



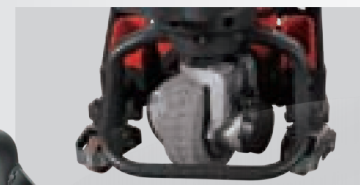
Exchangeable battery

The PT E12 is equipped with a powerful 45 Ah maintenance free AGM battery system. When the battery capacity comes to an end, the truck can be further operated by just replacing the battery with another one (option) to enlarge (double) the operating time.

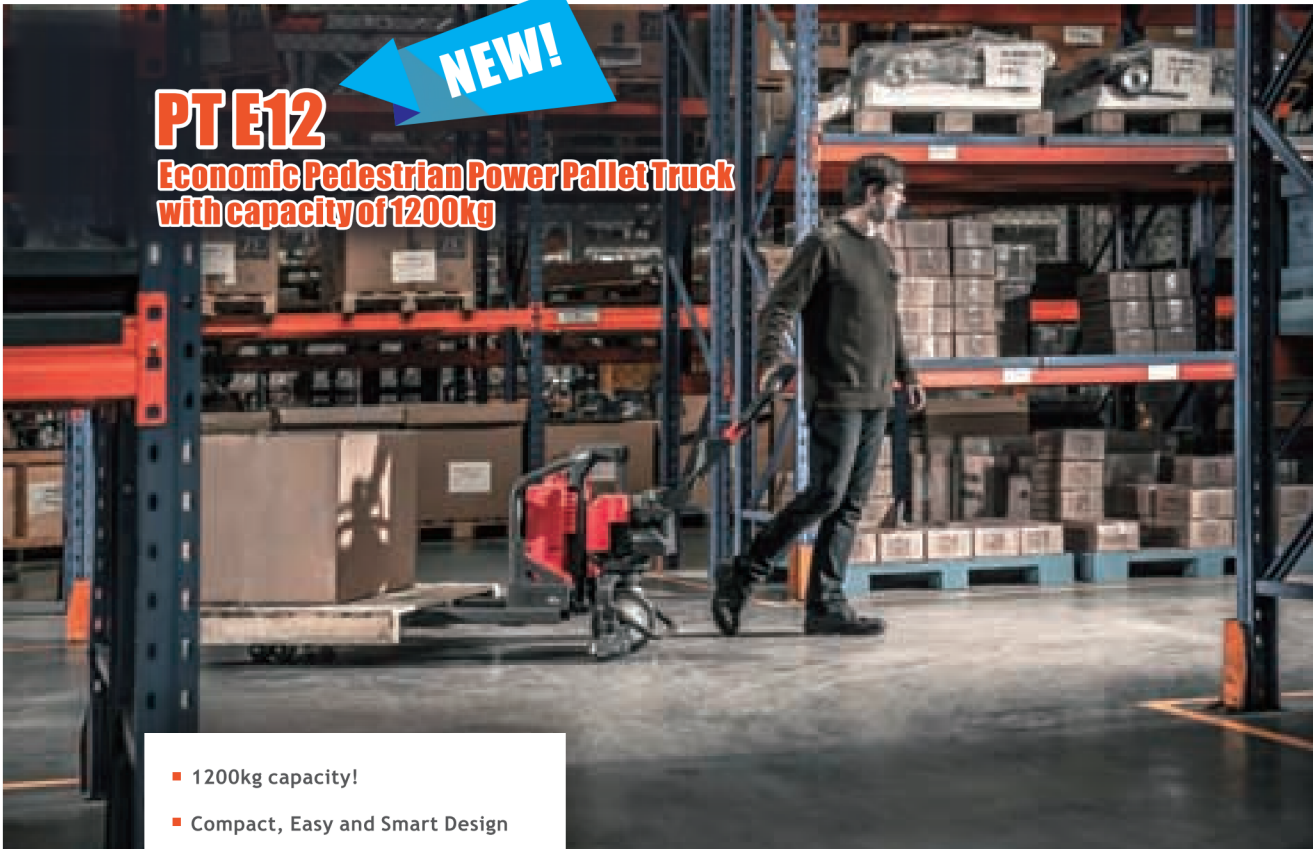
Less Service costs with less wiring

The components are arranged in a way which reduces the wiring and which reduces possible electrical defects. The controller is assembled directly to the electrical lifting system. The only lifted cables are the battery cables.

Optional Non-marking rubber drive wheel gives better traction ideal for outdoor or delivery applications.



