

EPT20A-BR HEAVY DUTY

LITHIUM PALLET TRUCK WITH LOAD BACK REST

24 HOURS
BUILT TO WORK



Electric Pallet Truck with Load Backrest

Designed for safer handling of taller or more unstable loads, this electric pallet truck is fitted with a robust load backrest to help keep goods securely positioned during transport.

The load backrest is manufactured from strong welded steel, providing a durable barrier behind the forks. This helps support tall loads while also offering additional protection for the operator during movement and positioning.

For added load security, the truck is equipped with an integral securing strap and locking mechanism. This helps give the operator confidence that the load will remain firmly located on the truck during use.

The load backrest measures 1.5m high from the top of the forks, making it ideal for applications where palletised goods, stacked items or taller loads require additional support.

Key Features

- Strong welded steel load backrest
- Helps support tall or unstable loads
- Provides added operator protection
- Integral securing strap with lock
- Backrest height: 1.5m from top of forks

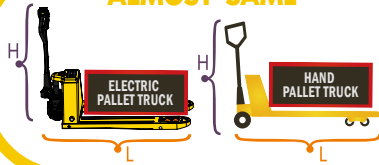
Suitable for safer internal handling of taller palletised goods

SMART **POWERFUL** DURABLE

BUILT TO
WORK
24
HOURS

SMART SIZE

ALMOST SAME



LIGHT WEIGHT

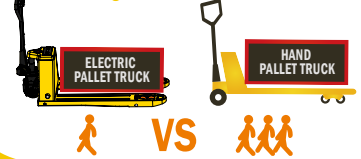


ONLY 125kgs

80 kgs

EFFICIENCY

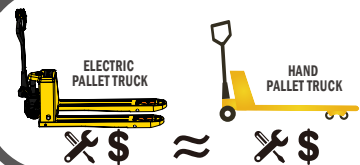
3 Times Higher Than Manual Pallet Truck



VS



EASY MAINTENANCE



LIFETIME

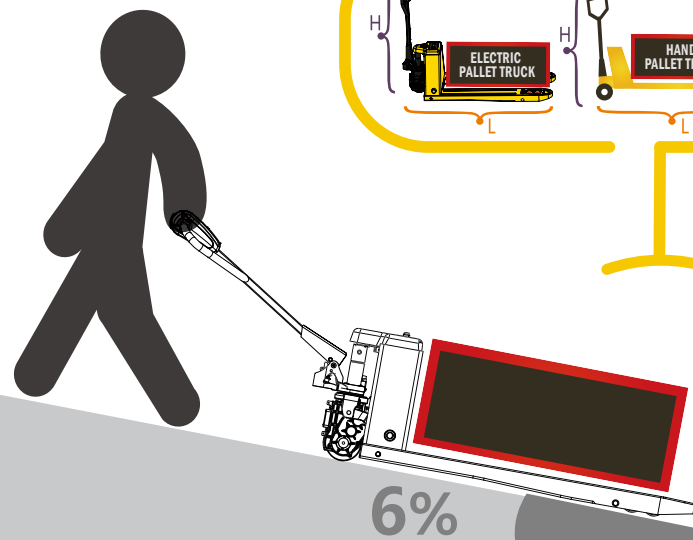
3 Times Longer Than Manual Pallet Truck



1 PC

VS

3 PCS



6%

HIGH RETURN OF INVESTMENT

Safety

PRODUCTIVE

1 MONTH COST
RECOVERY

Optimize
your operations
SAVE LABOUR
Brake any time anywhere

Release manpower

PalletTrucks**UK**.co.uk

Powerful With High Gradeability



Unique brushless technology

Brushless motor, powerful and maintenance free.
Leading in the industry.



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.



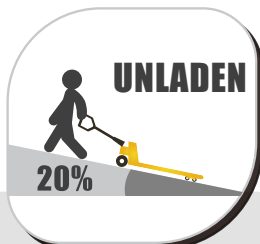
Traveling speed



UNLADEN 4.5km/h



LADEN 4km/h



Gradeability



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Non-stop Working

6s to 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.

