

EPT15/20-EZ

1500kg-2000kg

Li-ion Pallet
Truck



Manufacturer			EP	EP	EP
Model designation			EPT15-EZ	EPT15-EZ pro	EPT20-EZ
Drive			Electric	Electric	Electric
Load capacity	Q	kg	1500	1500	2000
Load center distance	c	mm	600	600	600
Service weight		kg	113	113	130
Length to face of forks	l2	mm	400	400	430
Overall width	b1/b2	mm	695/590	695/590	695/590
Fork dimensions	s/e/l	mm	55/150/1150	55/150/1150	50/150/1150
Turning radius	Wa	mm	1360	1360	1390
Max. gradeability, laden/unladen		%	6/16	6/16	8/16
Battery voltage/nominal capacity		V/Ah	24/20	24/20	48/10

FEATURE

Safety assurance

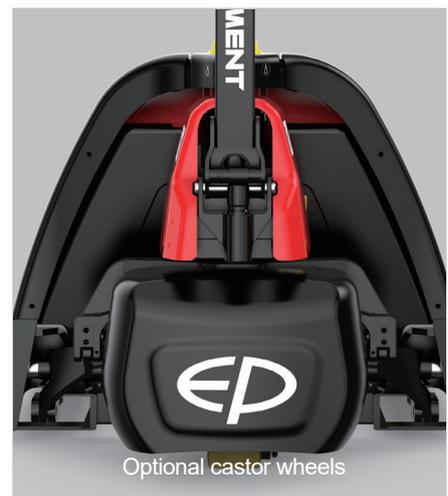
- 1 Motor reversed for regenerative braking offering better safety
- 2 High torque power-off brake to keep stability on ramps
- 3 All-metal drive protective cover to comply with CE standards

Smooth operation

- 1 Linear acceleration to meet different operation habits
- 2 Emergency button set in the middle
- 3 Wide drive wheel for better driving experience



Emergency button



Optional castor wheels



Stability
on ramps



Easy of maintenance

- 1 Dedicated diagnostic port for easy system information retrieval
- 2 Simplified Drive Connection rather than multiple fixing bolts
- 3 The hydraulic station and cylinder are integrated into a single unit
- 4 Automatic lock handle on the Li-ion battery simplifies assembly and disassembly



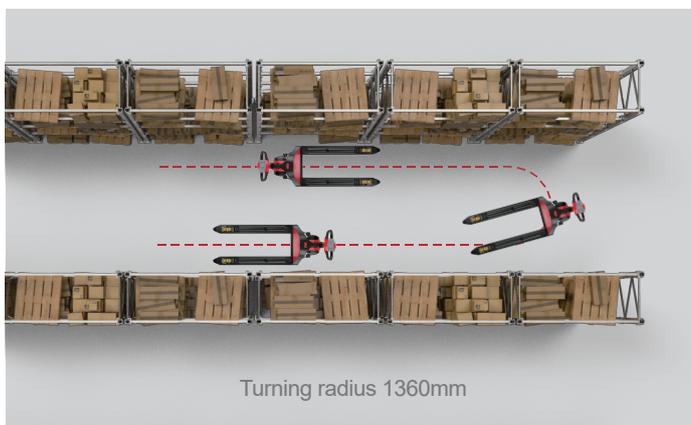
Efficient and flexible

- 1 The powerful DC drive motor for great performance
- 2 Replaceable Li-ion battery for long-time operation
- 3 Lightweighted truck frame for energy saving
- 4 Compact size, small turning radius and standard turtle speed offering maneuverability in confined spaces



