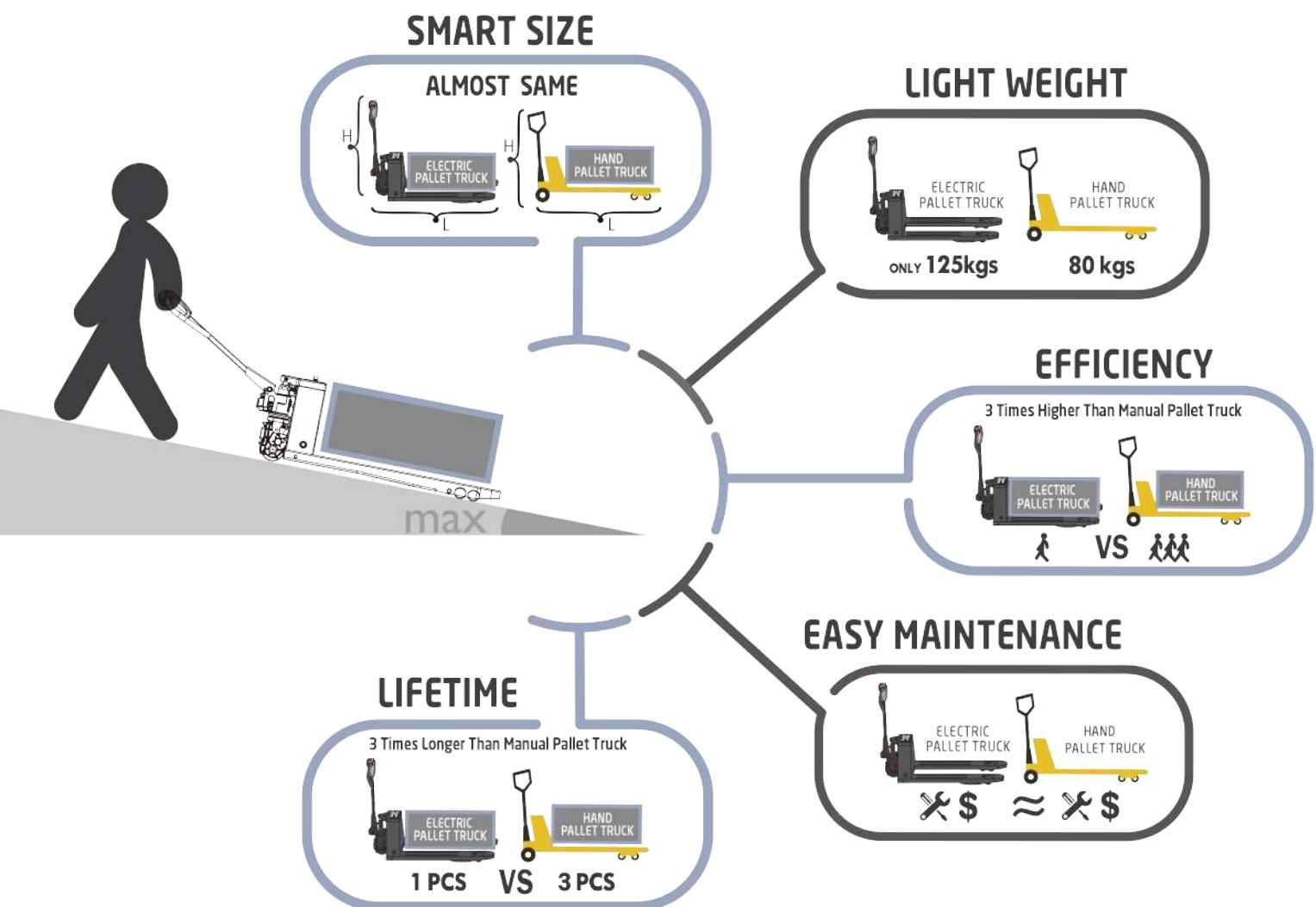


## WS Series Electric Pallet Truck With Lithium Battery

with capacities of 1,500/1,800/2,000kg

**SMART  
POWERFUL  
DURABLE**

BUILT TO  
WORK  
**24**  
HOURS



**PAY A LITTLE MORE  
SAVE MUCH MORE**

# Powerful With High Gradeability



## Unique brushless technology

Brushless motor, powerful and maintenance free.

