

SPECIFICATION

9L PLUS II 2.5 TON / 5500LBS

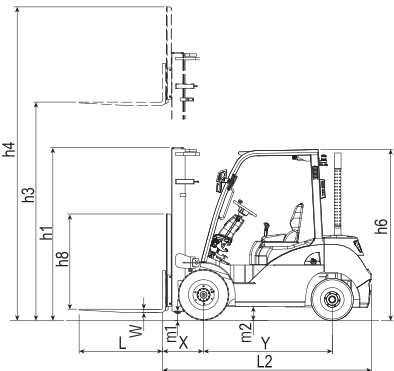
PFB 25			
CHARACTERISTICS			
Capacity	Q	Load	lbs 5500
Load Center	C	Distance	in 19.7
System			AC
Power Type			Electric
Operation Type			Sit
Tire Type		F / R	Pneumatic
Wheels (X: Driven)	Number	F / R	2x / 2
DIMENSIONS			
Lift At 2-Stage Mast	h3	Lift (Maxi. Fork Height)	in 118.1
	h2	Standard Free Lift	in 0
	h5	Optional Free Lift	in 29.3
Load Bracket	h8	Height Of Load Bracket	in 48
Fork Size		Thickness(s)xWidth(e)xLength(l)	1.7 x 4.8 x 42.1
Mast Tilting Angle		Forward(α) / Back(β)	6° / 12°
Overall Dimensions	L2	Length To Face Of Forks	in 102.4
	B	Total Width	in 45.4
	h1	Mast Height Lowered	in 78.9
	h4	Mast Height Extended	in 146.2
	h4	Mast Height Extended	in 166.1
	h6	Overhead Guard Height	in 83.9
	h7	Seat Height	in 44.5
Turning Radius	R		in 87.8
Load Distance	X	From Center Of Front Axle	in 19.7
Aisle Width	Ast	For Load 800x1200 / 1000x1200	in 146.8 / 154.7
PERFORMANCE			
Drawbar Pull	MAX.	N	14000
Gradeability	With Load	%	15
WEIGHT			
Service Weight		in	8311
Axle Loading	With Load : Front / Rear	in	12055 / 1768
	Without Load : Front / Rear	in	2987 / 5324
CHASSIS			
Tire Size	Front		7.00-12-12P.R.
	Rear		6.00-9-10P.R.
Wheelbase	Y	in	61
Ground Clearance	m1	At Lowest Point	in 4.7
	m2	Center Of Wheelbase	in 7.7
Service Brake	Operation/ Control		Foot / Hydraulic
Parking Brake	Operation/ Control		Hand / Mechanic
Tread	Center Of Tires F / R	in	38.2 / 38.8
DRIVE			
Battery	Battery Voltage	V	80
	Capacity	Ah/Shr	270
	Battery Box Size LxWxH	in	29.5 L x 24.8 W x 13.3 H
	Weight , Min. (See Item 43)		
Motor	Drive Motor	kW	10
	Pump Motor	kW	12

* This sheet is for reference only & products and specifications are subject to improvement and change without prior notices.

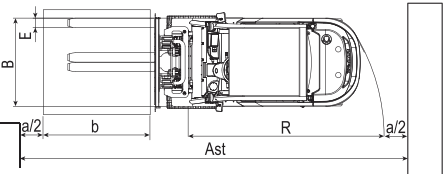
* All values shown are for standard lift truck with standard equipment. If the truck is supplied with options, values may change.

* All values given may vary due to the motor and system tolerances and represent nominal values obtained under typical operating conditions.

* The service weight of the lift truck will vary with parts upgrades or product improvements/revisions.



Ast= X+R+b+a
B= Load length
A= Clearance (200mm)



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COUNTERBALANCED TRUCK

9L PLUS II

2.5 TON

LITHIUM BATTERY



DEB107-01



TOYOTA INDUSTRIES GROUP

AVAILABLE IN
LITHIUM



FEATURES

9L PLUS II 2.5 TON

This streamlined forklift is one of Tailifu's best-selling products and can adapt to different terrain spaces as well as carry heavier weights. Our design focuses on quality, reliability and driver's safety as our main demands. In addition, it will be equipped with new energy lithium-ion batteries, which not only retains the original advantages, but also saves subsequent maintenance costs. It will definitely meet the quality, performance, and efficiency requirements of any jobsite.



HEAVY-DUTY CHASSIS

Durability is ensured with our no-bolt design. Our chassis were built with safety in mind, these integral heavy-duty chassis give the driver more protection from falling loads.



RAIN TEST (IPX4 WATERPROOF)

The vehicle is powered on and subjected to a 15-minute rain test, during which it continues to operate without faults.



CAPABLE OF OPERATING IN ALL CONDITIONS

Whether it's sunny or rainy, indoors or outdoors, the machine operates steadily and continuously.



INTELLIGENT ANTI-COLLISION WARNING SYSTEM (OPTIONAL)

When pedestrians enter the warning or danger zones, the forklift emits a warning sound and the warning lights flash to alert both the driver and pedestrians, preventing accidents and enhancing safety.

The camera in the cabin can also monitor the driver's face to detect signs of fatigue or risky driving. If such behavior is detected, a warning sound alerts the driver.



OPERATING COST COMPARISON

Lithium-Ion Battery Powered Forklift	Lead-Acid Battery Powered Forklift	Internal Combustion Engine Forklift
Purchase Cost	Purchase Cost	Purchase Cost
hidden Maintenance Cost	hidden Maintenance Cost	hidden Maintenance Cost
Electricity Charge	Battery Changing Cost	Electricity Charge

LITHIUM-ION BATTERY FORKLIFT

Compared to lead-acid battery forklifts, lithium battery forklifts offer several advantages such as faster charging, the ability to charge at any time, lower battery maintenance costs, and better suitability for long hours of operation.

Compared to fuel-powered forklifts, they have benefits like lower noise levels, no pollution, less vibration, reduced daily maintenance, and lower maintenance costs.

LITHIUM-ION TECHNOLOGY

Replacing the engine system with a lithium battery pack eliminates the need for various engine filters, air filters, starter batteries, and engine-related parts maintenance, reducing daily maintenance time and costs.

LED LIGHTS PACKAGE

Provide longer life, energy efficiency, high brightness and intensity than previous design. (Option : Blue Spotlight & Camera)

CLEAR VISIBILITY

- Slotted Overhead Guard
- High Visibility Mast
- Open Rear Visibility
- Lowered Lift Cylinder

REVERSE FEATURES

Safely and seamlessly travel in reverse with an accessible rear grip equipped with a horn button and LED indicator lights.

SUSPENSION SEAT

High-efficiency shock absorbers and seat belts, ergonomically designed to relieve the pressure from the back & arm, and double-sided armrests provide additional support to enhance the operation comfort.

ANTI-SLIP STEP PLATE

The anti-slip drilled plate increases safety when mounting the truck during snowy or rainy weather conditions.

OPTIMIZED STEERING COLUMN
Minimizing strain and increasing efficiency through comfortable, accessible, and adjustable operation features.

HIDDEN TILT CYLINDER
To reduce scraping, enlarge access space, and improve design, tilt cylinders are internally stored.

IMPROVED INSTRUMENT PANEL
The all-in-one dashboard keeps operators informed of crucial battery and performance indicators at a glance.