

# Electric Pallet Truck

Next generation truck equipped with energy efficient li-ion batteries with rapid charge to streamline operations.

- **Sleek, Sturdy Design with Enhanced Strength & Stability:** Presented with a compact appearance, robust structure, and a durable metal outer cover that is resilient against impact damage. Incorporates an integrated rocker arm, elevating structural stability and performance.
- **Multi-functional Control Handle:** Features an intuitive interface combining various operations such as lifting, lowering, electric locks, forward and backward movements, an information display and emergency reversals.
- **Sustainable Performance:** Operates quietly, free of pollution, and conserves energy, meeting stringent environmental standards.
- **Enhanced Handling & Maneuverability:** Employs a new handle design offering a low-speed movement function, optimizing control in sensitive spaces. Truck also features an exceptionally small turning radius that allows for easy navigation in thinner aisles.
- **System & Safety Features:** Features a reliable low hydraulic pressure system and a large-diameter plunger cylinder (providing extended service life and a low failure rate). Equipped with safe features such as an emergency reverse button, electrical limiters at max height and a lifting overload protection.
- **Efficient Battery Replacement:** Facilitates highly efficient quick side-way battery replacement in a matter of seconds without any additional tools.
- **Ease of Maintenance:** Swift disassembly for easy access to inner truck components for maintenance. Handles can also be removed with ease and packed together for space optimization.

For more information, please visit: [www.uslindustrial.com](http://www.uslindustrial.com)

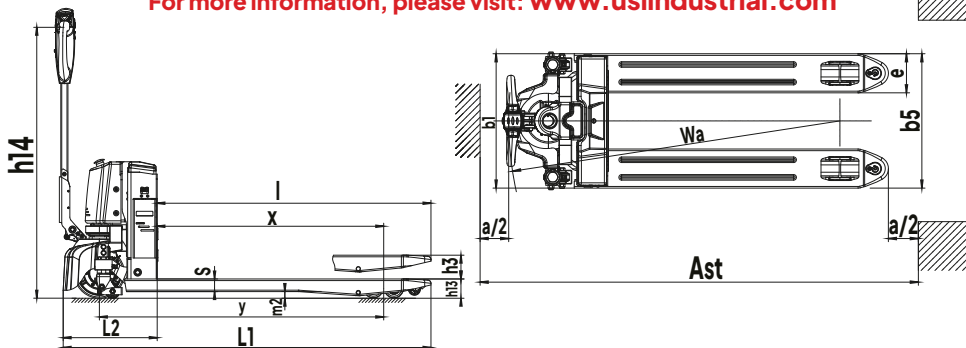


Figure 1.

# Electric Pallet Truck

Model  
**LI-EPT-LI-15/20**



Efficiency in Motion  
Electric Pallet Trucks

Model		LI-EPT-LI-15	LI-EPT-LI-20
General Information	Drive type	Electric	Electric
	Operator type	Pedestrian	Pedestrian
	Rated capacity	1500 (kg)   3306.9 (lb)	2000 (kg)   4409.2 (lb)
	Load center distance	C 600 (mm)   1 ft 11.6 in	600 (mm)   1 ft 11.6 in
	Distance from fork roller center to fork surface	X 950/1020 (mm)   3 ft 1.4 in/ 3 ft 4.2 in	950/1020 (mm)   3 ft 1.4 in/ 3 ft 4.2 in
	Wheelbase	y 1195/1265 (mm)   3 ft 11 in/ 4 ft 1.8 in	1195/1265 (mm)   3 ft 11 in/ 4 ft 1.8 in
Weight	Service weight	135 (kg)   297.6 (lb)	140 (kg)   308.7 (lb)
	Axle loading, laden front/rear	95/40 (kg)   209.4/ 88.2 (lb)	98/42 (kg)   216.1/ 92.6 (lb)
	Axle loading, unladen front/rear	665/970 (kg)   1466.1/ 2138.5 (lb)	870/1270 (kg)   1918 / 2799.9 (lb)
Tires	Tires	Polyurethane (PU)	Polyurethane (PU)
	Tire size, drive wheel	Φ210×70 (mm)   Φ8.3 x 2.8 (in)	Φ210×70 (mm)   Φ8.3 x 2.8 (in)
	Tire size, fork roller	Φ80×93/Φ80×70 (mm)   Φ3.1 x 3.7/ Φ3.1 x 2.8 (in)	Φ80×93/Φ80×70 (mm)   Φ3.1 x 3.7/ Φ3.1 x 2.8 (in)
	Wheels, number front/rear (x = drive wheel)	1 x / 2 (4)	1 x / 2 (4)
	Tread, rear	390/520 (mm)   1 ft 3.4 in/1 ft 8.5 in	390/520 (mm)   1 ft 3.4 in/1 ft 8.5 in
Dimensions	Max. lift height	h3 110 (mm)   4.3 (in)	110 (mm)   4.3 (in)
	Height drawbar in driving position min./max.	h14 650/1135 (mm)   2 ft 1.6 in/ 3 ft 8.7 in	650/1135 (mm)   2 ft 1.6 in/ 3 ft 8.7 in
	Lowered fork height	h13 80 (mm)   3.1 (in)	80 (mm)   3.1 (in)
	Overall length	L1 1545/1615 (mm)   5 ft 0.8 in/ 5 ft 3.6 in	1545/1615 (mm)   5 ft 0.8 in/ 5 ft 3.6 in
	Length to face of forks	L2 395 (mm)   1 ft 3.6 in	395 (mm)   1 ft 3.6 in
	Overall width	b1 550/680 (mm)   1 ft 9.7 in/ 2 ft 2.8 in	550/680 (mm)   1 ft 9.7 in/ 2 ft 2.8 in
	Fork dimension	s/e/l 70/160 / 1150 (1220) (mm)   2.8 in/ 6.3 in/ 3 ft 9.3 in (4 ft)	70/160 / 1150 (1220) (mm)   2.8 in/ 6.3 in/ 3 ft 9.3 in (4 ft)
	Fork spread	b5 550/680 (mm)   1 ft 9.7 in/ 2 ft 2.8 in	550/680 (mm)   1 ft 9.7 in/ 2 ft 2.8 in
	Ground clearance, center of wheelbase	m2 27 (mm)   1.1 (in)	27 (mm)   1.1 (in)
	Aisle width for pallets 1000 × 1200 crossways	Ast 2150/2210 (mm)   7 ft 0.6 in/ 7 ft 3 in	2150/2210 (mm)   7 ft 0.6 in/ 7 ft 3 in
	Aisle width for pallets 800 × 1200 lengthways	Ast 2015/2055 (mm)   6 ft 7.3 in/ 6 ft 8.9 in	2015/2055 (mm)   6 ft 7.3 in/ 6 ft 8.9 in
	Turning radius	Wa 1345/1415 (mm)   4 ft 5 in/ 4 ft 7.7 in	1345/1415 (mm)   4 ft 5 in/ 4 ft 7.7 in
	Performance Data	Travel speed, laden/unladen	km/h 4.3/ 4.5
Lift speed, laden/unladen		m/s 0.025/ 0.03	0.02/ 0.025
Max. gradeability, laden/unladen		% 5/ 20	6/ 20
Battery	Service brake	Electric brake	Electric brake
	Drive motor power	kW 0.75	1
	Lift motor power	kW 0.8	0.8
	Battery voltage/nominal capacity	V/ Ah 24/ 20	48/ 30
	Controller type	DC brush	DC brushless
	Noise level at operator's ear, according to DIN12053	dB (A) 70	70

\*Refer to Figure 1. for additional info for abbreviation references (eg. h14).