

**liftsmart**

# **EPT20H-CF**

**Lithium Pallet Truck**  
**COLD STORAGE USE ABOVE -18°C**



**13 22 54**

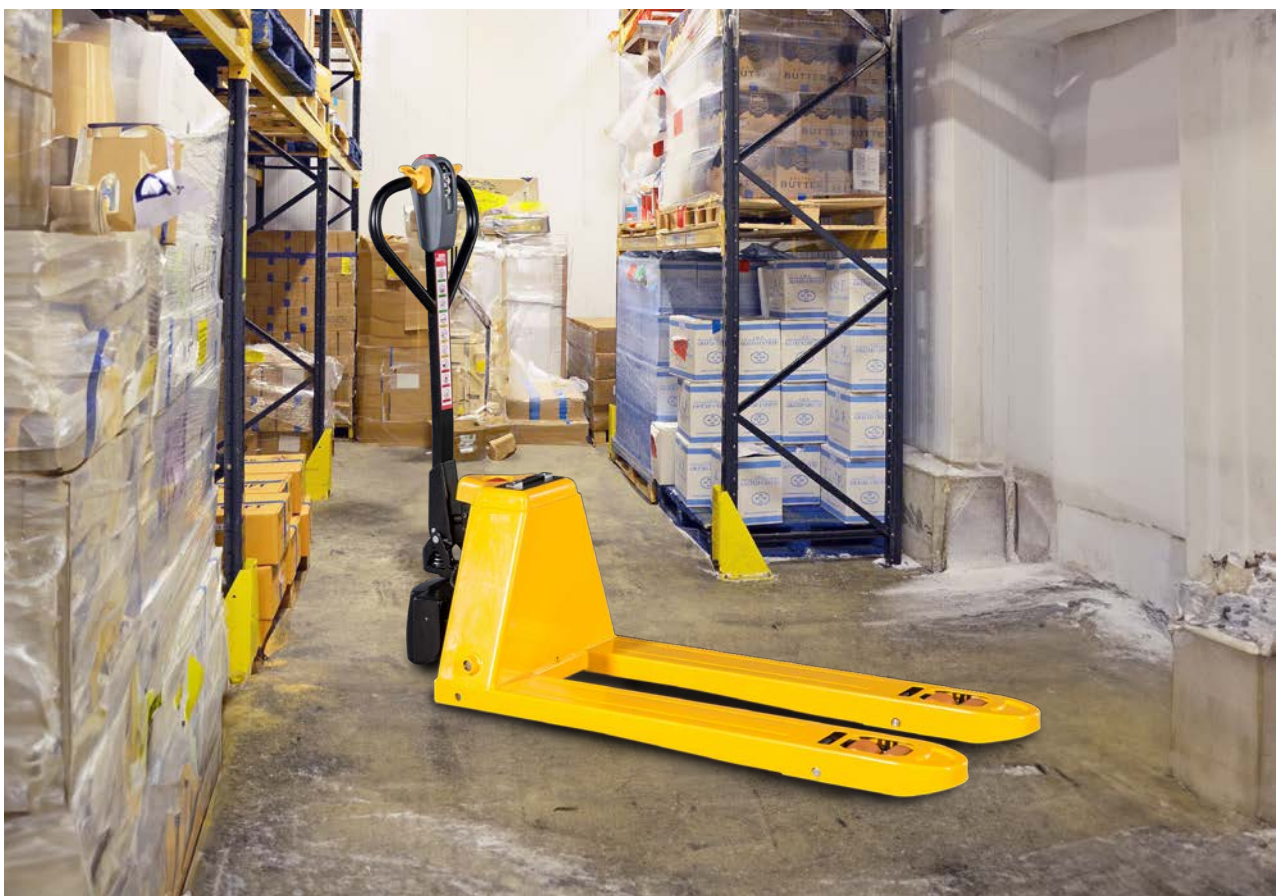
[www.adaptalift.com.au](http://www.adaptalift.com.au)

# EPT20H-CF Lithium Pallet Truck

ELECTRIC PALLET TRUCK COLD STORAGE USE | 2000kg Capacity

## Freeze-Fit Handling

The Liftsmart EPT20H-CF is an entry-level electric pallet truck designed to perform efficiently in cold storage environments down to  $-18^{\circ}\text{C}$ . With its powerful performance and precision control, it provides smooth, productive material handling while minimizing operator fatigue. This pallet truck is perfect for boosting productivity in cold room areas.