powerful DC drive motor

Replaceable Li-ion Battery



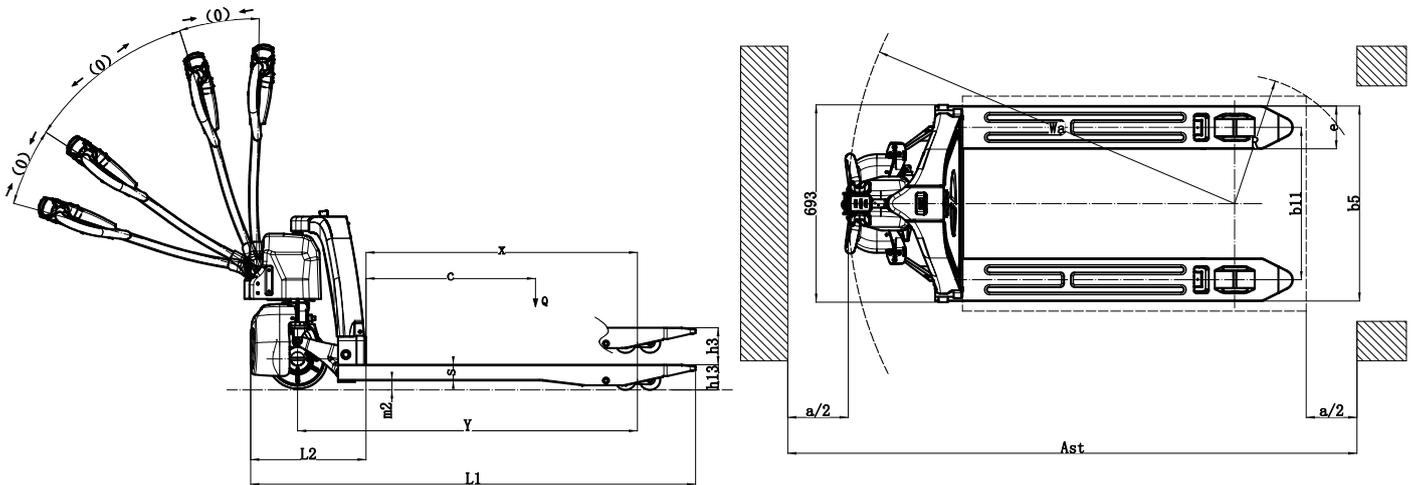
Turning radius 1360mm



1500kg-2000kg Li-ion Pallet Truck

EPT15/20-EZ

Distinguishing mark	1.1	Manufacturer			EP	EP	EP
	1.2	Model designation			EPT15-EZ	EPT15-EZ pro	EPT20-EZ
	1.3	Drive			Electric	Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian	Pedestrian
	1.5	Load capacity	Q	kg	1500	1500	2000
	1.6	Load center distance	c	mm	600	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	950	950	950
	1.9	Wheelbase	y	mm	1180	1180	1210
	Service weight	2.1	Service weight		kg	113	113
2.2		Axle loading, laden front/rear		kg	478/1135	478/1135	678/1452
2.3		Axle loading, unladen front/rear		kg	85/28	85/28	98/32
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane	Polyurethane
	3.2	Tyre size, front			Φ150×65	Φ210×70	Φ150×65
	3.3	Tyre size, rear			Φ80×60 (Φ74×88)	Φ80×60 (Φ74×88)	Φ80×60 (Φ74×88)
	3.4	Additional wheels (castor wheels)		mm	Φ74×30 (option)	Φ74×30 (option)	Φ74×30 (option)
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x /4 (1x /2)	1x /4 (1x /2)	1x 2/4 (1x 2/2)
	3.7.1	Tread width, rear	b ₁₁	mm	535/410	535/410	535/410
	4.4	Lift height	h ₃	mm	105	105	105
Dimensions	4.9	Height of tiller handle in drive position min./max.	h ₁₄	mm	750/1190	750/1190	750/1190
	4.15	Lowered height	h ₁₃	mm	82	82	82
	4.19	Overall length	l ₁	mm	1550	1550	1580
	4.20	Length to face of forks	l ₂	mm	400	400	430
	4.21	Overall width	b ₁ /b ₂	mm	695/590	695/590	695/590
	4.22	Fork dimensions	s×e×l	mm	55/150/1150	55/150/1150	50/150/1150
	4.25	Distance between fork-arms	b ₅	mm	685/560	685/560	685/560
	4.32	Ground clearance, center of wheelbase	m ₂	mm	25	25	25
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2160	2160	2190
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	2025	2025	2055
	4.35	Turning radius	Wa	mm	1360	1360	1390
	Performance data	5.1	Travel speed, laden/unladen		km/h	4/4.5	4/4.5
5.2		Lifting speed, laden/unladen		m/s	0.017/0.023	0.017/0.023	0.017/0.023
5.3		Lowering speed, laden/unladen		m/s	0.035/0.053	0.035/0.053	0.035/0.053
5.8		Max. gradeability, laden/unladen		%	6/16	6/16	8/16
5.10		Service brake			Electromagnetic	Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	0.6	0.75	0.7
	6.2	Lift motor rating at S3 15%		kW	0.5	0.5	0.7
	6.4	Battery voltage/nominal capacity		V/Ah	24/20	24/20	48/10
	6.5	Battery weight		kg	5	5	5
	6.6	Energy consumption values according to DIN EN16796		kWh/h	0.124	0.124	0.124
	6.7	Transfer volume according to VDI 2198		t/h	58.5	58.5	58.5
	6.8	Transfer efficiency according to VDI 2198		t/kWh	471.77	471.77	471.77
	8.1	Type of drive control			DC	DC	DC
Additional data	10.5	Steering design			Mechanical	Mechanical	Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74	74



Option:

No.	Optional items	EPT15-EZ	EPT15-EZ pro	EPT20-EZ
1.1	Fork dimension	<ul style="list-style-type: none"> ●1150*685○1150*560○900*560 ○1000*560○1220*560○1350*560 ○1500*560○900*685○1000*685 ○1220*685○1350*685○1500*685 	<ul style="list-style-type: none"> ●1150*685○1150*560○900*560 ○1000*560○1220*560○1350*560 ○1500*560○900*685○1000*685 ○1220*685○1350*685○1500*685 	<ul style="list-style-type: none"> ●1150*685○1150*560○900*560 ○1000*560○1220*560○1350*560 ○1500*560○900*685○1000*685 ○1220*685○1350*685○1500*685
1.3	Fork lowered height	●82	●82	●82
1.6	Drive cover off the ground	●55mm	●55mm	●55mm
2.1	Load wheel type	●Double○Single	●Double○Single	●Double○Single
2.2	Load wheel material	●Polyurethane	●Polyurethane	●Polyurethane
2.3	Drive wheel material	●Polyurethane	●Polyurethane	●Polyurethane
2.7	Battery capacity	●20AH	●20AH	●10AH
2.8	Charger	●24V5A External	●24V5A External	●48V3A External
2.9	Battery indicator	●Without hourmeter	●Without hourmeter	●Without hourmeter
2.16	Handle head type	●Hands small handle head	●Hands small handle head	●Hands small handle head
3.3	Castor wheels	●No○Yes and not customized	●No○Yes and not customized	●No○Yes and not customized
3.12	Buzzer	●Yes and not customized	●Yes and not customized	●Yes and not customized
3.16	Vertical tiller Creep speed	●Yes and not customized	●Yes and not customized	●Yes and not customized
4.8	Drive assembly	●600W	●750W	●700W
Note: ●Standard ○ Optional - Inconformity				