

# PT16L-ION / PT20L-ION



**Electric pedestrian pallet truck with 1600 and 2000 kg load capacity**



## INTRODUCTION

The PT L-ION pallet truck range, with its design incorporating top-of-the-range components, is at the cutting edge of technology, placing it in the premium segment of the electric pallet truck market. All powered by a 100 Ah lithium-ion battery.

## ADVANTAGES

- Ergonomic, compact and easy to handle
- High-performance and robust
- 100 Ah fast-charging Li-ion battery
- Powerful, maintenance-free AC motor unit
- Main components from premium brands



← 100AH LITHIUM BATTERY

90° STRAIGHT DRAWBAR  
STEERING POSSIBLE →

CODE START  
PIN AND/OR RFID



ONLY 420MM FOR PT16L-ION

## SOLID, RELIABLE DESIGN

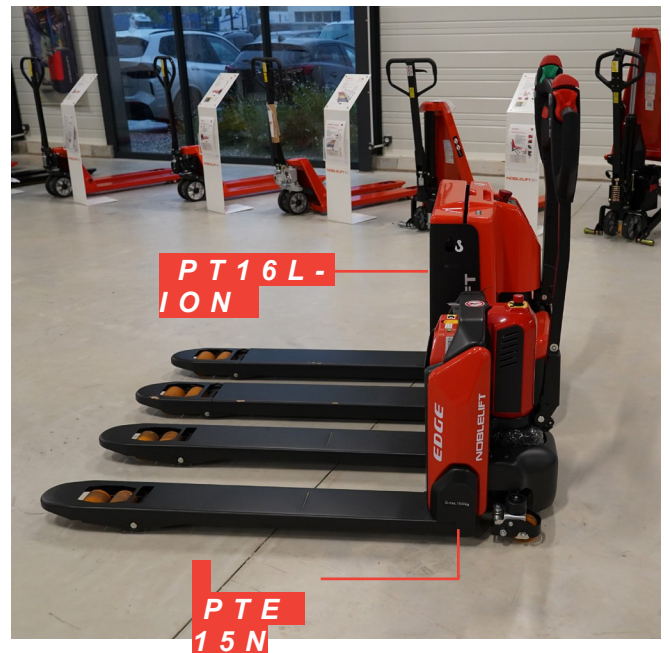
The PT L pallet truck range features an extremely robust 8 mm thick chassis. The battery cover is made of steel to minimize maintenance costs and damage. The traction motor and brake are well protected.

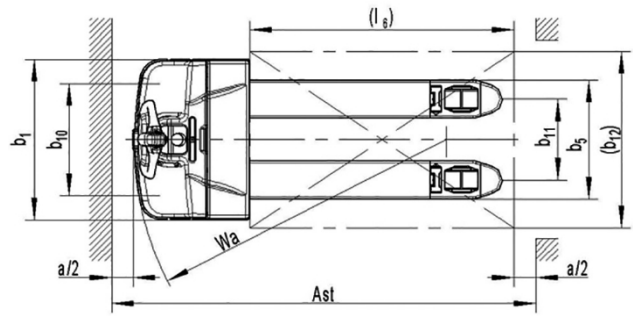
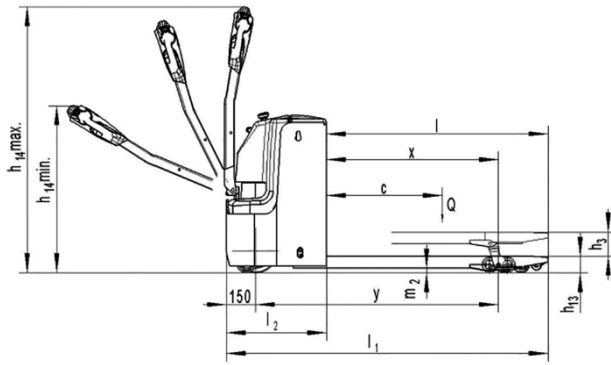


