Tailift

TOYOTA INDUSTRIES GROUP

# LITHIUM ELECTRIC PALLET JACK

## 4000LBS

LI-ION TECHNOLOGY

CE




Emergency Reversing Switch
Turtle Mode
Acceleration Button
Multifunction Display and
Emergency Stop Switch
Ergonomic and
Smart Tiller Design
Maximize Your Uptime
Charging time
2.0-2.5 hours
Working time
~ 4 hours
Guide slope convenient
for loading pallets.
Spring-loaded Caster
Wheel on both side.




## Compact Design for Various Applications

Featuring an ultra-light design, compact turning radius, and low-profile chassis, this Walkie Pallet Truck is ideally suited for operation in confined spaces such as supermarkets and workshops. Designed for short- to medium-distance transport, it offers flexible and efficient performance across a wide range of industries.




## Multifunction Display & Emergency Stop Switch

The high-performance multi-functional display features a battery level indication, total operating hours and internal fault code. Even in extremely harsh environments, the display maintains exceptional reliability.

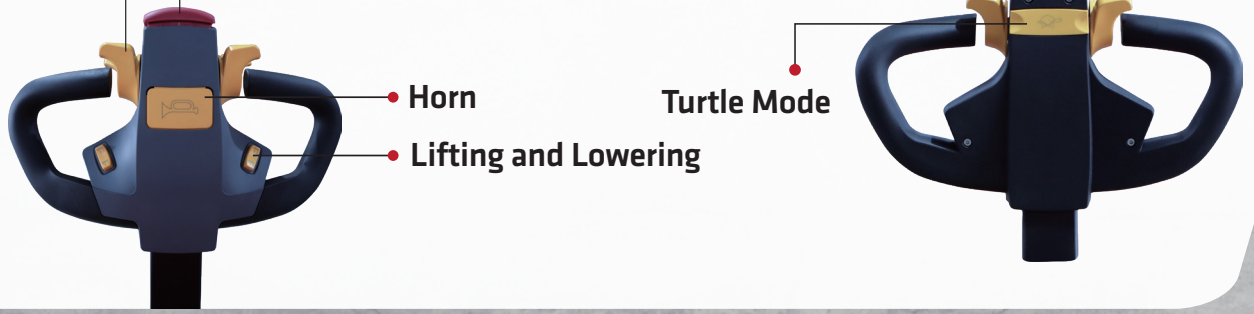
In emergency situations, power can be cut off immediately to stop the truck operation, ensuring maximum safety for both the operator and the truck.

# Ergonomic and Smart Tiller Design




The tiller is equipped with a gas spring and damping mechanism, allowing it to return smoothly and reliably to the upright position, enhancing both safety and operational comfort.

Automatically reduces speed according to tiller angle, with active braking function when the tiller is in the upright position – ensuring enhanced safety and precise control during operation.



## Guide slope convenient for loading pallets.

The uniquely guide slope at the rear base of the truck enhances its ground clearance, providing excellent maneuverability and obstacle clearance while allowing easy entry and exit from pallets.



## Spring-loaded Caster Wheel on both side.

Equipped with stabilizer wheels on both sides, the truck ensures exceptionally stable travel and delivers excellent shock absorption performance.



# Maximize Your Uptime

**Equipped with a maintenance-free 24V/100Ah lithium battery and 24V/50A charger for long operation time, fast charging and opportunity charging capabilities, it delivers the convenience of a hand pallet truck—without the maintenance demands typical of conventional electric pallet trucks.**

**A built-in socket on the battery case allows for easy charging without removing the battery. Fast and opportunity charging during operational breaks further extend uptime and enhance productivity.**

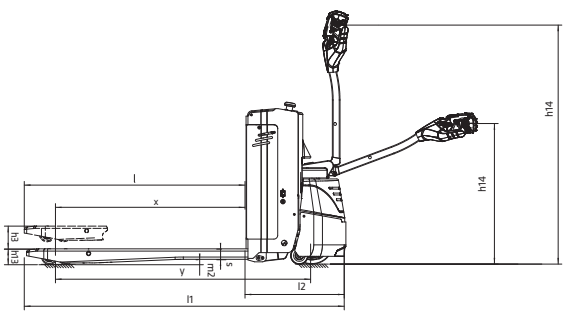


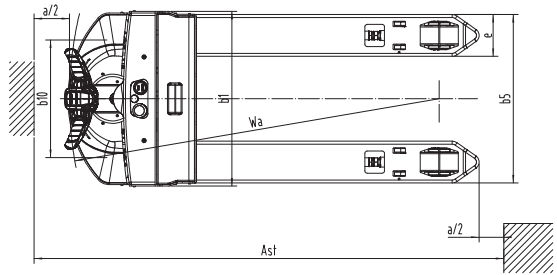
| | | CBD18KD |
|---|---|---|
| Battery | Li-ion battery :24V/100AH | ● |
| | Li-ion battery: 48V/40AH | |
| | Li-ion battery: 48V/80AH | |
| Fork Wheel | Single PU tyre | ● |
| | Double PU tyre | ◎ |
| Castor wheel | | ● |
| Forks | 27*48" (685*1220 mm) | ● |
| | 22*45" (550*1150 mm) | ◎ |
| Backrest | Height: 48" (1220 mm) | ◎ |
| Handle | | ● |
| Cold storage | 32°F~-60°F | ◎ |

