

Toyota Electric Counterbalanced Trucks

Toyota Traigo 80



TOYOTA

TOYOTA MATERIAL HANDLING INTERNATIONAL

Toyota Traigo 80

80-VOLT 4-WHEEL TRUCK



A tough design to handle heavy loads or multiple pallets safely and quickly

3.5 – 5.0 TONNES LOAD CAPACITIES
TRAVEL SPEED UP TO 20 KM/H
BATTERY CAPACITY UP TO 775 AH

P. 3-5

Toyota Traigo 80

HIGH-CAPACITY 80-VOLT 4-WHEEL TRUCK



Class-leading strong, high-performance trucks – perfect for heavy-duty applications

6.0 – 8.0 TONNES LOAD CAPACITIES
TRAVEL SPEED UP TO 20 KM/H
BATTERY CAPACITY UP TO 1240 AH

P. 6-9

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TRAIKO 80

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 3.5 up to 5.0 tonnes.


SPECIFICATIONS

Load capacity: 3.5, 4.0, 4.5 t @ 500 mm load centre
5.0 t @ 600 mm load centre

Maximum lift height: 6.5 m

Maximum travel speed: 20 km/h

Maximum battery capacity: 775 Ah (3.5t), 930 Ah (4.0-5.0t)

Options available: [L_Site](#) 

SAS





Minilevers in the armrest are intuitive and easy to use.



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.

● standard ○ option ✦ Available as part of Plus Package

Load handling

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
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					○	○	○	○
Fork positioner					○	○	○	○

Lights and indicators

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
Front combination lights (LED)		●			○	○	○	○
Rear combination lights (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	✦				○	○	○	○

Body

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
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, left and right side					○	○	○	○
Flat / Panoramic internal 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				●	○	○	○	○

● standard ○ option

Body

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
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		✦			○	○	○	○

Safety features

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
Toyota SAS (System of Active Stability)		●			●	●	●	●
Operator Presence Sensing System (OPS)					○	○	○	○
Speed reduction when cornering		✦			○	○	○	○
Emergency stop button in armrest					●	●	●	●

Maintenance & management features

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
Rugged exterior body and easy access for maintenance		●			●	●	●	●
I-site fleet management system			●		○	○	○	○

Battery management features

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
Battery lift-out			●		●	●	●	●
Battery low lift-out					○	○	○	○
Battery slide-out					○	○	○	○
Battery side-out for fork pockets					○	○	○	○

Special applications

	Safety	Durability	Productivity	Driveability	8FBMT35	8FBMT40	8FBMT45	8FBMT50
Cold storage (Type 30S)		●			○	○	○	○
Rustproof version			●		○	○	○	○
Fisherman specifications					○	○	○	○
High overhead guard				●	○	○	○	○

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.

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.

Exceptional energy efficiency

The 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, assuring the highest levels of quality, durability and reliability.



TOYOTA

TRAIGO 80 6.0-8.0t

Toyota Traigo 80 is the class-leading high-performance and high-capacity truck for heavy-duty work, offering a quiet, efficient and powerful electric alternative to IC trucks. Its tough design is suited for multi-load handling and large attachments. Typical applications include manufacturing, construction materials, and the paper and beverage industries.

