EPT20-ET
Electric pallet truck2.0t

■ 48V super power,Ideal out-door solution,Longer run time

Mastering urban logistics
Designed to cope with complex environment

High Obstacle   Road Bumps   Narrow Space

EP EQUIPMENT CO.,LTD
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⬊ FEATURE

Light service weight, high rated capacity, not limited by floor type:

- Minimum size vs 2.0ton capacity,with 1465mm turning radius

High passability design:

- EPT16-ET can easily drive through 100mm height barrier with patent roll-over load wheel and large drive wheel
- 80mm lowered height and 140mm lifting height giving flexibility for pallet and application

Easy disassembly handle design:

- Pin through tiller style reduces shipping cost and installation time greatly

DC brushless permenant magnet motor:

- Life time maintenance free brushless permenant magnet motor

Innovative frame design:

- Distribute majority weight to bottom chassis by patent designed cylinder structure
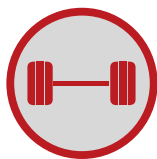
Shock absorb chassis design:

- Special linkage design , minimize the driving difference between smooth ground and rough ground
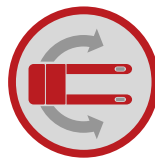
48V electronic system:

- 48V electronic system increases efficiency and reliability

Easy maintenance:

- Electronic system and batteries can be completely exposed by pressing one-touch locker
- Drive wheel can be replaced by loosing one nut
- Retractable charging cord

Rated Capacity up to
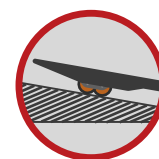2000kg

Turning Radius
1465mm

Driving Wheels diameter×width
250x74mm

Lowered Height 80mm | Max Lifting Height 220mm

Optional Turneable load wheel to overcome obstacle 100mm
(Note:Only available for EPT16-ET)

Max. gradeability laden|unladen 8%|16%

EPT20-ET

Electric Pallet Truck 2.0t

	Distinguishing mark					
1.1	Manufacturer				EP	EP
1.2	Model designation				EPT20-ET	EPT16-ET（With roll-over load wheel）
1.3	Drive unit				Battery	Battery
1.4	Operator type				pedestrian	pedestrian
1.5	rated capacity	Q	kg		2000	1600
1.6	Load center distance	c	mm		600	600
1.8	Load distance	x	mm		873/976	873/976
1.9	Wheelbase	y	mm		1247/1350	1247/1350
	Weight					
2.1	Service weight （include battery）		kg		220	215
2.2	Axle loading, laden driving side/loading side		kg		740/1480	625/1190
2.3	Axle loading, unladen driving side/loading side		kg		180/40	180/35
	Types,Chassis					
3.1	Tyre type driving wheels/loading wheels				PU/PU	Rubber/pu
3.2	Tyre size, driving wheels（diameter×width）		mm		Φ250x74	Φ255x74
3.3	Tyre size, loading wheels （diameter×width）		mm		4x Φ78x60	4xΦ80x40
3.4	Tyre size, caster wheels （diameter×width）		mm		Φ74x48	Φ74x48
3.5	Wheels, number driving，caster/loading (x=drive wheels)		mm		1x 2/4	1x 2/4
3.6	Track width, front,driving side	b_{10}	mm		435	435
3.7	Track width,rear,loading side	b_{11}	mm		410（535）	410（535）
	Dimensions					
4.4	Lift height	h_3	mm		140	140
4.9	Height drawbar in driving position min./max.	h_{14}	mm		750/1170	750/1170
4.15	Lowered height	h_{13}	mm		80	80
4.19	Overall length	l_1	mm		1685	1685
4.20	Length to face of forks	l_2	mm		535	535
4.21	Overall width	b_1/ b_2	mm		560 （685）	560 （685）
4.22	Fork dimensions	s/ e/ l	mm		50/150/1150	50/150/1150
4.25	Distance between fork-arms	b_5	mm		560 （685）	560 （685）
4.32	Ground clearance, center of wheelbase	m_2	mm		30	30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm		1792	1792
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm		1992	1992
4.35	Turning radius	Wa	mm		1465(Lifted）	1465(Lifted）
	Performance data					
5.1	Travel speed, laden/ unladen	km/ h	km/h		4/5.5	4/5.5
5.2	Lifting speed, laden/ unladen		m/ s		0.024/0.038	0.024/0.038
5.3	Lowering speed, laden/ unladen		m/ s		0.034/0.025	0.034/0.025
5.8	Max. gradeability , laden/unladen		%		8/16	10/20
5.10	Service brake type				Electromagnetic	Electromagnetic
	Electric-engine					
6.1	Drive motor rating S2 60 min		kW		0.75	0.75
6.2	Lift motor rating at S3 15%		kW		0.84	0.84
6.3	The maximum allowed size battery		mm		255*170*200	255*170*200
6.4	Battery voltage/nominal capacity K20		V/ Ah		12*4/30	12*4/30
6.5	Battery weight		kg		9.5*4	9.5*4
	Addition data					
8.1	Type of drive control				BLDC	BLDC
10.5	Steering type				Mechanical	Mechanical
10.7	Sound pressure level at the driver's ear		dB (A)		74	74

1.The parameters in the table are of the standard model. For more information please contact us.
2.The parameters are subject to change without notice.