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GEORGE TAYLOR LIFTING GEAR

EPT15H / EPT20H

Lithium Pallet Truck

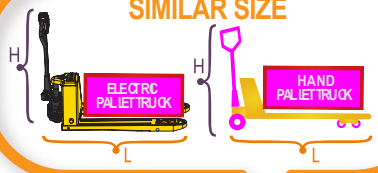
24 hours
BUILT TO WORK



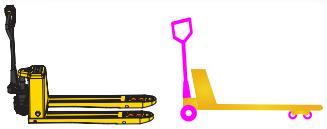
SMART. POWERFUL. DURABLE.

SMART SIZE

SIMILAR SIZE

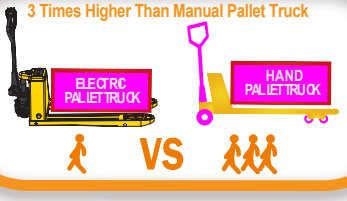


LIGHTWEIGHT

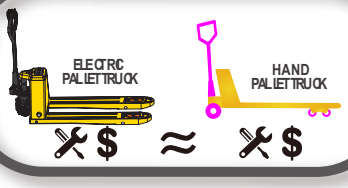


EFFICIENCY

3 Times Higher Than Manual Pallet Truck



EASY MAINTENANCE



LIFETIME

3 Times Longer Than Manual Pallet Truck



1 PC VS 3 PCS

BUILT TO WORK 24 HOURS

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

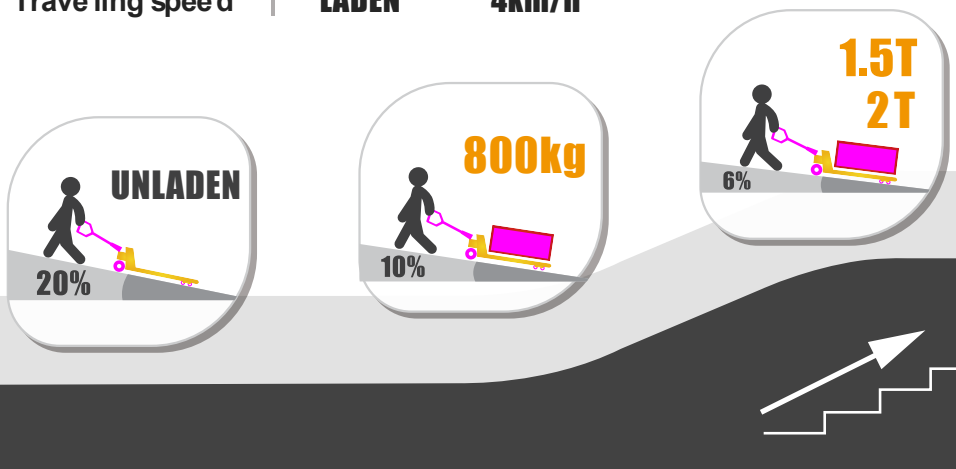
For brushed motor, carbon brush needs to be replaced every 12 or 18 months.
For EPT15H, no need to replace carbon brush.
Maintenance-free, saving maintenance time and cost.



Powerful with high gradeability

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

Trave ling spee d — UNLADEN 4.5km/h
+ LADEN 4km/h



NON-STOP WORKING

6s to replace battery

Lithium-ion

Maintenance-free lithium battery
It takes only 6s to replace battery.
With a spare battery, the unit can keep working 24 hours.

Short charging time
Charge and use freely

Quick charging: 2 hours to fully charge the battery.



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.

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.

Most compact unit with same lifting capacity

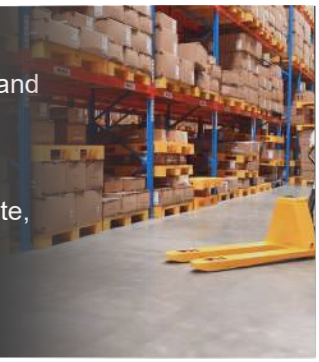
Suitable for small workplaces such as compact workshops, trucks or vans, tail lifts or elevators.
EPT15H has the smallest turning radius among similar products.

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.