### Elevate Your Cold Storage Efficiency

Ideal for vegetable and seafood cold storage, food processing plants, and frozen food facilities, this electric pallet truck excels in demanding cold environments. Its robust design and reliable performance ensure efficient handling of fresh produce, delicate seafood, bulk materials, and frozen goods, keeping operations smooth and productive.

## Powerful With High Gradeability

### Unique Brushless Technology

The brushless motor is both powerful and maintenance-free, setting a leading standard in the industry.

### Maintenance Free

For brushed motors, the carbon brush typically needs to be replaced every 12 to 18 months. However, for the EPT20H-CF model, there is no need to replace the carbon brush, as it is maintenance-free, saving both time and costs associated with maintenance.

### Powerful with High Gradeability

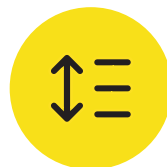
To easily move 2 ton over the slopes at warehouse entrances.



**Maintenance Free**  
1000W Power  
Brushless Motor



**Powered**  
Traveling  
Mechanism



**Powered Lifting**  
and lowering  
systems



**Travel Speed**  
4 km/h Laden,  
4.5 km/h Unladen

# EPT20H-CF Lithium Pallet Truck

ELECTRIC PALLET TRUCK COLD STORAGE USE | 2000kg Capacity

## Non-stop Working

The maintenance-free lithium battery can be replaced in just 6 seconds, and with a spare battery, the unit can operate continuously for 24 hours.

## Ensured Battery Safety

The system is safe and reliable, with no risk of fire or explosion. It complies with IEC and UL global standard certification requirements, ensuring the safety of user.

- 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.



## Quick Charging

Fully Charge in 2 Hours

## Solid Build, No Breaking

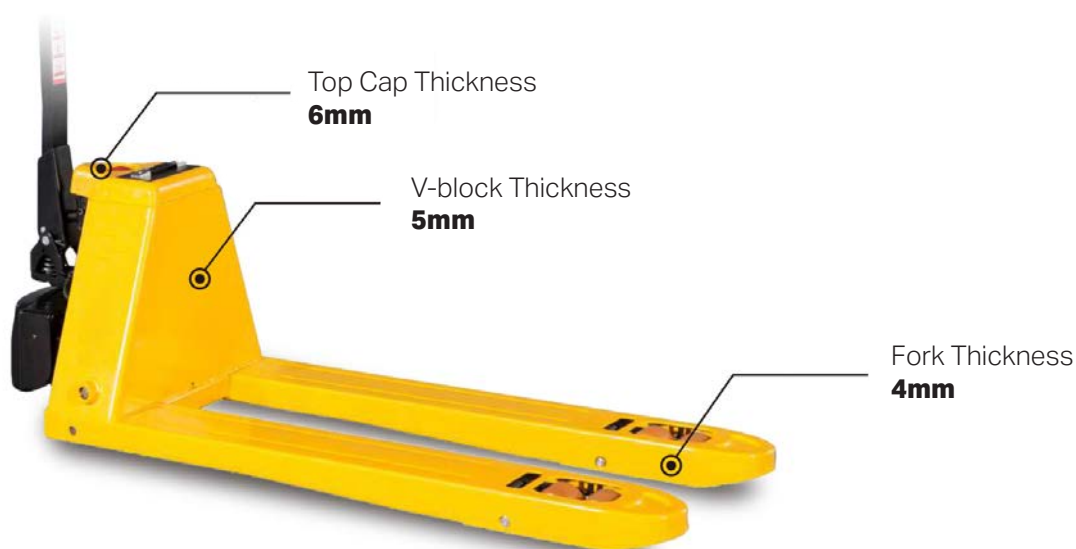
The chassis is constructed from solid materials, ensuring no bending or deformation, and features reinforced rocker arms, push rods, wheel frames, and support seats. With no plastic components, it is designed for reduced damage.

## Most Compact Unit with same Lifting Capacity

The EPT15H is ideal for small workplaces, such as compact workshops, trucks or vans, tail lifts, or elevators, and boasts the smallest turning radius among similar products.

## Integral Forks, No Splicing

The uniquely designed forks easily handle European, American, and plastic pallets. They are solid and resistant to deformation, making them significantly more durable than other brands in the same category.



## 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 the products is to make your job easier. With the ergonomically designed handle, EPT20H-CF is easy to operate, reduces fatigue and improves work efficiency.