SPECIFICATIONS

Load capacity: 6.0, 7.0, 8.0 t @ 600 mm load centre - 8.0 t @ 900 mm load centre

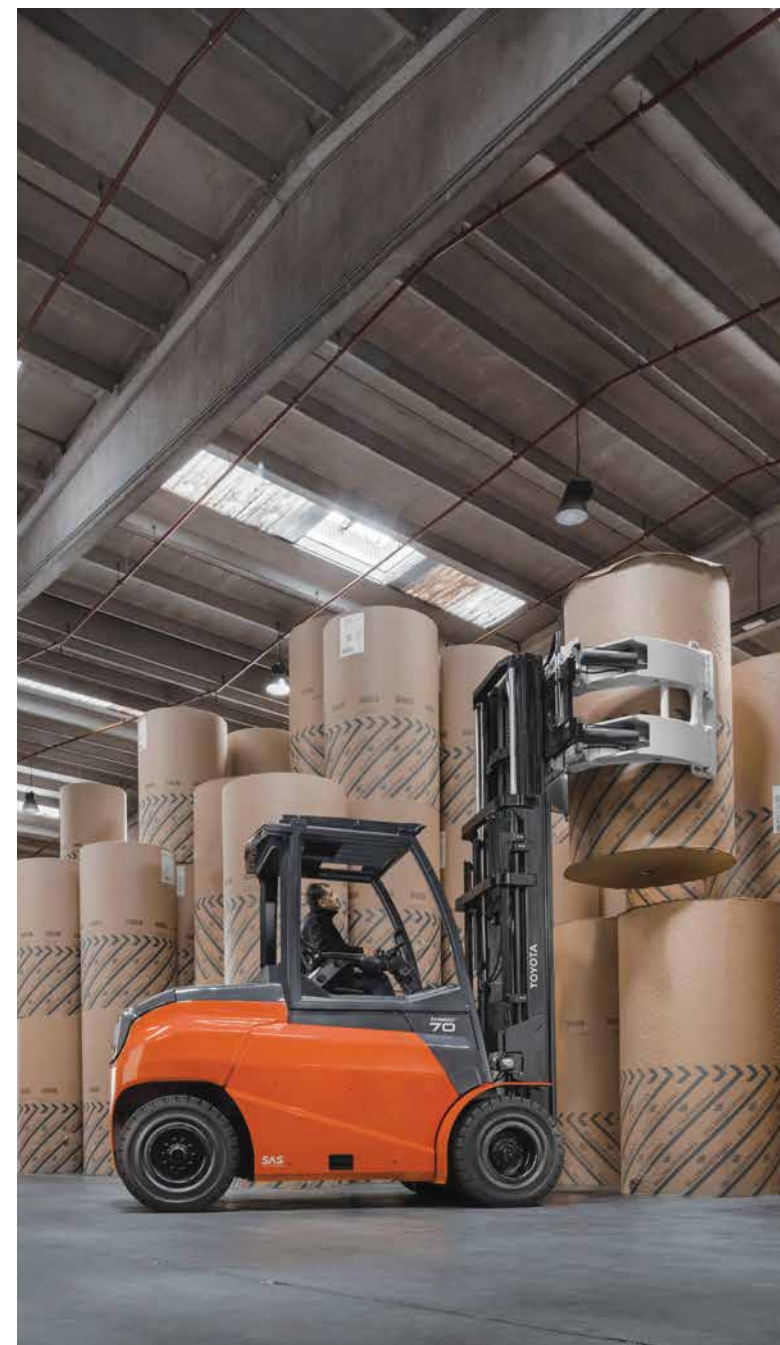
Maximum lift height: 7 m

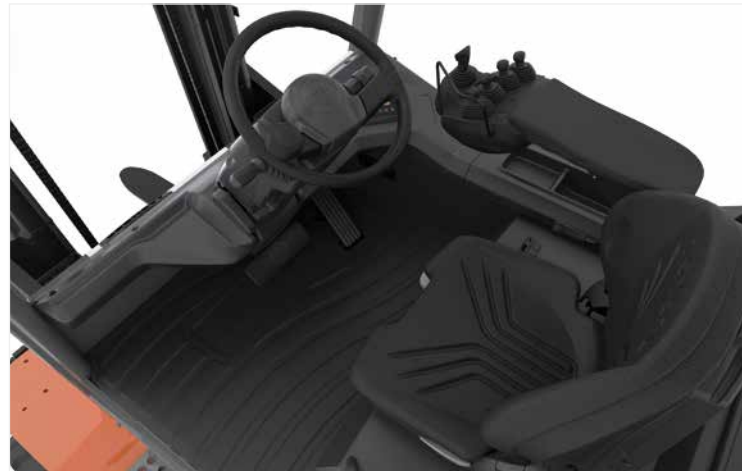
Maximum travel speed: 20 km/h

Maximum battery capacity: 1240 Ah

Options available: I_Site 

SAS





The spacious full floating driver compartment with minimal vibration and low noise offers the driver a comfortable work space.



Large entry window with wide steps and double driver assist grips ensure fatigue is minimised in applications that require repeatedly getting in and out.



Easy access to main service components.



Open chassis design with side panel facilitates lateral battery exchange.

● standard ◦ option

Load handling

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
Wide Visible mast (V)	●			●	●	●	●	●
Full-Free Lift Two-Stage Mast (FV)				●	◦	◦	◦	◦
Full-Free Lift Three-Stage Mast (FSV)				●	◦	◦	◦	◦
Shockless landing lift		●	●	●	●	●	●	●
Fully oil charged lift cylinder		●			◦	◦	◦	◦
Hydraulic accumulator (full charge)			●	●	◦	◦	◦	◦
Hooked-on sideshift			●	●	◦	◦	◦	◦
Integrated sideshift			●	●	◦	◦	◦	◦
Fork positioner			●	●	◦	◦	◦	◦
Quick couplings			●	●	◦	◦	◦	◦

