

EPT 15 / SPT 15

Economic Power- Electric Pallet Truck
Compact and Reliable Design

INTRODUCTION

The EPT 15 / SPT 15 is an economic walkie-electric / semi-electric pallet truck, with rated capacity of 1500kg/3300lbs.

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

ADVANTAGES

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



EPT 15W / EPT 15C



EPT 15



SPT 15



Built-in charger

The built-in charger makes operations more autonomy and increases the operating range.



Easy pallet entry

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



Robust chassis

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



Protection

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

Sideways castors

Sideways castors ensure travelling stability and safety in medium applications.



Powerful batteries

EPT 15: 2x12V 64Ah (option 85Ah)
SPT 15: 2x12V 40Ah (option 64Ah)
powerful VRLA-AGM maintenance-free batteries.



Deep discharge protection

Proofed and ergonomic emergency button and discharge indicator, more robust and reliable than other. 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

EPT 15W and EPT 15C with suspension castors better with performance in overcoming obstacles, high travelling stability, and less wear & noise.



EPT 15C: 1500kg capacity with rubber drive wheel, who else can offer this for delivery application?

- With the larger drive wheel diameter of 230mm travelling over obstacles becomes effortless.
- The soft but reliable rubber material gives the traction where it is needed.
- Because the truck is used inside as well as partly outside, our material is designed as standard in "Non Marking".
- Shocks are absorbed by the rubber wheel.
- High quality and high efficient European motor.
- Additional large diameter sideways castors emphasize even more the perfect travelling behaviour.



- Through the LOW NOISE the truck is predestinated for delivery applications in residential areas as well as in city center during closing hours or within the night.

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

Distinguishing mark	1.2	Manufacturer's type designation		EPT 15		SPT 15	
	1.3	Drive		Electric		Battery	
	1.4	Operator type		Pedestrian		Pedestrian	
	1.5	Load Capacity / rated load	Q (t)	1.5		1.5	
	1.6	Load centre distance	c (mm)	600		600	
	1.8	Load distance ,centre of drive axle to fork	x (mm)	946		946	
	1.9	Wheelbase	y (mm)	1293		1279	
Weight	2.1	Service weight	kg	190	200	165	175
	2.2	Axle loading, laden front/rear	kg	510/1180	560/1140	458/1207	480/1195
	2.3	Axle loading, unladen front/rear	kg	150/40	160/40	130/35	140/35
Tyres, chassis	3.1	Tires		Polyurethane (PU)		Polyurethane (PU)	
	3.2	Tire size, front	Ø x w (mm)	Ø 220×70(230×73) ³⁾		Ø 220×70	
	3.3	Tire size, rear	Ø x w (mm)	Ø 80×70	Ø 80×93	Ø 80×70	Ø 80×93
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Ø 50(80) ¹ ×30		Ø 50×30	
	3.5	Wheels, number front/rear(x=driven wheels)		1x +2/ 4	1x +2/ 2	1x +2/ 4	1x +2/ 2
	3.6	Tread, front	b10 (mm)	340(410) ¹⁾		340	
	3.7	Tread, rear	b11 (mm)	380		380	
Dimensions	4.4	Lift	h3 (mm)	115		115	
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	800 / 1170		850 / 1295	
	4.15	Height, lowered	h13 (mm)	85(80)	80	85(80)	80
	4.19	Overall length	l1 (mm)	1648(1660) ¹⁾	1718(1730) ¹⁾	1666	1736
	4.20	Length to face of forks	l2 (mm)	498(510) ¹⁾		516	
	4.21	Overall width	b1 (mm)	560(574) ¹⁾	705	560	705
	4.22	Fork dimensions	s/e/l (mm)	48/160/1150 ²⁾	48/160/1220 ²⁾	48/160/1150 ²⁾	48/160/1220 ²⁾
	4.25	Distance between fork- arms	b5 (mm)	540(520)	685(520,540)	540(520)	685(520,540)
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	37(32)	32	37(32)	32
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	1950		1961	
	4.35	Turning radius	Wa (mm)	1445(1460) ¹⁾		1507	
Performance data	5.1	Travel speed, laden/ unladen	km/h	4.2 / 4.6		4.2 / 4.6	
	5.2	Lift speed, laden/ unladen	m/s	0.03 / 0.053		-	
	5.3	Lowering speed, laden/ unladen	m/s	0.049 / 0.036		-	
	5.8	Max. gradeability, laden/ unladen	%	4/10		4 / 10	
	5.10	Service brake		Electromagnetic		Electromagnetic	
Electric- Motor	6.1	Drive motor rating S2 60min	kW	0.45		0.45	
	6.2	Lift motor rating at S3 10%	kW	0.8		-	
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		No		No	
	6.4	Battery voltage, nominal capacity K5	V/ Ah	2x12V / 64		2x12 / 40	
	6.5	Battery weight	kg	48		30	
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.39		-	
Additional data	8.1	Type of drive control		DC-Speed Control		DC-Speed Control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69		69	

Note: ¹⁾For EPT 15W with suspension castors ²⁾With optional length 800mm and 1000mm ³⁾For EPT 15C with rubber steering wheel

