

# 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)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



## 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 volumes 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.

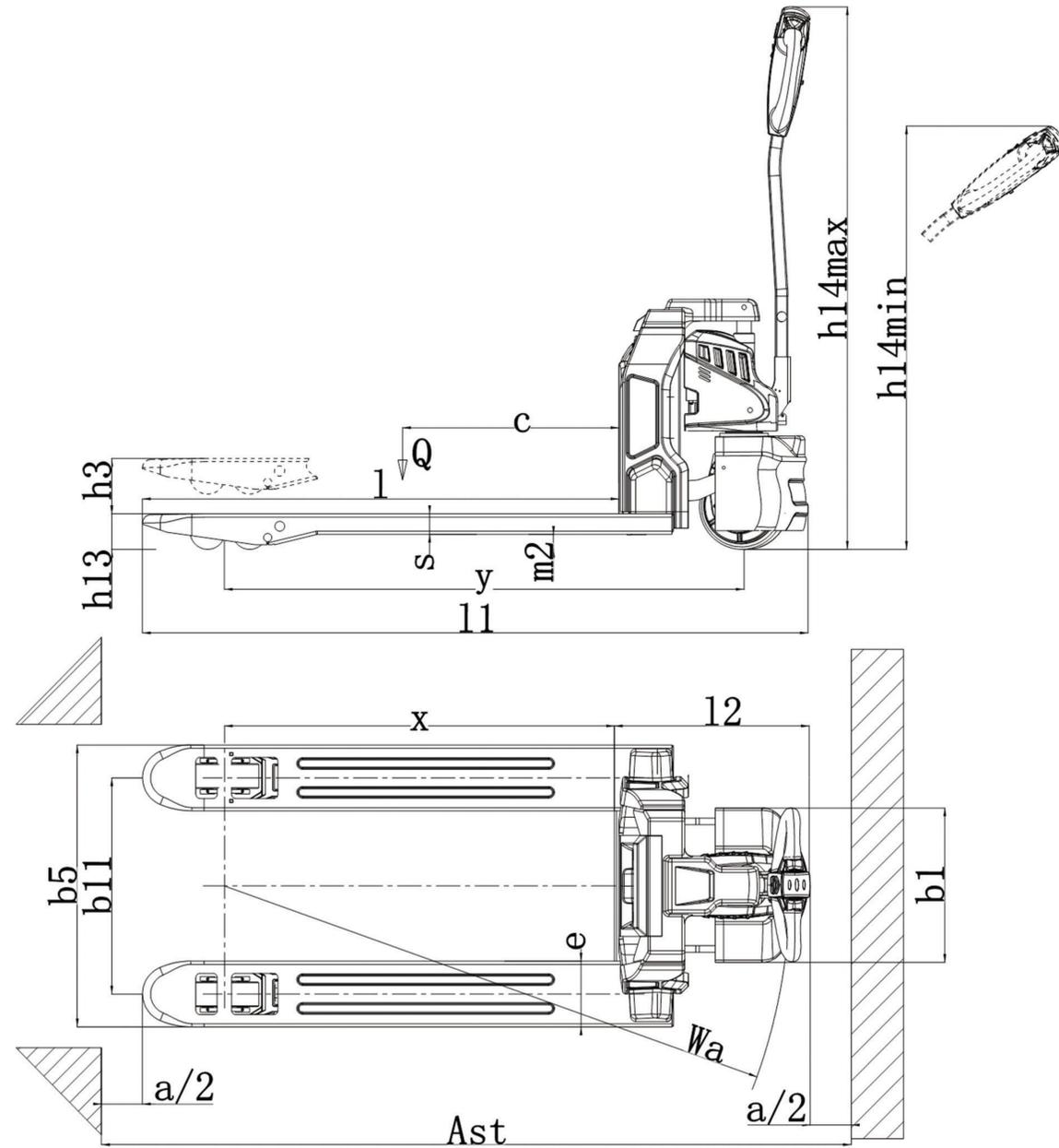


### Intelligent control system

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

# SPECIFICATION

## Technical Specification



# EPT15V / EPT20V

## 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	
Weight	1.9	Wheelbase	Y (mm)	1270	
	2.1	Service weight	kg	142	145
	2.2	Axle loading, laden front/rear	kg	828/1326	
Tires, chassis	2.3	Axle loading, unladen front/rear	kg	100/34.5	
	3.1	Tires		PU	
	3.2	Tire size, front	Ø×w (mm)	φ210×75	
	3.3	Tire size, rear	Ø×w (mm)	φ80×70	
	3.4	Additional wheels(dimensions)	Ø×w (mm)	\	
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4	
	3.6	Tread, front	b10 (mm)	\	
Dimensions	3.7	Tread, rear	b11 (mm)	390/525	
	4.4	Lift height	h3 (mm)	110-115	100
	4.9	Height of tiller in drive position min. / max.	h14 (mm)	585/1250	
	4.15	Height, lowered	h13 (mm)	75/85	
	4.19	Overall length	l1 (mm)	1620	
	4.20	Length to face of forks	l2 (mm)	470	
	4.21	Overall width	b1 (mm)	550/685	
	4.22	Fork dimensions	s/e/l (mm)	50/160/1150	
	4.25	Distance between fork-arms	b5 (mm)	550/685	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	35	
Performance	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2182	
	4.34	Fork dimensions	Ast (mm)	2052	
	4.35	Turning radius	Wa (mm)	1380	
	5.1	Travel speed, laden/ unladen	km/h	4.2/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.017/0.02	
Motors	5.3	Lowering speed, laden / unladen	m/s	0.04/0.04	
	5.8	Gradeability, laden/ unladen	%	6/10	
Additional data	5.10	Service brake		Electromagnetic	
	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		\	
Additional data	6.4	Battery voltage, nominal capacity K5	V/Ah	24/20(30,40,50)	48/15(20)
	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	