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

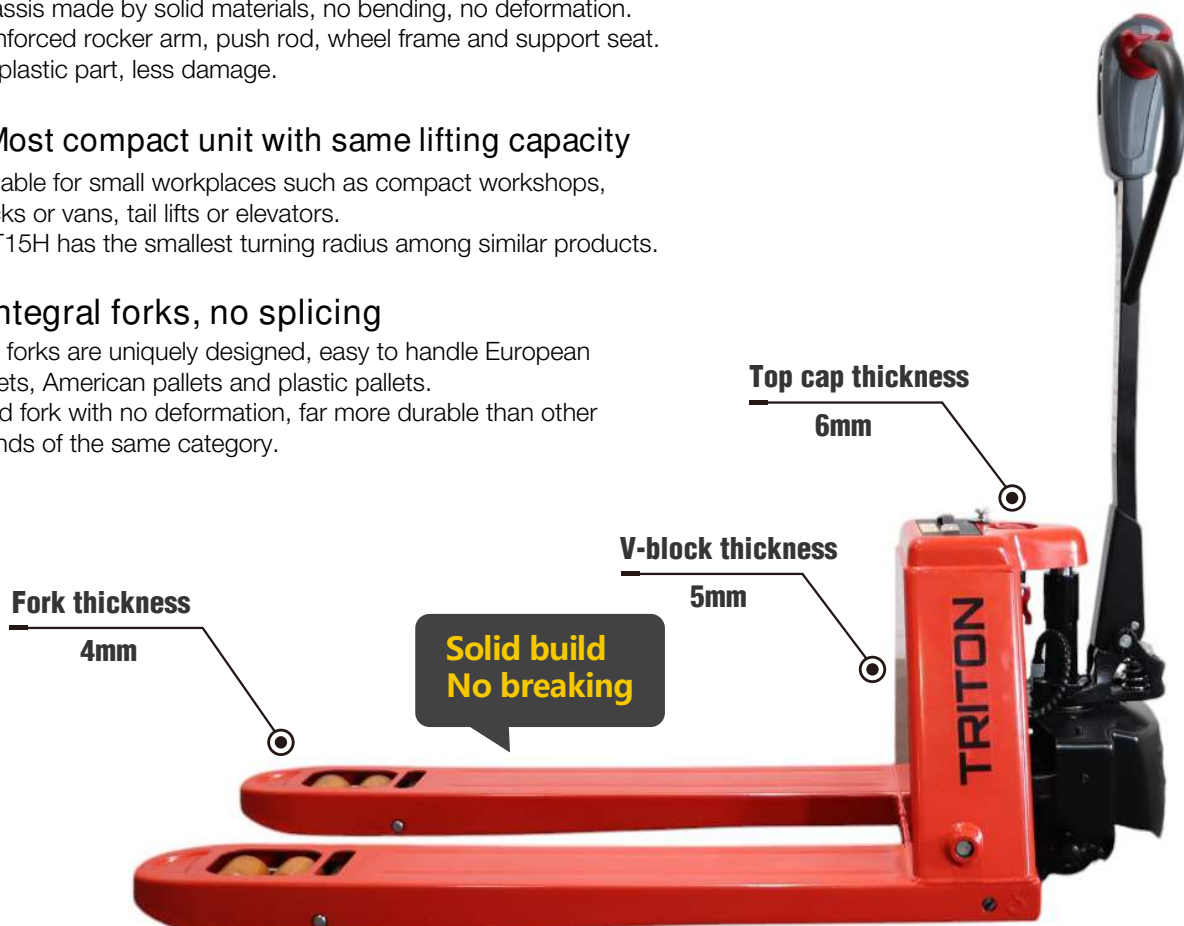
Suitable for small workplaces such as compact workshops,
trucks or vans, tail lifts or elevators.
EPT15H has the smallest turning radius among similar products.

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.

Short charging time Charge and use freely

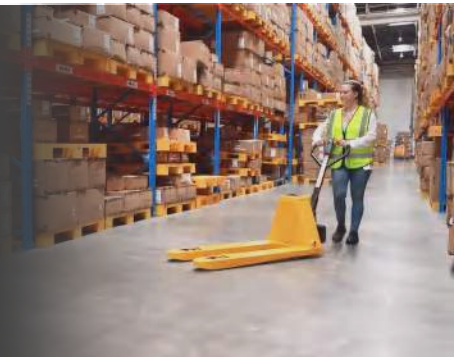
Quick charging: 2 hours to fully charge the battery
using the optional Quick charger.



Intelligent Control

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

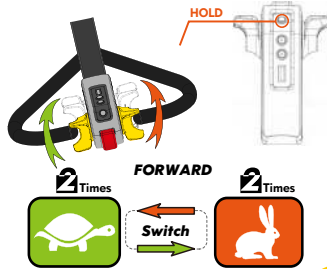
The core concept of MIDLAND products is to make your job easier. With the ergonomically designed handle, EPT15H is easy to operate, reduces fatigue and improves work efficiency. Compared to other brands, users prefer to use MIDLAND EPT series.