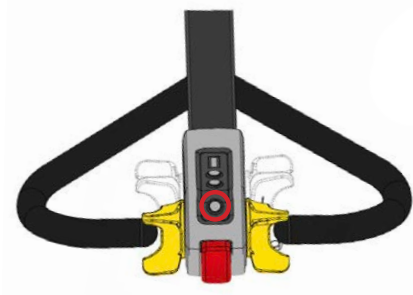
### Turtle Speed

Horn Remains Pressed  
& Forward 2 times



### Up-Right Drive

Reverse and Forward Throttle:  
Press to Power On



### Engineering Mode

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.

## Comfortable Operation

Easy to operate with ergonomic handle, comfortable to use.

## Leading Technology

CanBus technology is applied on this entry-level electric pallet truck.

## Fast And Slow Speed

To match different levels of operator experience, and varied work environments.

## Up-right Drive Mode

Convenient to operate in vans, on tail lifts, or inside elevators.

## Engineering Mode

When the unit breaks down, it can be moved away manually.

## Slope Anti-Sliding Design

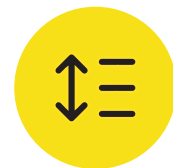
Easy parking on slopes, preventing accidental backing of the machine.



**Recharge**  
Alert



**Hour**  
Meter



**Powered Lifting**  
& Lowering



**Error Code**  
Display



**Emergency**  
Stop Button



**Horn**  
Feature

# EPT20H-CF Lithium Pallet Truck

ELECTRIC PALLET TRUCK COLD STORAGE USE | 2000kg Capacity

## Easy Maintenance

EPT series utilises integrated diagnostics, error code display and original service mini-program to facilitate quick problem resolution.

### Easy Parts Replacement

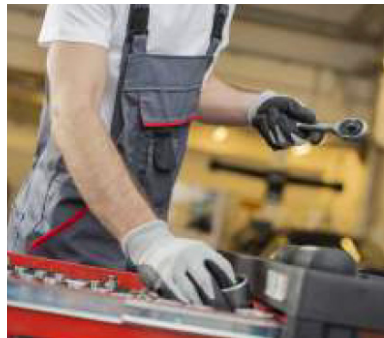
The unique design makes disassembly and assembly simple, reducing machine downtime and operating costs.

- **1 minute** Replace the drive wheel
- **1 minute** Replace the handle
- **2 minutes** Remove the controller
- **3 minutes** Remove the motor



### Error Code Display

Quickly identify the fault during operation.



### Professional Support

Specialist guidance only a phone call away.