Leading in the industry.



**750W/1000W power**  
**Brushless motor**  
**Maintenance free**



**Powered traveling**



**Powered lifting & lowering**

## Maintenance free

For brushed motor, carbon brush needs to be replaced every 12 or 18 months.

For CBD15-WS, no need to replace carbon brush.

Maintenance-free, saving maintenance time and cost.



## Powerful with high gradeability

To easily move 1.5 ton or 2 ton over the slopes at warehouse entrances.



**Traveling speed**

— **UNLADEN 4.5Km/h**

+ **LADEN 4Km/h**



**Semi-Electric**

**Gradeability**

# Non-stop Working



## 6s Replace Battery

Maintenance-free lithium battery

It takes only 6s to replace battery.

With a spare battery, the unit can keep working 24 hours.



## Ensured battery safety

Safe and reliable, no fire, no explosion.

Complying with IEC, UL global standard certification requirements, ensuring the safety of user property.

- Long service life: lithium battery with a long service life.
- High safety performance: it adopts soft package battery technology, built-in protection board and multiple protection to eliminate overcharge and overdischarge.
- Maintenance free: no need to add water.

## Short charging time Charge and use freely

Quick charging: 2 hours to fully charge the battery.



## Compact and durable

### ▪ Solid build, no breaking

Chassis made by solid materials, no bending, no deformation.

Reinforced rocker arm, push rod, wheel frame and support seat. No plastic part, less damage.

**Solid build  
No breaking**

### ▪ Most compact unit with same lifting capacity

Suitable for small workplaces such as compact workshops, trucks or vans, tail lifts or elevators. CBD15-WS has the smallest turning radius among similar products.

### ▪ Integral forks, no splicing

The forks are uniquely designed, easy to handle European pallets, American pallets and plastic pallets.

Solid fork with no deformation, far more durable than other brands of the same category.

*Top cap thickness*

6mm

*V-block thickness*

5mm

*Fork thickness*

4mm



# Intelligent Control

When you're moving heavy loads in tight spaces, maneuverability and controllability are critical to ensure safety, productivity and comfort.

The core concept of SHARK products is to make your job easier. With the ergonomically designed handle, CBD15-WS is easy to operate, reduces fatigue and improves work efficiency. Compared to other brands, users prefer to use SHARK WS Series.

- 75mm Lowered height of fork

## SMART FUNCTION

01

### Turtle Speed

Press the turtle speed button



## SMART FUNCTION

02

### Up-Right Drive

Keep holding the turtle speed button



## SMART FUNCTION

03

### ⚠ Engineering Mode (Brake Release)

Horn Remains Pressed & Power On



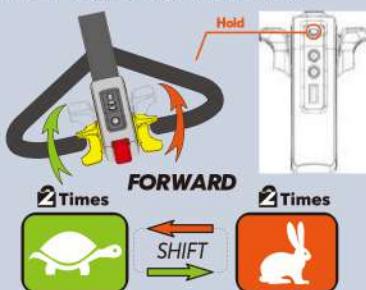
- 82mm Lowered height of fork

## SMART FUNCTION

01

### Turtle Speed

Horn Remains Pressed & Forward 2 times



## SMART FUNCTION

02

### Up-Right Drive

Reverse Button & Forward Throttle Remain Pressed, Power On

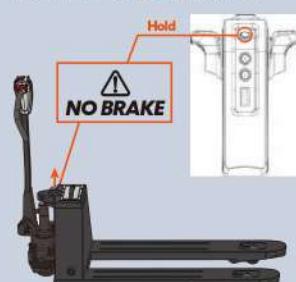


## SMART FUNCTION

03

### ⚠ Engineering Mode (Brake Release)

Horn Remains Pressed, Power On



⚠ In up-right drive mode, vehicle will move when handle is operated at any position. Please avoid misoperation.

⚠ Brake release mode is only for emergencies, not allowed for vehicle with normal conditions.

# Easy Maintenance

WS Series utilizes SHARK's integrated diagnostics, error code display and SHARK's original service mini-program to facilitate quick problem resolution.



## Ready to Handle Multiple Jobs

With its unique design, WS Series is powerful and maneuverable to meet the application in a wide range of working conditions.