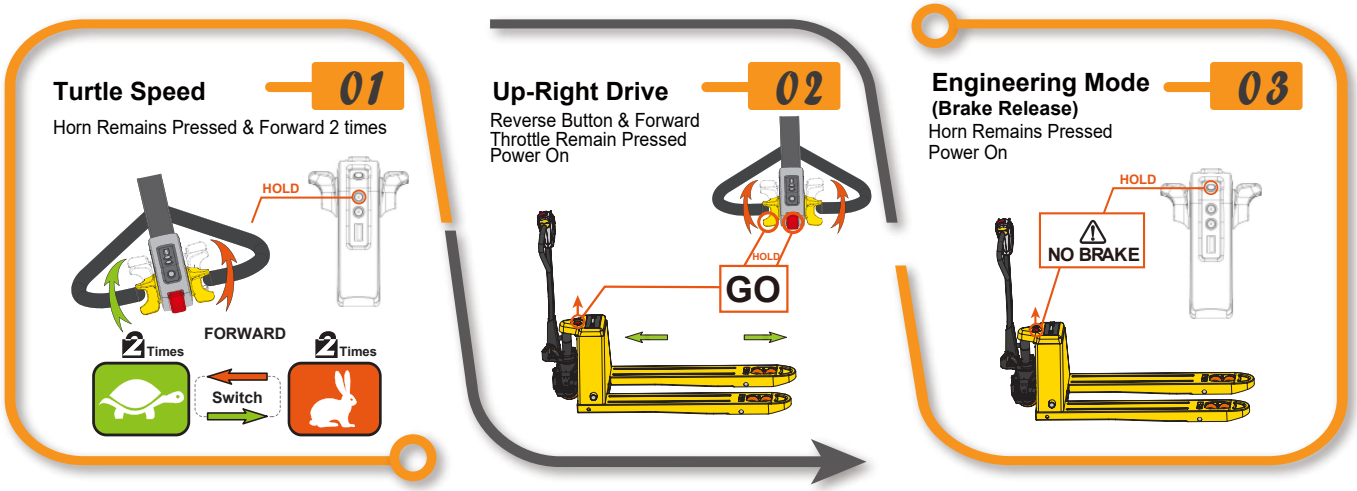
INTELLIGENT CONTROL



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

The core concept of EPT products is to make your job easier.
With the ergonomically designed handle, EPT15H is easy to operate, reduces fatigue and improves work efficiency.
Compared to other brands, users prefer to use EPT series.

Operator Preferred



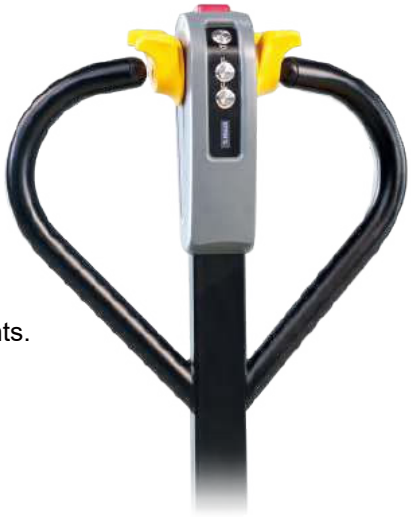
⚠ In up-right drive mode, vehicle will move when handle is operated at any position. Please avoid mis-operation.
⚠ Brake release mode is only for emergencies, not allowed for vehicle with normal conditions.

Comfortable Operation
Easy to operate
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.

