

V2112.01

Let's grow together

EPL185

Electric Pallet Truck 1.8T

- Optimized structure, easy operation
- Safe
- New plug-in&out battery design
- Rigorous design and convenient maintenance

EP EQUIPMENT CO.,LTD
www.ep-ep.com

FEATURE

Optimized structure, easy operation

The metal protective cover of battery can be flipped over, which can effectively protect the battery;
The battery has simple cover with two combination modes, it can prevent the battery from plugging and unplugging at will.



Safe

The truck uses the second generation drive technology and brushless DC motor. There is no need to replace the carbon brush and the drive is more powerful.
Its max. Gradeability can reach 10% with the load of 1300kg.



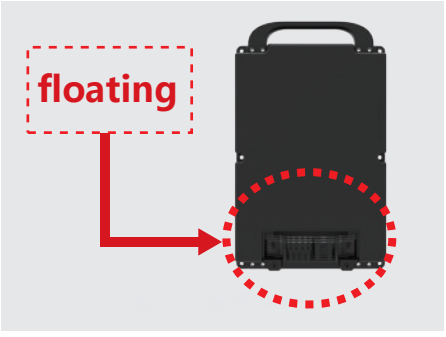
New plug-in&out battery design

On-board charger with plug-in&out battery to satisfy different working condition.
Fast charging can be optionally equipped with.
Li-ion battery developed by EP is equipped with CAN and BMS, which is more convenient to use.



Rigorous design and convenient maintenance

Floating battery cartridge to protect battery contact pins.

