles

Load capacity: 1.5, 1.6, 1.8, 2.0 t @ 500 mm load centre  
 Maximum lift height: 7.5 m  
 Maximum battery capacity: 750 Ah







● standard ○ option ✦ available as part of plus package

	Safety	Durability	Productivity	Driveability	8FBMT20	8FBMT25	8FBMT30	8FBMT35	8FBMT40	8FBMT45	8FBMT50
<b>Load handling</b>											
Wide visible mast (V)	●	○	○	○	○	○	○	○	○	○	○
Full-free (twin cylinder) 2-stage mast (FW)	○	○	○	○	○	○	○	○	○	○	○
Full-free (twin cylinder) 3-stage mast (FSW)	○	○	○	○	○	○	○	○	○	○	○
Full-free (central cylinder) 2-stage mast (FV)	○	○	○	○	○	○	○	○	○	○	○
Full-free (central cylinder) 3-stage mast (FSV)	○	○	○	○	○	○	○	○	○	○	○
Fully oil-charged lift cylinder	○	○	○	○	○	○	○	○	○	○	○
Shockless landing lift	○	○	○	○	○	○	○	○	○	○	○
Hydraulic cushioned forks	○	○	○	○	○	○	○	○	○	○	○
Hydraulic accumulator (full charge)	○	○	○	○	○	○	○	○	○	○	○
Integrated sideshift	○	○	○	○	○	○	○	○	○	○	○
Hook-on sideshift	○	○	○	○	○	○	○	○	○	○	○
ELM Forkpositioner	○	○	○	○	○	○	○	○	○	○	○
<b>Lights and indicators</b>											
Front combination lights (STD / LED)	○	○	○	○	○	○	○	○	○	○	○
Rear combination lights (STD / LED)	○	○	○	○	○	○	○	○	○	○	○
Headlights (STD / LED)	○	○	○	○	○	○	○	○	○	○	○
Rear working light (STD / LED)	○	○	○	○	○	○	○	○	○	○	○
Double rear working light (STD / LED)	○	○	○	○	○	○	○	○	○	○	○
Yellow beacon	○	○	○	○	○	○	○	○	○	○	○
Back-up buzzer	○	○	○	○	○	○	○	○	○	○	○
Horn in steering wheel	○	○	○	○	○	○	○	○	○	○	○
Horn in armrest	○	○	○	○	○	○	○	○	○	○	○
<b>Body</b>											
Low and large metal step on both sides + large hand grip	○	○	○	○	○	○	○	○	○	○	○
Full hydraulic power steering inc. Steering synchroniser	○	○	○	○	○	○	○	○	○	○	○
Digital multifunction display with wheel indicator	○	○	○	○	○	○	○	○	○	○	○
Digital multifunction display (Deluxe)	○	○	○	○	○	○	○	○	○	○	○
Mast tilt indicator	○	○	○	○	○	○	○	○	○	○	○
Load weight indicator	○	○	○	○	○	○	○	○	○	○	○
Adjustable tilt steering column with memory function	○	○	○	○	○	○	○	○	○	○	○
Wet disk brakes	○	○	○	○	○	○	○	○	○	○	○
Rear view mirrors	○	○	○	○	○	○	○	○	○	○	○
Flat internal rear view mirror	○	○	○	○	○	○	○	○	○	○	○
Panoramic rear view mirror	○	○	○	○	○	○	○	○	○	○	○
Seat mounted hydraulic minilevers inc. Fork levelling switch	○	○	○	○	○	○	○	○	○	○	○
Seat mounted Multifunction Lever inc. Fork levelling switch	○	○	○	○	○	○	○	○	○	○	○
Left hand shift lever	○	○	○	○	○	○	○	○	○	○	○
Car pedal layout	○	○	○	○	○	○	○	○	○	○	○
D2 pedal	○	○	○	○	○	○	○	○	○	○	○
Double accel pedal	○	○	○	○	○	○	○	○	○	○	○
Toyota ORS seat (Operator Restrain System)	○	○	○	○	○	○	○	○	○	○	○
Fully adjustable fabric ORS seat	○	○	○	○	○	○	○	○	○	○	○
Swivel seat	○	○	○	○	○	○	○	○	○	○	○
Shock sensor	○	○	○	○	○	○	○	○	○	○	○
Height selector	○	○	○	○	○	○	○	○	○	○	○
Max speed and acceleration reduction with lifted load	○	○	○	○	○	○	○	○	○	○	○
Pin code entry system	○	○	○	○	○	○	○	○	○	○	○
Automatic Parking Brake	○	○	○	○	○	○	○	○	○	○	○
Heater	○	○	○	○	○	○	○	○	○	○	○
Tilt cylinder boots	○	○	○	○	○	○	○	○	○	○	○
Comfort cabin	○	○	○	○	○	○	○	○	○	○	○
Steel cabin	○	○	○	○	○	○	○	○	○	○	○
Cabin without doors	○	○	○	○	○	○	○	○	○	○	○
Canvas cabin	○	○	○	○	○	○	○	○	○	○	○
Front windshield with wiper & roof	○	○	○	○	○	○	○	○	○	○	○
Body guard	○	○	○	○	○	○	○	○	○	○	○
Rear assist grip with horn button	○	○	○	○	○	○	○	○	○	○	○
A4 size binder	○	○	○	○	○	○	○	○	○	○	○
Drive unit protector	○	○	○	○	○	○	○	○	○	○	○
<b>Safety features</b>											
Toyota SAS (System of Active Stability)	○	○	○	○	○	○	○	○	○	○	○
Operator Presence Sensing System (OPS)	○	○	○	○	○	○	○	○	○	○	○
Speed reduction when cornering	○	○	○	○	○	○	○	○	○	○	○
Emergency stop button in armrest	○	○	○	○	○	○	○	○	○	○	○
<b>Maintenance &amp; management features</b>											
Rugged exterior body and easy access for maintenance	○	○	○	○	○	○	○	○	○	○	○
TWIS fleet management system	○	○	○	○	○	○	○	○	○	○	○
<b>Battery management features</b>											
Battery lift-out	○	○	○	○	○	○	○	○	○	○	○
Battery low lift-out	○	○	○	○	○	○	○	○	○	○	○
Battery roll-out	○	○	○	○	○	○	○	○	○	○	○
Battery side-out for fork pockets	○	○	○	○	○	○	○	○	○	○	○
<b>Special applications</b>											
Cold storage (Type 28S)	○	○	○	○	○	○	○	○	○	○	○
Rustproof version	○	○	○	○	○	○	○	○	○	○	○
Fisherman specifications	○	○	○	○	○	○	○	○	○	○	○
High overhead guard	○	○	○	○	○	○	○	○	○	○	○