PT E12
Economic Pedestrian Power Pallet Truck
with capacity of 1200kg



- 1200kg capacity!
- Compact, Easy and Smart Design
- Designed for Downtown Deliveries on the last meters
- Low Service Weight predestinated for Tail-lift use
- Low Noise High Quality Drive Motor

INTRODUCTION

The PT E12 is designed for the last "Mile"-deliveries where the pallet weight is not more than 800kg normally. With its low service weight the truck is tailored to the downtown low duty delivery applications with tail- lifts.

Ergonomic tiller with Battery Discharge Indicator

We concentrated on ergonomic and easy solutions. The result is a smart control and indication unit, where all necessary functions are implemented.

Electric lifting function with long tiller

The electric lifting function gives the operator the daily comfort which is required for daily operations. Through the electric lifting button the load is effortless lifted while the manually lowering lever gives more sensitivity to be able to place the goods silently.

Low Service weight and robust design

Through the total new design, the truck is robust at the drive end side as well as to the fork-side. All parts are easy to maintain.



PT E15

Economic Power- Electric Pallet Truck Compact and Reliable Design



INTRODUCTION

The PT E15 is an economic walkie-electric pallet truck, with rated capacity of 1500kg/3300lbs.

The compact and light design is suitable for a variety of low duty applications in warehouses or delivery applications on lorries with tail lifts.

With the electric lifting and the lowering both function can be controlled easily and safely.

ADVANTAGES

- Ideal solution for low-duty applications.
- Built-in charger for high autonomy optional external charger available.
- Battery discharge indicator with automatic lift cut-off function for higher battery lifetime.
- Additional stabilization through stabilizers.
- Optional backrest on request.
- Several fork versions and backrest available on request

Unique design with the electric lifting and the lowering lever, both functions can be controlled easily and safely.



Built-in charger

The built-in charger makes operations more autonomous and increases the operating range. Optional external charger.



Easy pallet entry

Additional entry rollers ensure easy pallet entry and prevent possible damages.



Robust chassis

Robust chassis with reinforced fork-structure (7mm together).

Sideways castors

Sideways castors ensure travelling stability and safety in medium applications.



The powerful 64Ah (2x12V 64Ah) batteries give enough autonomy the truck needs. Optional 2x12V 85Ah battery.



Deep discharge protection

Proofed and ergonomic emergency button and discharge indicator, more robust and reliable than others. The included automatic battery protection ensures high lifetime for the batteries.

Proofed components

Proofed components such as sensors, micro-switches and controller, and hydraulic units from international brands.

Fulfilling standards

Fulfilling the actual valid European standards, also in ISO 13849, performance level.



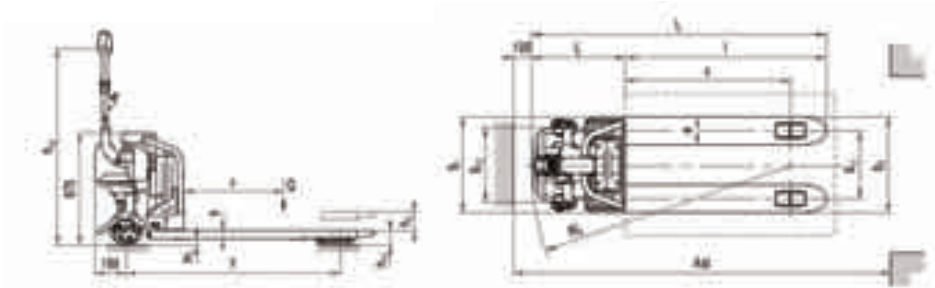
Suspension Castors

Suspension castors better with performance in overcoming obstacles, high travelling stability, and less wear & noise.

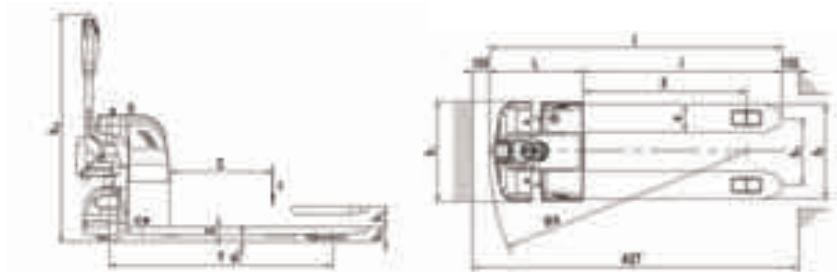
Protection

Motor and wheel protection out of robust metal. Also gives perfect foot protection.