## Ready to Handle Multiple Jobs

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



**Warehouses/Logistics Center**



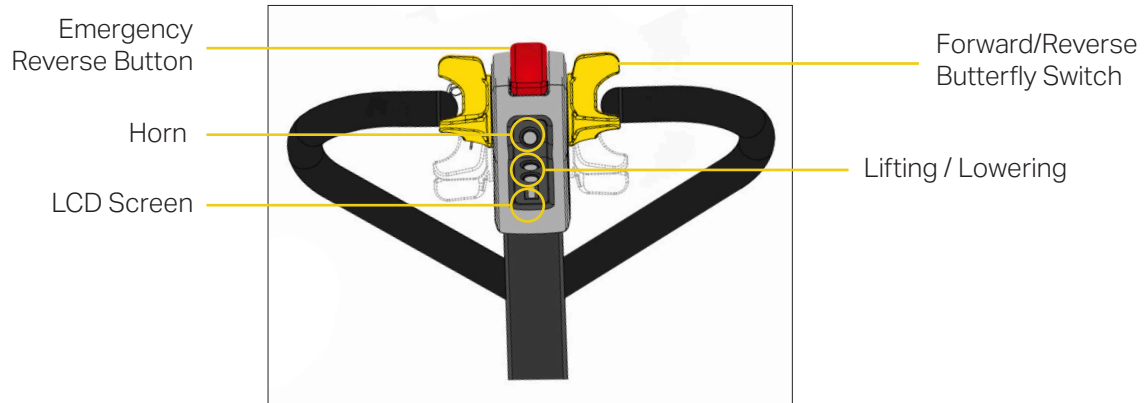
**Truck Tail Lift**



**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 EPT series will reward you with long-term value.

## Basic Configuration



48V 15Ah  
**Lithium Battery**



Intelligent  
**Charger**



Electric  
**Lifting/Lowering**



Tandem/Single  
**PU Wheel**



# EPT20H-CF Lithium Pallet Truck

ELECTRIC PALLET TRUCK COLD STORAGE USE | 2000kg Capacity

## Optional Configuration

### Intelligent Control Key



Key Button

Upright Driving Button

Max Speed Setting Button

Horn Button



### Fork Length

800/900/1150/1220/1500mm  
fork length options



### Wrapping Film Holder



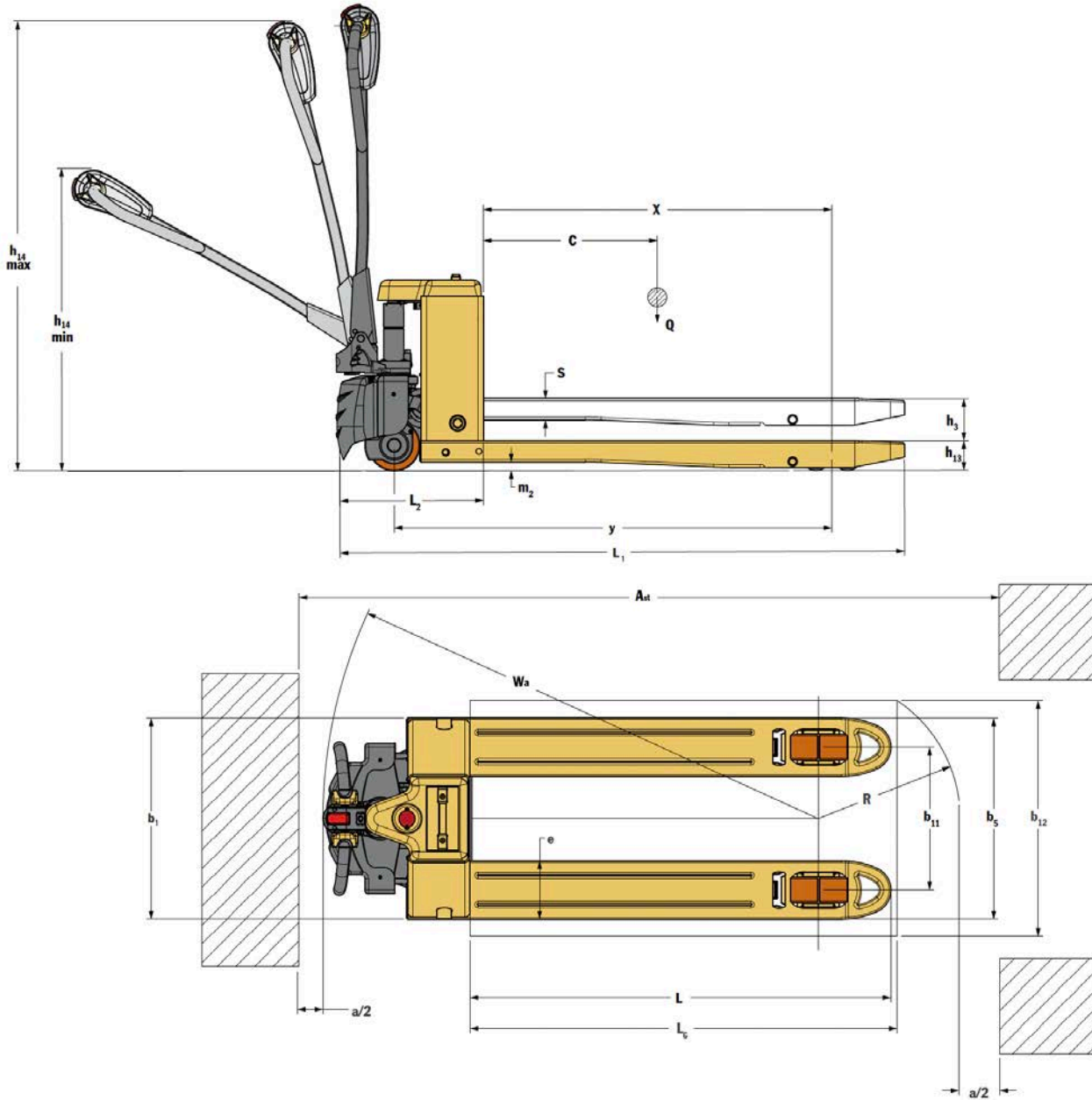
### Load Backrest

The load backrest ensures safety by preventing high-stacked goods from falling.