Start Pin code CURTIS display

Possibility of working with 90° straight drawbar

Extremely compact  
Length without forks (l2) = 420mm





Technical data to VDI 2198					
Features	1.2	Reference ♦ Model		<b>PT16L-ION</b>	<b>PT20L-ION</b>
	1.3	Propulsion mode		electric	
	1.4	Drive type		companion	
	1.5	Rated capacity	<i>Q (t)</i>	1,6	2
	1.6	Center of gravity	<i>c (mm)</i>	600	600
	1.8	Distance from deck to roller centerline	<i>x (mm)</i>	964	964
	1.9	Wheelbase	<i>y (mm)</i>	1258	1336
Weight	2.1	Weight with batteries	<i>kg</i>	357	411
	2.2	Axle load with front/rear load	<i>kg</i>	991 / 966	674 / 1237
	2.3	Axle load without front/rear load	<i>kg</i>	295 / 62	333 / 77
Wheels Chassis	3.1	Wheels		polyurethane (PU)	
	3.2	Drive wheel dimensions	$\emptyset \times w$ (mm)	$\emptyset 230 \times 70$	$\emptyset 230 \times 70$
	3.3	Front roller dimensions	$\emptyset \times w$ (mm)	$\emptyset 84 \times 84 / 82 \times 110$	
	3.4	Stabilizer wheel dimensions	$\emptyset \times w$ (mm)	$\emptyset 100 \times 40$	$\emptyset 100 \times 40$
	3.5	Number of wheels front / rear ( <i>x</i> = drive wheel)		1 <i>x</i> + 2 / 4	1 <i>x</i> + 2 / 4
	3.6	Frame spacing	<i>b10 (mm)</i>	510	510
	3.7	Rear wheel center distance	<i>b11 (mm)</i>	367 / 512	367 / 512
Dimensions	4.4	Standard lift	<i>h3 (mm)</i>	120	120
	4.9	Height of drawbar in min/max running position	<i>h14 (mm)</i>	765 / 1250	765 / 1250
	4.15	Minimum fork height	<i>h13 (mm)</i>	85/83	85/83
	4.19	Overall length	<i>l1 (mm)</i>	1590	1668
	4.20	Length without forks	<i>l2 (mm)</i>	420	518
	4.21	Overall width	<i>b1 (mm)</i>	729	729
	4.22	Fork dimensions	<i>s / e / l (mm)</i>	60 / 173 / 1150	60 / 173 / 1150
	4.25	Outside fork width	<i>b5 (mm)</i>	540 / 685	540 / 685
	4.32	Ground clearance	<i>m2 (mm)</i>	25/28	25/28
	4.33	Aisle width with pallet 800 x 1200 mm longitudinal	<i>Ast (mm)</i>	2086	2156
4.34	Radius of gyration	<i>Wa (mm)</i>	1422	1482	
Performance	5.1	Travel speed with/without load	<i>km / h</i>	5,7 / 6	5,7 / 6
	5.2	Lift speed with/without load	<i>mm / s</i>	25 / 35	22 / 33
	5.3	Lowering speed with / without load	<i>mm / s</i>	35 / 30	45 / 31
	5.8	Permissible slope with/without load	%	8 / 15	8 / 15
	5.10	Service brake		electromagnetic	
Electrical system	6.1	Traction motor, power S2 60 min	<i>kW</i>	1,3	1,3
	6.2	Elevation motor, power S3 10	<i>kW</i>	0,8	0,8
	6.3	Batteries to DIN 43531 / 35 / 36 A, B, C, No		/	/
	6.4	Battery voltage / rated capacity K5	<i>V / Ah</i>	24 / 100	24 / 100
	6.5	Battery weight	<i>kg</i>	29.5	29.5
	6.6	Energy consumption according to VDI cycle	<i>kWh / h</i>	0,147	0,337
Miscellaneous	8.1	Transmission type		AC - speed control	
	8.4	Driver's ear noise level to EN 12053	<i>dB (A)</i>	<70	<70