PTE12



PTE15



Ttype sheet for industrial truck acc. to VDI 2198 1KG=2.2LB 1INCH=25.4MM

Distinguishing mark	1.2 Manufacturer's type designation		PTE12		PTE15			
	1.3 Drive		Battery		electric			
Weight	1.4 Operator type		Pedestrian		Pedestrian			
	1.5 Load Capacity / rated load		Q(t)	lbs	1.2	1.5	1.5	3300
	1.6 Load centre distance		c(mm)	in	600	600	600	23.6
	1.8 Load distance ,centre of drive axle to fork		x(mm)	in	947	946	946	37.2
	1.9 Wheelbase		Y(mm)	in	1293	1293	1363	53.9
Tires, chassis	2.1 Service weight		kg	lbs	170	190	200	440
	2.2 Axle loading, laden front/rear		kg	lbs	500 / 870	510/1180	560/1140	1232/2508
	2.3 Axle loading, unladen front/rear		kg	lbs	130 / 40	150/40	150/40	352/88
Dimensions	3.1 Tires		Polyurethane (PU)					
	3.2 Tire size, front		Øx w (mm)	in	Ø220×70	Ø220×70	Ø220×70	Ø 8.7×2.8
	3.3 Tire size, rear		Øx w (mm)	in	Ø80×93 Ø80×70	Ø80×70	Ø80×93	Ø 3.1×3.7
	3.4 Additional wheels(dimensions)		Øx w (mm)	in	Ø80×30	Ø80×30	Ø80×30	Ø3.1×1.2
	3.5 Wheels, number front/rear(x=driven wheels)		1x+2/4					
	3.6 Track, front		b10mm	in	420	410	410	16.1
	3.7 Track, rear		b11 (mm)	in	380	380	380	15
Performance data	4.4 Lift		h3 (mm)	in	115	115	115	4.5
	4.9 Height of tiller in drive position min./ max.		h14mm	in	840 / 1185	820 / 1310	820 / 1310	32.3/51.6
	4.15 Height, lowered		h13mm	in	85	85 (80)	80	3.1
	4.19 Overall length		l1mm	in	1686	1690	1760	69.3
	4.20 Length to face of forks		l2mm	in	536	540	540	21.3
	4.21 Overall width		b1mm	in	540	574	705	27.8
	4.22 Fork dimensions		s/e/l (mm)	in	48 / 160 / 1150	48/60/1150 ¹⁾	48/60/1220 ¹⁾	1.9/2.4/48 ¹⁾
	4.25 Distance between fork-arms		b5 (mm)	in	540	540 (520)	685 (520, 540)	27(20.5,21.3)
	4.32 Ground clearance, centre of wheelbase		m2mm	in	37	37(32)	32	1.3
	4.34 Aisle width for pallets 800X1200 lengthways		Ast (mm)	in	2156	2160	2230	87.8
Electric- engine	4.35 Turning radius		Wa (mm)	in	1482	1485	1555	87.8
	5.1 Travel speed, laden/ unladen		km/h	mph	4.0/ 4.5	4.2 / 4.6	4.2 / 4.6	2.6/2.9
	5.2 Lift speed, laden/ unladen		m/s	fpm	0.030 / 0.053	0.03 / 0.053	0.03 / 0.053	5.9/10.4
	5.3 Lowering speed, laden/ unladen		m/s	fpm	0.050 / 0.048	-	-	-
	5.6 Max. gradeability, laden/ unladen		%		4 / 10	4 / 10		
Addition data	5.10 Service brake		Electromagnetic					
	6.1 Drive motor rating S2 60min		kW	Hp	0.45	0.45	0.45	0.6
	6.2 Lift motor rating at S3 10%		kW	Hp	0.8	0.8	0.8	1.1
	6.3 Battery acc. to DIN 43531/35/36 A, B, C, no		no					
	6.4 Battery voltage, nominal capacity K5		V/Ah		2x12V / 45	2x12V / 64		
	6.5 Battery weight		kg	lbs	28	40	40	88
Addition data	6.6 Energy consumption acc. to VDI cycle		KWh/h		0.25	0.39		
	8.1 Type of drive control		DC speed Control					
Addition data	8.4 Sound level at driver's ear acc. to EN 12053		dB(A)		<70	69		

Note: 1) Available fork length: 800, 1000, 1150, 1220mm