*Warehouses/Logistics center*



*Truck tail lift*



*Supermarket*

Pallet trucks are a necessary investment. Choosing the wrong machine could cause loss in productivity, high cost of machine downtime, unhappy workers, and overall, increased running costs.

Choosing WS Series will reward you with long-term value.

## SHARK WS Series

● **Powerful** ● **Durable** ● **Easy maintenance** ● **Low use cost** ● **High return on investment**

# Basic Configuration

## ▪ 75mm Lowered height of fork



Multi-function Handle

- Emergency reverse button
- Password key
- LCD Screen
  - Battery indicator with hour meter
  - Error code display
  - Recharge alert

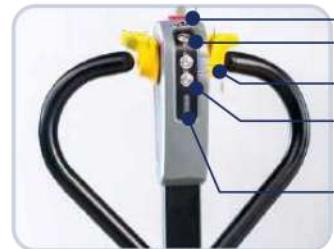


- Forward/reverse butterfly switch
- Horn
- Lifting / Lowering

- Recharge alert
- Hour meter
- Powered traveling
- Powered lifting & lowering
- Error code display
- PIN access control
- Emergency stop button
- Horn



## ▪ 65mm/82mm Lowered height of fork



Multi-function Handle  
(Full Electric)

- Emergency reverse button
- Horn
- Forward/reverse butterfly switch
- Lifting / Lowering
- LCD Screen
  - Battery indicator with hour meter
  - Error code display
  - Recharge Alert



Multi-function Ergonomic Handle  
(Semi-electric)



Protection cover



Electric Lifting/Lowering

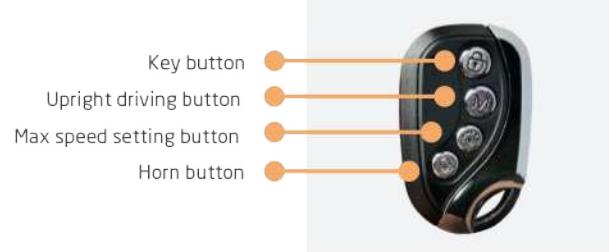


Battery Protection Stopper



Tandem/Single PU wheel

# Optional



**Intelligent Control Key**  
Only available on CBD15/20-WS 82mm/65mm



**Load backrest**  
When goods are stacked high, the load backrest can prevent it from falling, ensuring user safety.



**48V 15Ah battery with bigger capacity**  
Longer working hour



**Balance wheel**  
Only available on CBD15-WS



**5A fast charger**  
Shorter charging hour



**Fork length(82mm Lowered height of fork)**  
800/900/1150/1220/1500/1800/2000mm  
fork length options

**Fork length(75mm Lowered height of fork)**  
800/900/1000/1150/1220mm  
fork length options

**Fork length(65mm Lowered height of fork)**  
685\*1120mm  
550\*1150mm



**Wrapping film holder**



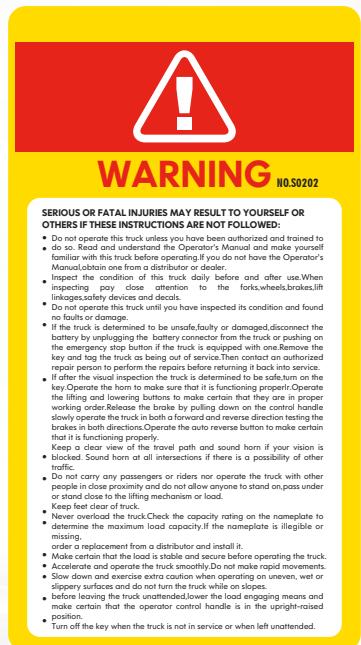
# ELECTRIC PALLET TRUCK LABELING INSTRUCTIONS