## Dimensions

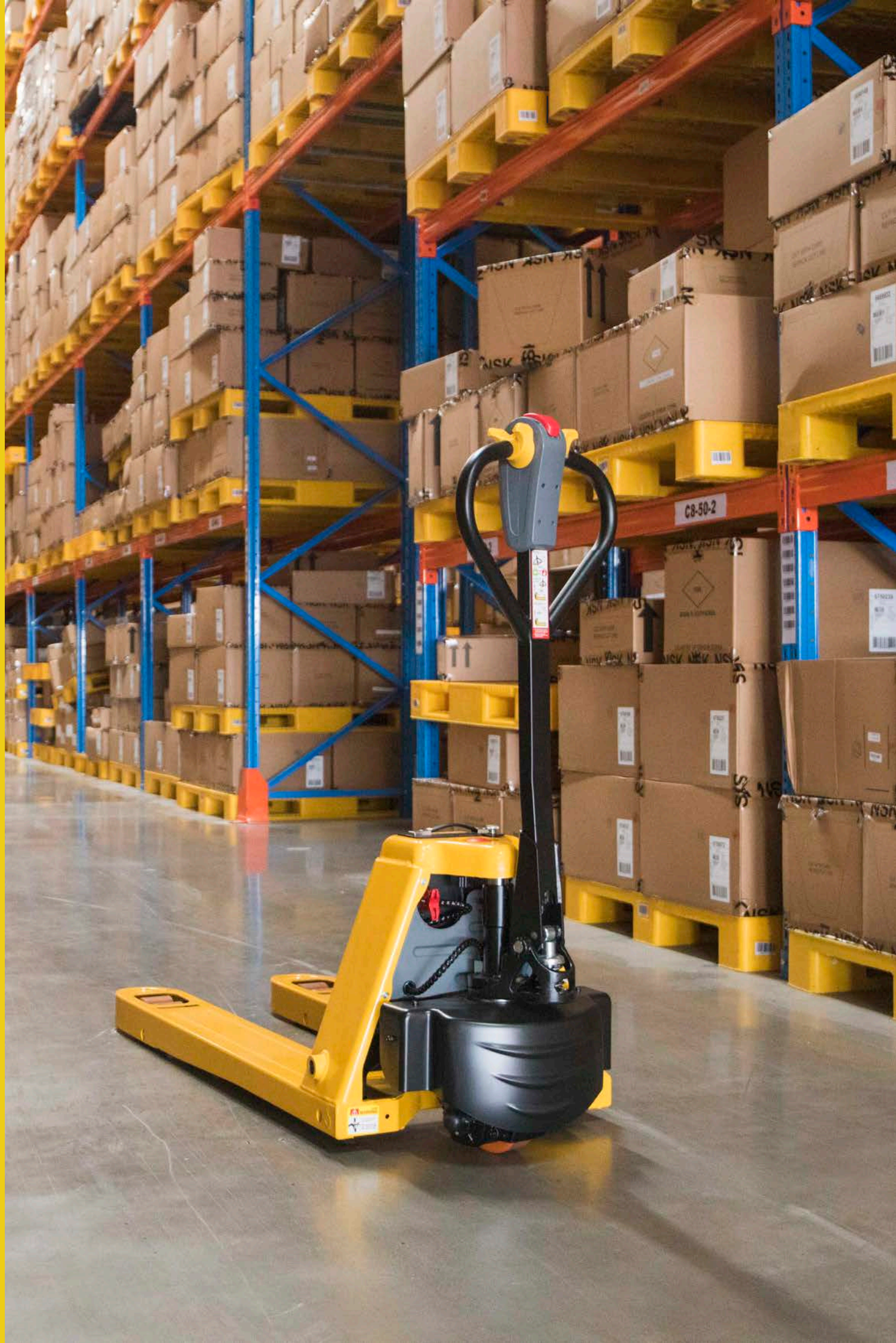


# EPT20H-CF Lithium Pallet Truck

ELECTRIC PALLET TRUCK COLD STORAGE USE | 2000kg Capacity

## Specifications

MODEL		EPT20H-CF	
<b>CHARACTERISTICS</b>			
1.1	Drive		Electric
1.2	Operator type		Pedestrian
1.3	Load capacity/rated load	Q kg	2000
1.4	Load centre	C mm	600
1.5	Height, fork lowered	h <sub>13</sub> mm	82 ± 2
1.6	Wheelbase	y mm	1197/1267
1.7	Wheel		PU
1.8	Wheel size, front	mm	140*55
1.9	Wheel size, rear	mm	80*93 (Single Wheel)
		mm	80*70 (Tandem)
1.10	Wheels, number front/rear (x = drive wheels)		1x+2/4
1.11	Lift	h <sub>3</sub> mm	115
1.12	Height of tiller in drive position, min./max.	h <sub>14</sub> mm	735/1170
1.13	Overall length	L <sub>1</sub> mm	1552/1622
1.14	Fork Length	L mm	1150/1220
1.15	Overall width	b <sub>1</sub> mm	550/685
1.16	Fork dimensions	mm	58/160/1150(1220)
1.17	Distance between fork-arms	b <sub>5</sub> mm	550/685
1.18	Ground clearance, centre of wheelbase	m <sub>2</sub> mm	22/137(24/139)
1.19	Aisle width for pallets 1000x1200 crossways	A <sub>st</sub> mm	2155/2226
1.20	Aisle width for pallets 800x1200 lengthways	A <sub>st</sub> mm	2024/2064
1.21	Turning radius	W <sub>a</sub> mm	1353/1426
<b>PERFORMANCE</b>			
2.1	Travel speed, laden/unladen	km/h	4.0/4.5
2.2	Lifting speed, laden/unladen	mm/s	18/23
2.3	Lowering speed, laden/unladen	mm/s	56/46
2.4	Max. gradeability, laden/unladen	%	6%/20%
2.5	Drive motor	kW	DC 1.0 Brushless
2.6	Lift motor	kW	DC 0.8
<b>BATTERY</b>			
3.1	Battery voltage/nominal capacity	V/Ah	48V/15Ah
3.2	Traveling brake		Regenerate
3.3	Brake		Electromagnetic
3.4	Sound level at the driver's ear according to EN 12053	A	< 70dB
3.5	Service weight including battery	kg	119/125.5



# Branches

## ADAPTALIFT GROUP

### VICTORIA

#### Melbourne - Springvale (Head Office)

📍 1574 Centre Rd  
Springvale, VIC, 3171  
☎ [03] 9547 8000

#### Melbourne - Truganina

📍 501 Robinsons Rd  
Truganina, VIC, 3029  
☎ [03] 9394 4000

### NEW SOUTH WALES

#### Sydney (State Office)

📍 219 Newton Rd  