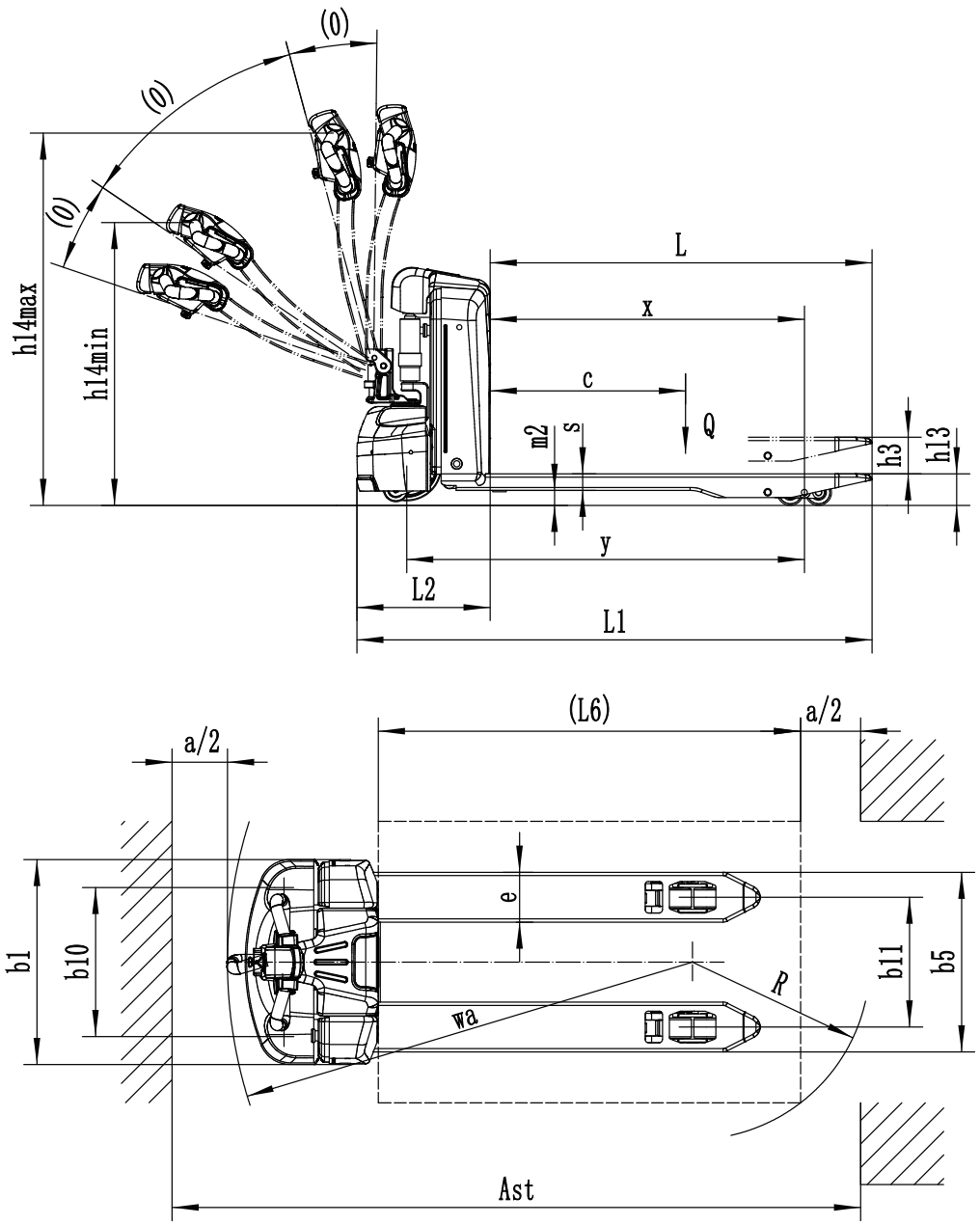


Electric Pallet Truck 1.8T

EPL185

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			EPL185
	1.3	Drive unit			Electric
	1.4	Operator type			Pedestrian
	1.5	Rated capacity	Q	kg	1800
	1.6	Load center distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	940
	1.9	Wheelbase	y	mm	1200
Service weight	2.1	Service weight		kg	170
	2.2	Axle loading, laden front/rear		kg	640/1330
	2.3	Axle loading, unladen front/rear		kg	130/40
Tyres/chassis	3.1	Tyre type			Polyurethane
	3.2	Tyre size, front		mm	Φ210x70
	3.3	Tyre size, rear		mm	Φ80x60(Φ74x88)
	3.4	Additional wheels		mm	Φ74x30
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x，2/4(1x，2/2)
	3.6	Tread, front	b10	mm	450
	3.7	Tread, rear	b11	mm	390/(535)
Dimensions	4.4	Lift height	h3	mm	115
	4.9	Height drawbar in driving position min./max.	h14	mm	650/1170
	4.15	Lowered height	h13	mm	80
	4.19	Overall length	l1	mm	1550
	4.20	Length to face of forks	l2	mm	400
	4.21	Overall width	b1/b2	mm	610(695)
	4.22	Fork dimensions	s/e/l	mm	50x150x1150
	4.25	Distance between fork-arms	b5	mm	540(685)
	4.32	Ground clearance, center of wheelbase	m2	mm	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2094
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2146
	4.35	Turning radius	Wa	mm	1330
Performance data	5.1	Travel speed, laden/unladen		km/h	5/5.5
	5.2	Lifting speed, laden/unladen		m/s	0.020/0.025
	5.3	Lowering speed, laden/unladen		m/s	0.065/0.030
	5.8	Max. gradeability, laden/unladen		%	6\16
	5.10	Service brake			Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	0.9
	6.2	Lift motor rating at S3 15%		kW	0.8
	6.4	Battery voltage/nominal capacity		V/Ah	48/20（30 option）
	6.5	Battery weight		kg	14
Addition data	8.1	Type of drive unit			DC
	10.5	Steering design			Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



Option:

No.	Optional items	EPL185
1.1	Fork dimension	●540*1150○540*900、1000、1220、1300、1400、1500 ○685*900、1000、1150、1220、1300、1400、1500
1.3	Fork lowered height	●80
1.5	backrest height	○1220mm（48in）○1520mm（60in）
1.6	Drive cover off the ground	●50mm
2.1	Load wheel type	●Double○Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU
2.7	Battery capacity	●20Ah○30Ah
2.8	Charger	●48V-10A Internal○48V-10A External
2.9	Battery indicator	●With time
3.3	Castor wheels	●No○Yes and not customized
3.16	Vertical handler working	●Yes and not customized
Note:	●Standard ○ Optional - Inconformity	