## MODEL: CBD15-WS

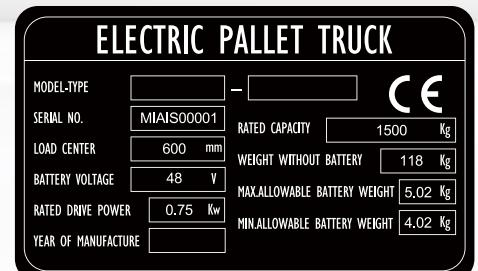
① 42x390mm



② 100x183mm



③ 100x60mm



④ 42x150mm



⑤ 88x25mm



⑥ BRAND LOGO 260x66.5mm

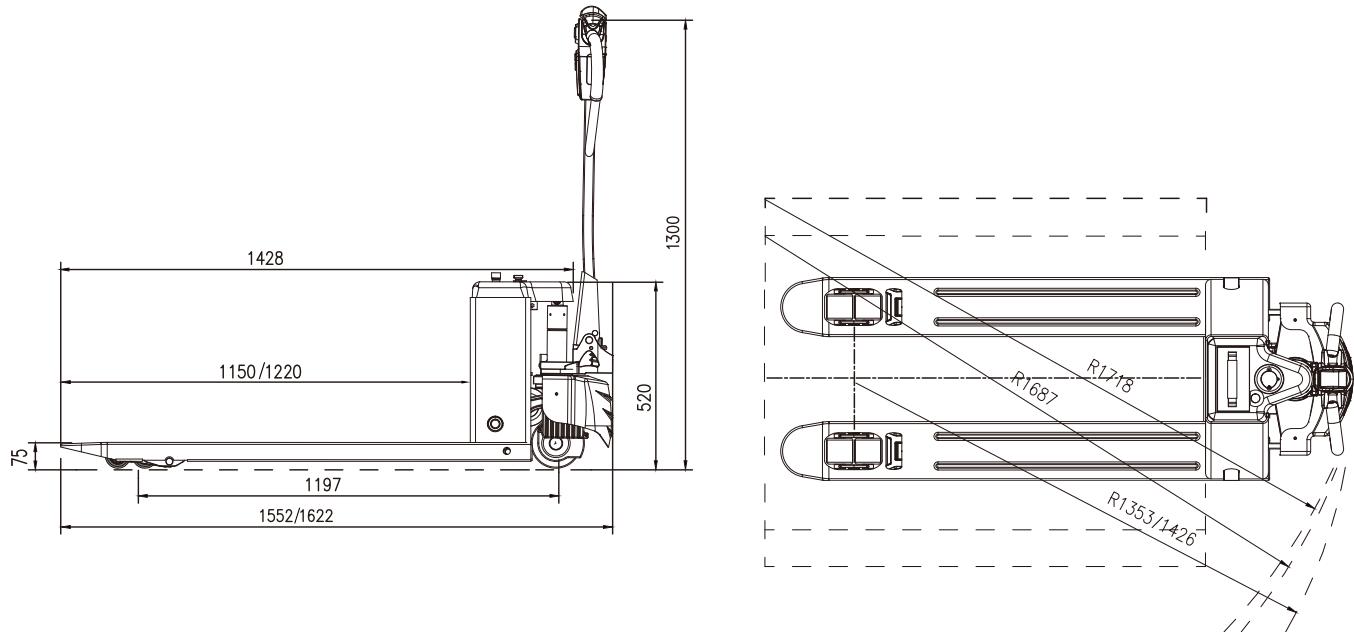


⑦ 60x48mm

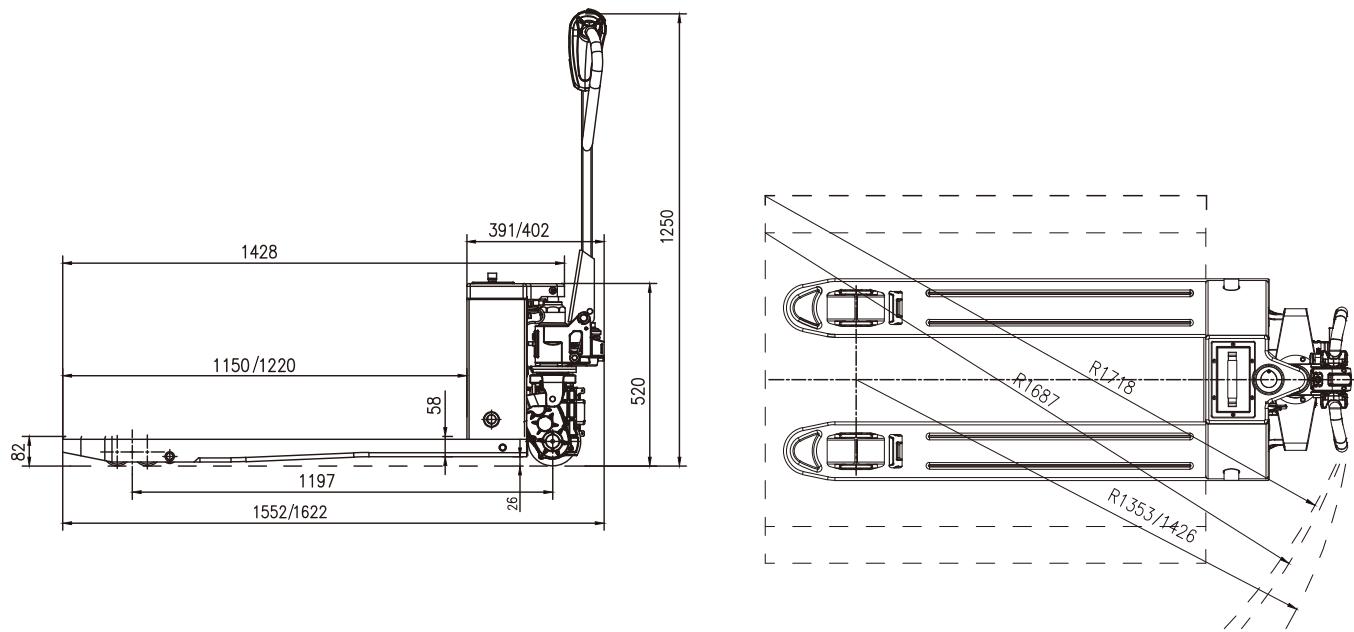


# Dimensions

## CBD15/20-WS 75mm Lowered height of fork



## CBD15/20-WS 82mm Lowered height of fork



## WS Series Electric Pallet Truck With Lithium Battery Specification

	Manufacturer		SHARK					
			CBD18-WS-SE	CBD20-WS-SE	CBD15-WS		CBD15-WS-65L	CBD20-WS
Characteristics	1.1	Capacity	kg	1800	2000	1500	1500	2000
	1.2	Load centre distance	mm	600	600	600	600	600
	1.3	Standard overall fork width	mm	550/685	550/685	550/685   520/550/685	550/685	550/685
	1.4	Fork length	mm	1150/1220	1150/1220	1150/1220	1150/1220	1150/1220
	1.5	Overall length	mm	1552/1622	1552/1622	1552/1622	1552/1622	1552/1622
	1.6	Wheelbase	mm	1197/1267	1197/1267	1197/1267	1197/1267	1197/1267
	1.7	Lowered height of fork	mm	82±2	82±2	75±2	82±2	65±2
	1.8	MAX height of fork	mm	197	197	190	197	165