Operator Preferred

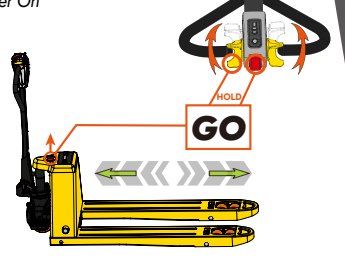
Turtle Speed

Horn Remains Pressed & Forward 2 times



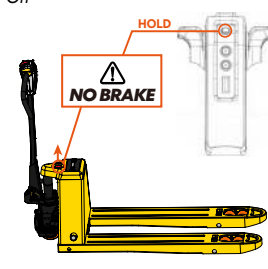
Up-Right Drive

Reverse Button & Forward Throttle Remain Pressed Power On



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.

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.

Engineering Mode

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



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

Slope anti-sliding design

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

Easy Maintenance

EPT series utilizes MIDLAND's integrated diagnostics, error code display and MIDLAND's 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.



Specialized service website & mini-program

Users can identify the fault based on the online troubleshooting videos. No limit on time, no limit on location. Easy access to the most professional solution to all possible truck failures.



Professional after-sales support

Specialist guidance is 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.

MIDLAND EPT Series

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

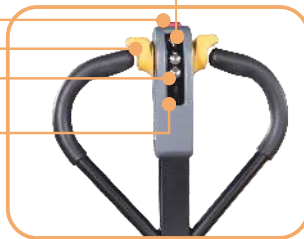
Basic Configuration

EPT20-A

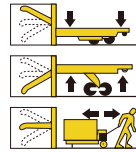
Horn
Emergency reverse button
Forward/reverse butterfly switch
Lifting / Lowering

LCD Screen

- Battery indicator with hour meter
- Error code display
- Recharge alert



Multi-function Handle
(Full Electric)