# Toyota Traigo 80

## 80-volt 4-wheel trucks

The combination of exceptional levels of performance with extremely low energy consumption means the Toyota Traigo 80 can work efficiently in the most intensive, demanding applications – indoor operations such as pallet racking or outdoors in a yard or a loading bay, with lift capacities from 2.0 up to 5.0 tonnes.

### Toyota SAS

The unique System of Active Stability (SAS) is the world's first active system for controlling forklift stability. By protecting the operator and load when driving, turning and lifting, SAS provides advanced technology increasing safety in the workplace and improving productivity. It includes: SAS Active Mast Tilt Angle Control, SAS Active Mast Tilt Speed Control, SAS Fork Levelling, SAS Active Steering Synchronizer, SAS Swing Lock Cylinder.

### Easy driver interface

The multifunction display, which is easy to see and reach, gives key information at a glance. It also allows for parameter setting to suit driver or application needs, as well as providing fault diagnosis. The driver has the benefit of a fully adjustable Operator Restrain System (ORS) with side-wings and lumbar support, along with an adjustable steering column. The steering column itself is very slim, for maximum legroom.

### Exceptional energy efficiency

The Toyota Traigo 80 sets the industry benchmark for energy efficiency which, combined with a choice of high capacity batteries, means that long working shifts can be delivered without the need for battery change.

### Wet disc brakes

The Traigo 80's braking system is regenerative, and the wet disc brakes are oil-immersed and virtually maintenance-free.

### TPS-based reliability

Like all Toyota trucks, Toyota Traigo 80 trucks are built according to the Toyota Production System (TPS), assuring the highest levels of quality, durability and reliability.