| | | Model | | | CBD18KD |
|---|---|---|---|---|---|
| GENERAL DATA | 1.1 | Load capacity | Q | lbs (kg) | 4000(1800) |
| | 1.2 | Load center | C | in(mm) | 24(600) |
| | 1.3 | Power Type | | | Electric |
| | 1.4 | Operator type | | | Walkie |
| | 1.5 | Tyres | | | Polyurethane |
| | 1.6 | Number of wheels, drive/load side (x=driven) | | | 1X+2/2(4) |
| DIMENTIONS | 2.1 | Overall length | l1 | in(mm) | 68.3(1736) |
| | 2.2 | Length to face of forks | l2 | in(mm) | 20.3(516) |
| | 2.3 | Overall width | b1 | in(mm) | 28(710) |
| | 2.4 | Fork dimensions | S/e/l | in(mm) | 2.9x6.7x48(74x170x1220) |
| | 2.5 | Wheelbase | y | in(mm) | 55.1(1400) |
| | 2.6 | Load distance, center of drive axle to fork | X | in(mm) | 41.6(1057) |
| | 2.7 | Turning radius | Wa | in(mm) | 62(1574) |
| | 2.8 | Height of tiller in drive position (min./max.) | h14 | in(mm) | 25.6 / 49.2(650/1250) |
| | 2.9 | Tread width, front(drive) | b10 | in(mm) | 18.8(478) |
| | 2.10 | Tread width, rear(load) | b11 | in(mm) | 20.3(515) |
| | 2.11 | Width overall forks | b5 | in(mm) | 27(685) |
| | 2.12 | Lift height | h3 | in(mm) | 4.7(120) |
| | 2.13 | Lowered fork height | h13 | in(mm) | 3.1(78) |
| | 2.14 | Ground clearance at center of wheelbase | m2 | in(mm) | 0.9(23) |
| | 2.15 | Aisle width for pallets 1000x1200 crossways | Ast | in(mm) | 93.5(2374) |
| | 2.16 | Aisle width for pallets 800x1200 lengthways | Ast | in(mm) | 86.5(2198) |
| | 2.17 | Service weight (with battery) | | lbs (kg) | 750(340) |
| | 2.18 | Axle loading,loaden, front/rear | | lbs (kg) | 2028/2689(920/1220) |
| | 2.19 | Axle loading,unladen, front/rear | | lbs (kg) | 537/211(244/96) |

* This is only for reference and not subject to notice in advance if there is any modification.

| | | Model | | CBD18KD | |
|---|---|---|---|---|---|
| PERFORMANCE | 3.1 | Travel speed, laden/unladen | mph | 3.6 / 3.7(5.8/6) | |
| | 3.2 | Lifting speed, laden/unladen | fpm(m/s) | 5.9 / 7.5(0.03/0.038) | |
| | 3.3 | Lowering speed, laden/unladen | fpm(m/s) | 7.9 / 7.1(0.04/0.036) | |
| | 3.4 | Gradeability, laden/unladen | %(%) | 8/20(8/20) | |
| | 3.5 | Tyre size, front(Drive) | in(mm) | Φ 9 x 3.9(230×100) | |
| | 3.6 | Tyre size, rear(Load) , single( double ) | in(mm) | Φ 3.1 x 4.2 ( 3.1 ) | Φ78×106(78) |
| | 3.7 | Additional balance wheel(castor wheel) | in(mm) | Φ 3.5 x 1.6(Φ90×40) | |
| | 3.8 | Service brake | | Electric Magnetic | |
| POWER SYSTEM | 4.1 | Battery voltage/capacity K5 | V/Ah(V/Ah) | 24/100(LITHIUM) | |
| | 4.2 | Battery weight | lbs(Kg) | 143(65) | |
| | 4.3 | Drive motor | hp(kw/h) | 1.6(AC) | 1.2(AC) |
| | 4.4 | Lift motor | hp(kw/h) | 1(0.8) | |
| | 4.5 | Noise level at the driver's ear meet the DIN12053 | (dBA) | 70(70) | |




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