



# COUNTERBALANCED TRUCK

**4**  
SERIES **LI-ION**  
TECHNOLOGY

**5,000 lbs**  
**LITHIUM BATTERY**

**Tailift**



TOYOTA INDUSTRIES GROUP



**Available in  
Lithium**



## ■ FEATURES

**5000lbs**

This streamlined forklift is one of Tailift's best-selling products and can adapt to different terrains as well as carry heavier weights. Our design focuses on quality, reliability, and driver's safety. 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 and will meet the quality, performance, and efficiency requirements of any jobsite.



### HEAVY-DUTY CHASSIS

Durability is ensured with our integrated design. Our chassis are built with safety in mind. These integral heavy-duty chassis give the driver more protection from falling loads and turnovers.



### 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.



### 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





## CAPABLE OF OPERATING IN ALL CONDITIONS

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



### 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.




## 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	Lead-acid	Engine Forklift
Purchase Cost	High	Low	Moderate
Maintenance Cost	Low	High	High
Charging Time	Fast	Slow	—
Battery Life	Long	Short	N/A
Using Condition	High intensity	light use	outdoor task
Noise Levels	Low	Low	High
Pollution Issue	NO	—	High
Vibration	Low	Low	High

## 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.



## HIDDEN TILT CYLINDER

Ingeniously integrated cylinders minimize scraping,maximize access space,and enhance overall design efficiency.



## IMPROVED INSTRUMENT PANEL

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



# TRUCK SPECIFICATIONS

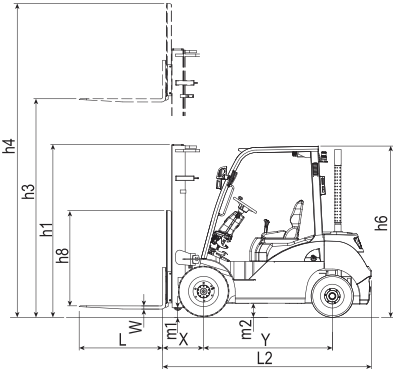


## 5,000 lbs

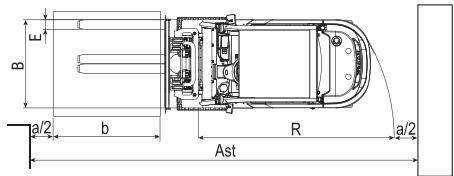
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CHARACTERISTICS				
Capacity	Q	130”Duplex Mast w/o Sideshift	lbs	5000
		189”Triplex Mast w/ Sideshift	lbs	4620
Load Center	C	Distance	in	24
System				AC
Power Type				Electric
Operation Type				seated
Tire Type		P=Air Pneumatic,S=Solid Pneumatic C=Cushion	F / R	S/S
Wheels (X: Driven)		Number	F / R	2x / 2
DIMENSIONS				
3-Stage Mast	h3	Lift (Maxi. Fork Height)	in	189
	h5	Full Free Lift w/ LBR	in	37.2
Load Backrest	h8	Height Of Load Backrest	in	48
Forks		Thickness(s)×Width(e)×Length(l)	in	1.6 x 4.8 x 48
Mast Tilting Angle		Forward( α ) / Back( β )	deg	6° / 6°
Overall Dimensions	L2	Length To Face Of Forks		104.7
	B	Total Width	in	45.4
	h1	Height,Mast Lowered	in	87.3
	h4	Height,Mast Extended(w/LBR)	in	237.8
	h6	Height of Overhead Guard		85
	h7	Seat Height	in	44.5
Turning Radius	R	Minimum From Outermost Edge	in	87.8
Load Distance	X	From Center Of Front Axle to Fork	in	22
Aisle Width	Ast	For Pallets 31×47 (800×1200)Crossways	in	149.2
		For Pallets 39×47 (1000×1200)Crossways	in	157
WEIGHT				
Service Weight			lbs	8162
Axle Loading		With Load : Front / Rear	lbs	12055 / 1768
		Without Load : Front / Rear	lbs	2987 / 5324
CHASSIS				
Solid Pneumatic Tire Size		Front		7.00-12-12
		Rear		6.00-9-10
Wheelbase	Y	Distance	in	61
Ground Clearance	m1	At Lowest Point,Loaded	in	4.7
	m2	Center Of Wheelbase,Loaded	in	7.7
Service Brake		Control / Operation Method		Foot / Hydraulic
Parking Brake		Control / Operation Method		Hand / Mechanical
Tread		Center Of Tires F / R	in	38.2 / 38.8
DRIVE				
Battery		Battery Voltage	V	80
		Capacity	Ah/5hr	304
		Battery Box Size LxWxH	in	33.3 L x 23.6 W x 17.3 H
		Weight , Min. (See Item 43)	lbs	550
Motor		Drive Motor	kw	18
		Pump Motor	kw	25

- \* 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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U.S.A

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