



LPT15 / LPT20 Lithium Powered Electric Pallet Truck

Safety

Reliable braking prevents sliding on slopes or with fork tailboards; release the butterfly switch and press the emergency stop button to stop for safe operation.

Reliability

All-metal body ensures safety and reliability; large-diameter PU drive wheels enable smooth travel, while wear-resistant, durable PU load wheels guarantee long service life.

Service

Quick-release drive wheels (≤ 1 minute) allow easy self-replacement; scan the vehicle QR code for operation and maintenance videos to facilitate customer learning and operation.

Performance

48V 850W high-power drive motor offers fast speed and strong climbing capability, suiting more working conditions, meeting diverse driving needs, and excelling in warehouses, workshops and flatbed carriages.

Confort

Multifunctional steering handle enables one-handed operation with easy-access function buttons; ergonomic design ensures comfortable, fatigue-free operation.



Main Features

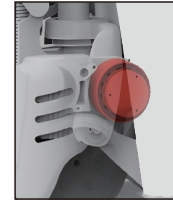


Delicate Figure, Smooth Driving and Handling

Integrated pump assembly, no oil pipes, minimal wiring harness, and streamlined space, achieving a body thickness of 300mm
Suitable for working in narrow spaces such as elevators and freight boxes



200mm drive wheel
High ground clearance and
good passability

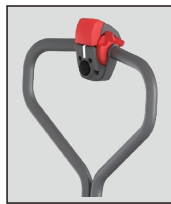


Horizontal drive layout
Low center of gravity of the
vehicle, smooth driving



Easy to Operate, Powerful Climbing Power

850W high-power drive motor with strong power output, capable of climbing up to 9% under full load, Fully electric walking, lifting/lowering, easy to achieve loading and unloading, and cross floor handling.



Integrated steering handle
Centralized operation
buttons, easy to operate
with one hand



Plug and unplug lithium
batteries
Quick disassembly design,
quick replacement in 6
seconds

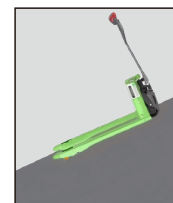


Broader scope of application

Homework safety, wider application scenarios
One cable for the entire vehicle, waterproof and cold resistant design, not easily bent or broken, supports -20 °C working environment Satisfy customers' multiple indoor and outdoor needs, ensuring worry free use throughout the year



Closed metal top cover
High strength and stable
structure



Multiple braking modes
Parking on a slope without
sliding

Standard and Optional Equipment

Standard Equipment

Polyurethane drive wheel
 Tandem load wheels PU
 Fork length: 1150mm
 Width across the forks: 560mm
 Key switch
 Creep Speed
 48V10Ah lithium battery (KION) - 1.5T
 48V15Ah lithium battery (KION) - 2T
 48V2.5A external charger - 1.5T
 48V5A external charger - 2T
 Electromagnetic brake

Optional Equipment

Width across the forks: 685mm
 Multi length specification fork
 48V15Ah lithium battery (KION) - 1.5T
 Extra LIB 48V10Ah detachable
 Extra LIB 48V15Ah detachable
 48V5A external charger - 1.5T



Specification				
Item	Model		LPT15	LPG20
1	Power unit		Lithium	Lithium
2	Operation		Walkie	Walkie
3	Load capacity	Q (kg)	1500	2000
4	Load centre	c (mm)	600	600
5	Axle centre to fork face	x (mm)	942	942
6	Wheelbase	y (mm)	1125/1066	1125/1066
7	Service weight	kg	107	112
8	Axle load with load, drive/load side	kg	534/1073	527/1075
9	Axle load without load drive/load side	kg	80/27	83/29
10	Tyre, operator/load side		polyurethane	polyurethane
11	Tyre size, drive side	mm	200X60	200X60
12	Tyre size, load side	mm	80X60	80X60
13	Wheels number, drive/load side (x=driven)		1X+/4	1X+/4
14	Track width, load side	b11 (mm)	410/535	410/535
15	Lift	h3 (mm)	115	115
16	Height of tiller arm in operation, min/max	h14(mm)	700/1190	700/1190
17	Fork height, lowered (max)	h13 (mm)	80	80
18	Overall length. (platform folded/lowered)	l1 (mm)	1450	1450
19	Length to fork face. (platform folded/lowered)	l2 (mm)	300	300
20	Overall width	b1 (mm)	560/685	560/685
21	Fork dimensions	s/e/l (mm)	55/150/1150	55/150/1150
22	Fork spread, min./max.	b5 (mm)	560/685	560/685
23	Ground clearance, (Full load)	m2 (mm)	25	25
24	Aisle width, 1000x1200mm pallet crosswise	Ast (mm)	2045	2045
25	Aisle width, 800x1200mm pallet lengthwise	Ast (mm)	1918	1918
26	Turning radius	Wa (mm)	1245	1245
27	Travel speed, with/without load	km/h	5.2	4.8
28	Lift speed, with/without load	m/s	0.022/0.028	0.020/0.024
29	Lower speed, with/without load	m/s	0.054/0.031	0.033/0.029
30	Maximum gradeability, with/without load	%	9/20	8/20
31	Acceleration time, with/without load	s	3	6
32	Drive motor output (60 min. rating)	Kw	0.85	0.85
33	Lift motor output (10% rating)	Kw	0.5	0.5
34	Battery voltage/rated capacity (20h)	V/Ah	48V10Ah	48V15Ah
35	Battery weight	kg	5.3	6.9
36	Service brake		electromagnetic	electromagnetic
37	Type of drive control		DC ontrrol	DC ontrrol
38	Sound level at driver's ear	dB (A)	70	70