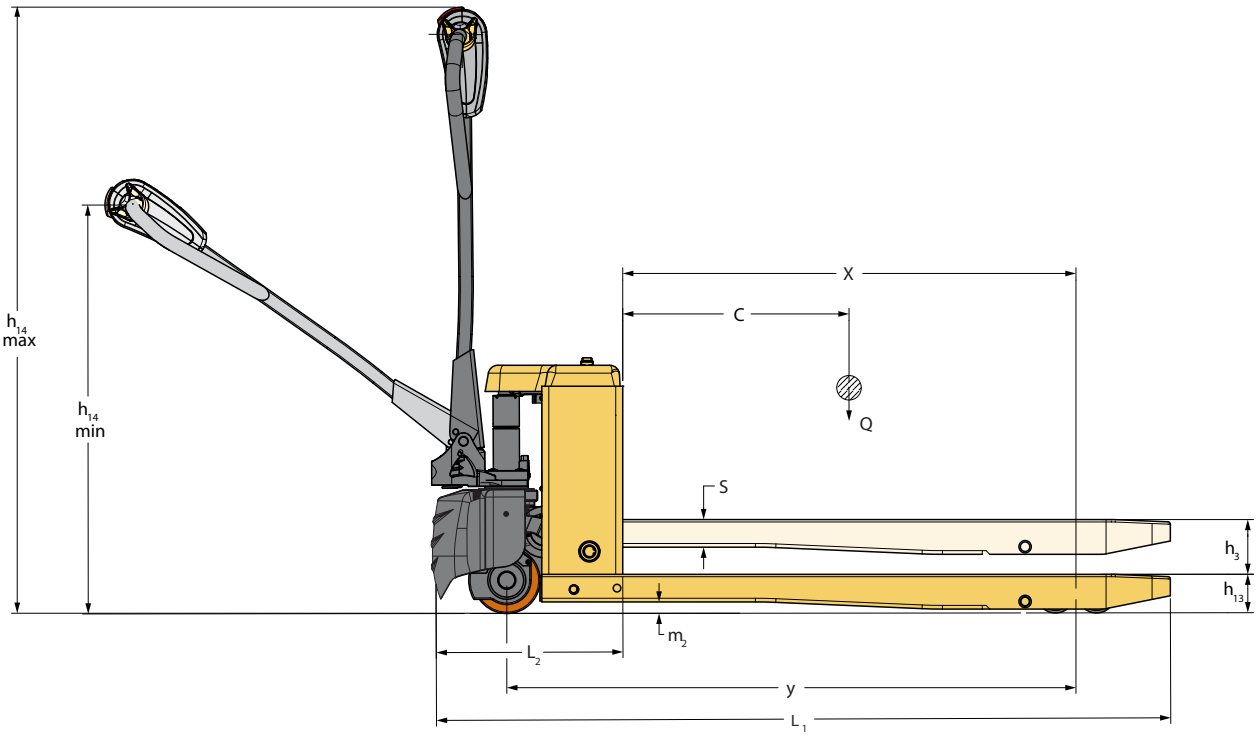


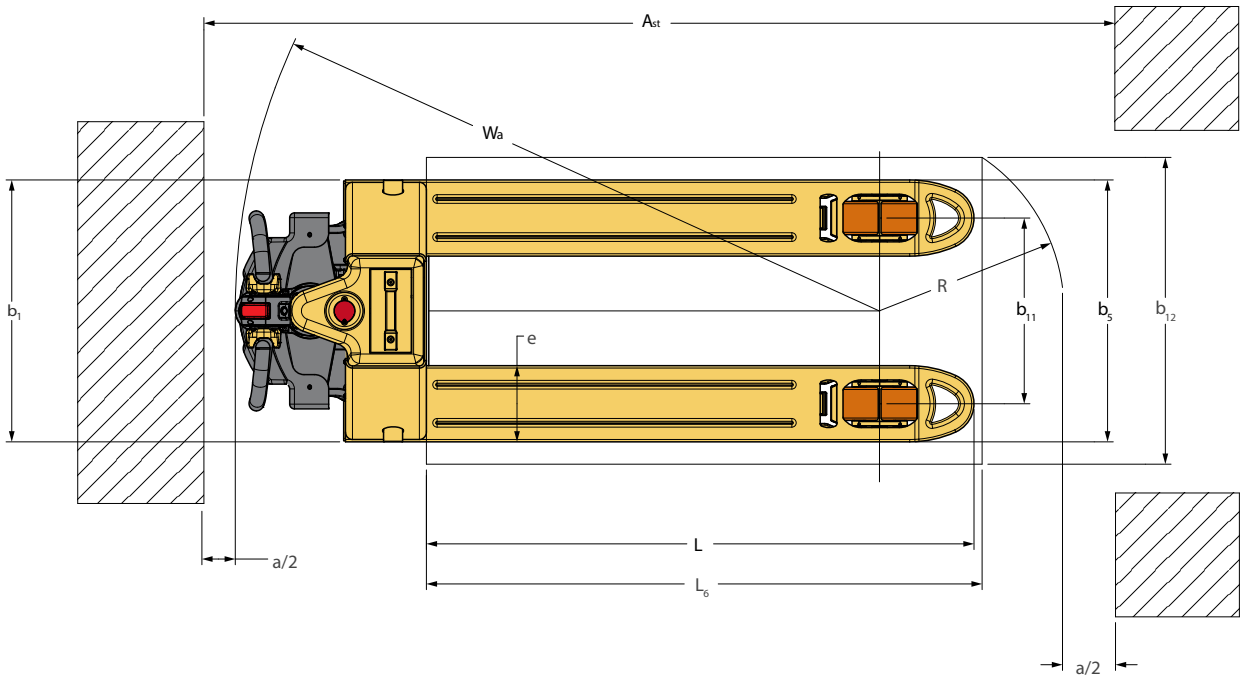
- Recharge alert
- Hour meter
- Powered traveling
- Powered lifting & lowering
- Error code display
- Emergency stop button
- Horn

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.