Lights and indicators

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
Front combination lights (LED)	●			●	◦	◦	◦	◦
Rear combination lights (LED)				●	◦	◦	◦	◦
Headlights (LED)	●			●	◦	◦	◦	◦
Rear (double) working light (LED)				●	◦	◦	◦	◦
Yellow beacon (Flashing, Rotary)				●	◦	◦	◦	◦
Blue LED rear warning light				●	◦	◦	◦	◦
Back-up buzzer	●				◦	◦	◦	◦
Horn in steering wheel				●	●	●	●	●
Horn in armrest	●			●	◦	◦	◦	◦

Body

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
Large steps on left side - large double hand grips	●	●	●	●	●	●	●	●
Electric power steering incl. Steering synchroniser		●	●	●	●	●	●	●
Wet disk brakes		●	●	●	●	●	●	●
Automatic parking brake		●	●	●	●	●	●	●
Digital multifunction display with wheel indicator		●	●	●	●	●	●	●
Digital multifunction display Deluxe		●	●		◦	◦	◦	◦
Mast tilt indicator				●	◦	◦	◦	◦
Load weight indicator				●	◦	◦	◦	◦
Rear view mirrors, left and right side				●	◦	◦	◦	◦
Flat / Panoramic internal rear view mirror				●	◦	◦	◦	◦
Steel cabin				●	◦	◦	◦	◦
Cabin without doors				●	◦	◦	◦	◦
Front windshield with wiper & glass roof				●	◦	◦	◦	◦
Body guard				●	◦	◦	◦	◦
Heater				●	◦	◦	◦	◦
Seat mounted hydraulic minilevers inc. Fork levelling switch	●	●	●	●	●	●	●	●
Seat mounted Multifunction Lever inc. Fork levelling switch	●	●	●	●	◦	◦	◦	◦
Seat mounted Multifunction Joystick				●	◦	◦	◦	◦
Left hand shift lever				●	◦	◦	◦	◦
Car pedal layout with wide brake pedal			●	●	●	●	●	●

● standard ◦ option

Body

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
D2 pedal				●	◦	◦	◦	◦
Double accel pedal				●	◦	◦	◦	◦
Toyota ORS (Operator Restrain System)	●	●	●	●	●	●	●	●
Fully adjustable fabric ORS seat				●	◦	◦	◦	◦
Swivel seat				●	◦	◦	◦	◦
Shock sensor		●	●	●	◦	◦	◦	◦
Height selector				●	◦	◦	◦	◦
Pin code entry system / smart card reader				●	◦	◦	◦	◦
Rear assist grip with horn button				●	◦	◦	◦	◦
Tilt cylinder boots				●	◦	◦	◦	◦
Front / Rear mudguards		●	●	●	◦	◦	◦	◦
Hydraulic oil cooler		●	●	●	◦	◦	◦	◦
Drive motors IP54		●	●	●	◦	◦	◦	◦

Safety Features

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
Toyota SAS (System of Active Stability)	●	●	●	●	●	●	●	●
Operator Presence Sensing System (OPS)				●	●	●	●	●
Emergency stop button on dashboard				●	●	●	●	●
Maximum drive speed and acceleration reduction with lifted load				●	◦	◦	◦	◦

Maintenance & management features

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
Rugged exterior body and easy access for maintenance		●	●	●	●	●	●	●
I_Site fleet management system				●	◦	◦	◦	◦
Pre-operational check				●	◦	◦	◦	◦

Battery management features

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
Open chassis design for lateral battery exchange			●	●	●	●	●	●
Battery stand for battery exchange		●	●	●	◦	◦	◦	◦
Powered pallet truck for battery exchange		●	●	●	◦	◦	◦	◦

Special applications

	Safety	Durability	Productivity	Driveability	9FBM60T	9FBM70T	9FBM80T	9FBH80T
Cold storage (Type 30S)		●	●	●	◦	◦	◦	◦
Rustproof version		●	●	●	◦	◦	◦	◦
Fisherman specifications		●	●	●	◦	◦	◦	◦

Toyota SAS

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Big on performance & manoeuvrability

The powerful motors provide the truck strong gradeability and high travel speed, making it highly suitable for demanding applications. With the sharp rear steering angle the truck can manoeuvre smoothly in tight areas for example in production or storage areas.

Strong on efficiency

The range comes with electric power steering for lower energy consumption and offers a choice in battery technology to suit all needs. For a smooth battery exchange, the truck is designed around an open chassis to easily place and retrieve the battery.

TPS-based reliability

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