Tandem/Single PU wheel



Lithium Battery



Protection cover
Protect the drive motor,
Anti-foot stamping

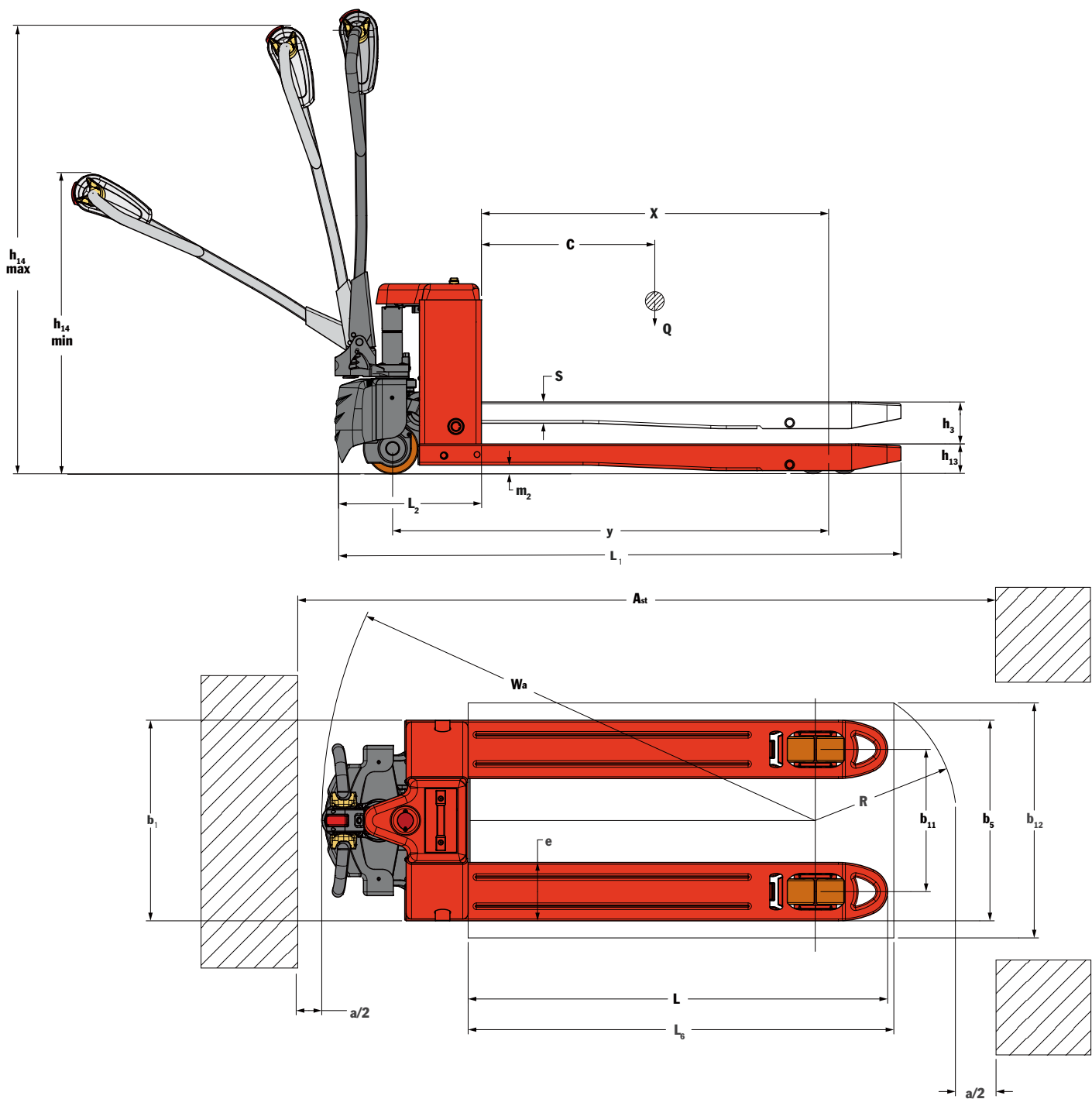


Intelligent charger



Electric lifting/lowering

Dimensions



Specifications

MODEL			PPT20H		EPT15H		EPT20-A		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		2000		1500	
1.4	Load centre		C	mm	600		600		600	
1.5	Height, fork lowered		h ₁₃	mm	82 ± 2		82 ± 2		65 ± 2	
1.6	Wheelbase		y	mm	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	
1.9	Wheel size, rear		mm		80*93 (Single Wheel)		80*93 (Single Wheel)		80*70 (Tandem)	
			mm		80*70 (Tandem)		80*70 (Tandem)		60*93 (Single Wheel)	
									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	195		195		100	
1.12	Height of tiller in drive position, min./max.		h ₁₄	mm	740/1220		735/1170		735/1170	
1.13	Overall length		L ₁	mm	1552/1622		1552		1566/1636	
1.14	Fork Length		L	mm	1150/1220		1150		1150/1220	
1.15	Overall width		b ₁	mm	550/685		550		550/685	
1.16	Fork dimensions		mm		58/160/1150(1220)		58/160/1150(1220)		58/160/1150	
1.17	Overall fork-arms Width		b ₅	mm	550/685		550		550/685	
1.18	Ground clearance, centre of wheelbase		m ₂	mm	22/137(24/139)		22/137(24/139)		22/137	
1.19	Aisle width for pallets 1000x1200 crossways		A _{st}	mm	2155/2226		2155/2226		2155/2226	
1.20	Aisle width for pallets 800x1200 lengthways		A _{st}	mm	2024/2064		2024/2064		2024/2064	
1.21	Turning radius		W _a	mm	1353/1426		1353/1426		1353	
									1353/1426	
PERFORMANCE										
2.1	Travel speed, laden/unladen		km/h		4.0/4.5		4.0/4.5		4.0/4.5	
2.2	Lifting speed, laden/unladen		mm/s		/		18/23		18/23	
2.3	Lowering speed, laden/unladen		mm/s		/		56/46		56/46	
2.4	Max. gradeability, laden/unladen		%		6%/20%		6%/20%		6%/20%	
2.5	Drive motor		kW		DC 1.0 Brushless		DC 0.75 Brushless		DC 1.0 Brushless	
2.6	Lift motor		kW		Hydraulic		DC 0.8		DC 0.8	
BATTERY										
3.1	Battery voltage/nominal capacity		V/Ah		48V/10Ah		48V/10Ah		48V/10Ah	
3.2	Traveling brake				Regenerate		Regenerate		Regenerate	
3.3	Brake				Electromagnetic		Electromagnetic		Electromagnetic	
3.4	Sound level at the driver's ear according to EN 12053		A		< 70dB		< 70dB		< 70dB	
3.5	Service weight including battery		kg		117/123.5		116.5/123		119/125.5	
									116.5/123	

| MAKE
YOUR JOB
EASIER!