DRAWING


h14 max
h14 min
X
C
Q
S
h3
h13
m2
L2
y
L1


Ast
Wa
b1
R
b11
b5
b12
e
L
L6
a/2
a/2

DIMENSIONS

	MODEL			PPT20H	EPT15H	EPT20H	EPT15H-65L
	CHARACTERISTICS						
1.1	Drive			Electric	Electric	Electric	Electric
1.2	Operator type			Pedestrian	Pedestrian	Pedestrian	Pedestrian
1.3	Load capacity/rated load	Q	kg	2000	1500	2000	1500
1.4	Load centre	C	mm	600	600	600	600
1.5	Height, fork lowered	h_{13}	mm	82 ± 2	82 ± 2	82 ± 2	65 ± 2
1.6	Wheelbase	y	mm	1197/1267	1197/1267	1197/1267	1197/1267
1.7	Wheel			PU	PU	PU	PU
1.8	Wheel size, front		mm	140*55	140*55	140*55	140*55
1.9	Wheel size, rear		mm	80*93 (Single Wheel)	80*93 (Single Wheel)	80*93 (Single Wheel)	60*93 (Single Wheel)
			mm	80*70 (Tandem)	80*70 (Tandem)	80*70 (Tandem)	60*70 (Tandem)
1.10	Wheels, number front/rear (x = drive wheels)			1x+2/4	1x+2/4	1x+2/4	1x+2/4
1.11	Lift	h_3	mm	115	115	115	110
1.12	Height of tiller in drive position, min./max.	h_{14}	mm	740/1220	740/1220	740/1220	740/1220
1.13	Overall length	L_1	mm	1552/1622	1552/1622	1552/1622	1566/1636
1.14	Fork Length	L	mm	1150/1220	1150/1220	1150/1220	1150/1220
1.15	Overall width	b_1	mm	550/685	550/685	550/685	550/685
1.16	Fork dimensions		mm	58/160/1150(1220)	58/160/1150(1220)	58/160/1150(1220)	45/160/1150(1220)
1.17	Distance between fork-arms	b_5	mm	550/685	550/685	550/685	550/685
1.18	Ground clearance, centre of wheelbase		mm	22/137(24/139)	22/137(24/139)	22/137(24/139)	16.5/133.5(17.2/132.2)
1.19	Aisle width for pallets 1000x1200 crossways	A_{st}	mm	2155/2226	2155/2226	2155/2226	2155/2226
1.20	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	2024/2064	2024/2064	2024/2064	2024/2064
1.21	Turning radius	Wa	mm	1353/1426	1353/1426	1353/1426	1353/1426
	PERFORMANCE						
2.1	Travel speed, laden/unladen		km/h	4.0/4.5	4.0/4.5	4.0/4.5	4.0/4.5
2.2	Lifting speed, laden/unladen		mm/s	/	18/23	18/23	18/23
2.3	Lowering speed, laden/unladen		mm/s	/	56/46	56/46	56/46
2.4	Max. gradeability, laden/unladen		%	6%/20%	6%/20%	6%/20%	6%/20%
2.5	Drive motor		kW	DC 1.0 Brushless	DC 0.75 Brushless	DC 1.0 Brushless	DC 0.75 Brushless
2.6	Lift motor		kW	Hydraulic	DC 0.8	DC 0.8	DC 0.8
	BATTERY						
3.1	Battery voltage/nominal capacity		V/Ah	48V/10Ah(48V/15Ah)	48V/10Ah(48V/15Ah)	48V/10Ah(48V/15Ah)	48V/10Ah(48V/15Ah)
3.2	Traveling brake			Regenerate	Regenerate	Regenerate	Regenerate
3.3	Brake			Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
3.4	Sound level at the driver's ear according to EN 12053		A	< 70dB	< 70dB	< 70dB	< 70dB
3.5	Service weight including battery		kg	117/123.5	116.5/123	119/125.5	116.5/123

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