	1.9	Overall length (with tiller)	mm	1300	1300	1250	1250	1300
	1.10	Rear body width	mm	550/685	550/685	520/550/685	550/685	550/685
	1.11	Minimum turning radius	mm	1353/1426	1353/1426	1353/1426	1353/1426	1353/1426
Performance	2.1	Max.Traveling speed	laden	km/h	4	4	4	4
			unladen	km/h	4.5	4.5	4.5	4.5
	2.2	Gradeability	laden	%	6	6	6	6
			unladen	%	20	20	20	20
	2.3	Traveling		kW	DC 0.75 Brushless	DC 1.0 Brushless	DC 0.75 Brushless	DC 1.0 Brushless
	2.4	Lifting		kW	Hydaraulic	Hydaraulic	DC 0.8	DC 0.8
Battery	2.5	Lifting speed, laden/unladen		mm/s	/	/	18/23	18/23
	2.6	Lowering speed, laden/unladen		mm/s	/	/	56/46	56/46
	4.1	Voltage		V	48	48	48	48
	4.2	Capacity/type		Ah	10Ah Lithium	10Ah Lithium	10Ah Lithium	10Ah Lithium
	5.1	Travel brake			Regenerate	Regenerate	Regenerate	Regenerate
Brake type	5.2	Brake			Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
	6.1	Controller			B1503	B1503	B1503	B1503

• 520mm fork width: only for CBD15-WS model.

• 75 Low Profile: for CBD15-WS and CBD20-WS, with the combination lock handle.