Wetherill Park, NSW, 2164  
☎ [02] 8788 1777

#### Port Kembla

📍 20-26 Flinders Street  
Port Kembla, NSW, 2505  
☎ 13 22 54

### QUEENSLAND

#### Brisbane (State Office)

📍 11 Lombank Street  
Acacia Ridge, QLD, 4110  
☎ [07] 3373 5111

#### Rockhampton

📍 62 Glenmore Road  
Park Avenue, Rockhampton  
QLD 4701  
☎ [07] 4922 8874

#### Townsville

📍 39 Duckworth Street  
Garbutt, QLD, 4814  
☎ [07] 4778 2000

### SOUTH AUSTRALIA

#### Adelaide (State Office)

📍 18-22 Churchill Rd. Nth.  
Dry Creek, SA, 5094  
☎ [08] 8360 3444

### WESTERN AUSTRALIA

#### Perth (State Office)

📍 Unit 1, 1-9 Kurnall Road  
Welshpool, WA, 6106  
☎ [08] 9352 9200

#### Karratha

📍 Lot 3873-Pemberton Road  
Karratha, WA, 6714  
☎ 13 22 54

### TASMANIA

#### Spreyton

📍 87a Devonport Road  
Spreyton, TAS, 7310  
☎ [03] 6427 3966

### NEW ZEALAND

#### Auckland

📍 10 Offenhauser Drive  
East Tamaki, AKL, 2013  
☎ [09] 0800 111 193

## RIVERINA LIFT TRUCKS

### NEW SOUTH WALES

#### Griffith (RLT Head Office)

📍 42-46 Wakaden Street  
Griffith, NSW, 2680  
☎ (02) 6962 6255

#### Wagga Wagga

📍 25 Saxon Street  
Wagga Wagga, NSW, 2650  
☎ (02) 6925 7888

### FORKWEST

### WESTERN AUSTRALIA

#### Bunbury

📍 68 McCombe Road  
Bunbury, WA, 6230  
☎ [08] 9725 4970

**Disclaimer:** The specifications set out in this brochure are based on current specifications of the units as made available to us from the manufacturer and are correct at the time of printing. Whilst every care has been taken to ensure that these specifications are correct, the specifications may change from time to time and no representation or warranty is made by Adapt-A-Lift Group that these specifications are correct at the time you place any order with us. You should not rely on this brochure as being the correct specifications of the unit(s) and should check with us to ensure that these specifications are correct at the time of placing any order with us.

**13 22 54**  
**www.adaptalift.com.au**