EPT15V / EPT20V
ELECTRIC PALLET TRUCK

Capacity 1500 KGS / 2000 KGS

Drive by lithium battery

Carry materials efficiently

Perfect alternative for hand pallet truck





Pin-code handle
(For option)



4 mm thickness motor cover

Effectively protect the internal motor and the wiring device.



ABS dustproof plastic shell

Make the internal controller and wiring more clean and looks more nicer.



Replaceable battery

Make the charging conveniently



Balance roller for option



Main Feature

High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility.Specifically supported by its perfect metal welding and bending technology,and metal toughness as well.

Variety battery capacity available

By pairing battery volums and its chargers to match various work time demands.

Security and stability

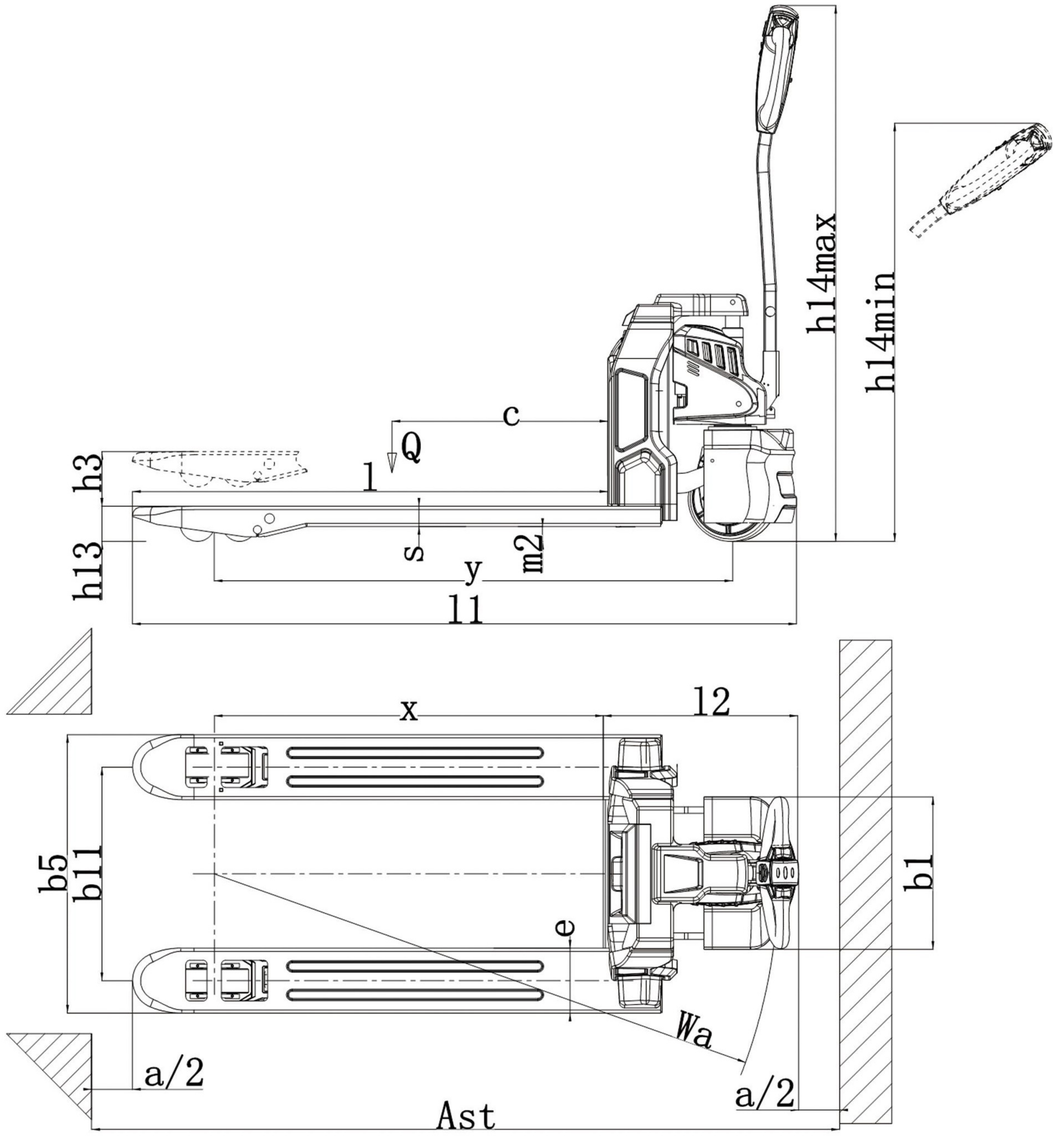
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



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Technical Specification

		Manufacturer's type designation		EPT-V	
Distinguishing mark	1.3	Power(battery,diesel,petrol gas,manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	1.5	2.0
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	950	
	1.9	Wheelbase	Y (mm)	1270	
Weight	2.1	Service weight	kg	142	145
	2.2	Axle loading, laden front/rear	kg	828/1326	
	2.3	Axle loading, unladen front/rear	kg	100/34.5	
Tires, chassis	3.1	Tires		PU	
	3.2	Tire size, front	∅×w (mm)	ϕ210×75	
	3.3	Tire size, rear	∅×w (mm)	ϕ80×70	
	3.4	Additional wheels(dimensions)	∅×w (mm)	ϕ70×36	
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4	
	3.6	Tread, front	b_{10} (mm)	\	
	3.7	Tread, rear	b_{11} (mm)	390/525	
Dimensions	4.4	Lift height	h_3 (mm)	110-115	100
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	585/1250	
	4.15	Height, lowered	h_{13} (mm)	75/85	
	4.19	Overall length	l_1 (mm)	1620	
	4.20	Length to face of forks	l_2 (mm)	470	
	4.21	Overall width	b_1 (mm)	550/685	
	4.22	Fork dimensions	s/e/l (mm)	50/160/1150	
	4.25	Distance between fork-arms	b_5 (mm)	550/685	
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	35	
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2182	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2052	
	4.35	Turning radius	Wa (mm)	1380	
Performance	5.1	Travel speed, laden/ unladen	km/h	4.2/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.017/0.02	
	5.3	Lowering speed, laden / unladen	m/s	0.04/0.04	
	5.8	Gradeability, laden/ unladen	%	6/10	
	5.10	Service brake		Electromagnetic	
Motors	6.1	Drive motor rating S2 60min	kw	0.75	0.9
	6.2	Lift motor rating at S3 10%	kw	0.5	0.8
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/20(30,40,50)	48/15(20)
Additional data	6.5	Battery weight (minimum)	kg	5.5	
	6.6	Energy consumption acc. to VDI cycle	KWh/h	\	
	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	⩽70	