- Three modes give different balances between performance and efficiency: S (standard) / P (power) / H (high)
- Lift height presetting saves time and effort for the driver
- Cabin options provide weather protection, increased comfort and enhanced safety
- Powerful and efficient LED working lights allow work to continue in unlit areas or at night

Load capacity: 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0\* t  
 @ 500 mm load centre (\* 600 mm)  
 Maximum lift height: 6.5 m  
 Maximum battery capacity: 775 Ah





# Toyota Traigo HT

## 80-volt 4-wheel trucks

Toyota Traigo HT is the class-leading high-performance and high-capacity truck for heavy-duty work, offering a quiet, efficient and powerful electric alternative to high capacity IC trucks. Its tough design is suited to multi-load handling and large attachments. Typical applications include manufacturing, construction materials, and the paper and beverage industries.

### Toyota SAS

The unique System of Active Stability (SAS) is the world's first active system for controlling forklift stability. By protecting the operator and load when driving, turning and lifting, SAS provides advanced technology increasing safety in the workplace and improving productivity. It includes: SAS Active Mast Tilt Angle Control, SAS Active Mast Tilt Speed Control, SAS Fork Levelling, SAS Active Steering Synchroniser, SAS Swing Lock Cylinder.

### Unique chassis design

The design of the truck is based on two batteries - with one under the seat and the other in the counterweight - instead of one larger unit, allowing the truck to have a compact chassis with up to 8.5 tonne capacity. This also allows the driver's compartment to be kept spacious resulting in high manoeuvrability and comfort.

### TPS-based reliability

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



● standard ○ option

	Safety	Durability	Productivity	Driveability	8FBMHT60	8FBMHT70	8FBMHT85
<b>Load handling</b>							
Wide Visible mast (V)	●				○	○	○
Full-free (twin cylinder) 2-stage mast (FW)					○	○	○
Full-free (twin cylinder) 3-stage mast (FSW)					○	○	○
Shockless landing lift					○	○	○
Integrated sideshift					○	○	○
Fork positioner					○	○	○
<b>Lights and indicators</b>							
Yellow beacon					○	○	○
Front combination lights					○	○	○
Rear combination lights					○	○	○
Headlights					○	○	○
Rear working light					○	○	○
Double rear working light					○	○	○
Back-up buzzer					○	○	○
Mast tilt indicator					○	○	○
<b>Body</b>							
Low and large metal step on both sides + large hand grip					○	○	○
Wet disk brakes					○	○	○
Full hydraulic power steering inc. Steering synchroniser					○	○	○
Digital multifunction display with wheel indicator					○	○	○
External rear view mirrors					○	○	○
Flat internal rear view mirror					○	○	○
Panoramic rear view mirror					○	○	○
Max speed and acceleration reduction with lifted load					○	○	○
Steel cabin without heater					○	○	○
Cabin without doors					○	○	○
Canvas cabin					○	○	○
Front windshield with wiper and glass roof					○	○	○
Top panel					○	○	○
Heating system					○	○	○
Seat mounted hydraulic minilevers inc. Fork levelling switch					○	○	○
Seat mounted Multifunction Lever inc. Fork levelling switch					○	○	○
Left hand shift lever					○	○	○
Car pedal layout					○	○	○
D2 pedal					○	○	○
Toyota ORS (Operator Restrain System)					○	○	○
Fully adjustable fabric ORS seat					○	○	○
<b>Safety features</b>							
Toyota SAS (System of Active Stability)					○	○	○
Operator Presence Sensing System (OPS)					○	○	○
<b>Maintenance features</b>							
Rugged exterior body and easy access for maintenance					○	○	○
Maintenance hour meter					○	○	○
TWIS fleet management system					○	○	○
<b>Tyres</b>							
Pneumatic shaped cushion tyres					○	○	○
Pneumatic tyres					○	○	○
Non marking PSC tyres					○	○	○
Anti static PSC tyres					○	○	○
Cushion tyres					○	○	○
Non marking Cushion tyres					○	○	○



- Enclosed cabins are available to suit different applications
- The low and wide steps and large driver assist grip ensure operator fatigue is minimised in applications that require repeatedly getting in and out of the truck
- Integrated fork positioner
- Choice of hydraulic controls between standard minilevers and optional multifunction levers (pictured)

Load capacity: 6.0, 7.0, 8.5 t  
@ 600 mm load centre  
Maximum lift height: 6.5 m  
Maximum battery capacity: 1250 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](http://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.