

EPT20-ET

Electric pallet truck 2.0t

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

Mastering urban logistics Designed to cope with complex environment







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



■ 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:

EPT20-ET can easily drive through 100mm height barrier with 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 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.





 $\begin{array}{c|c} \text{Lowered 80mm} & \text{Max Lifting 220mm} \\ \text{Height} & \text{Height} \end{array}$





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





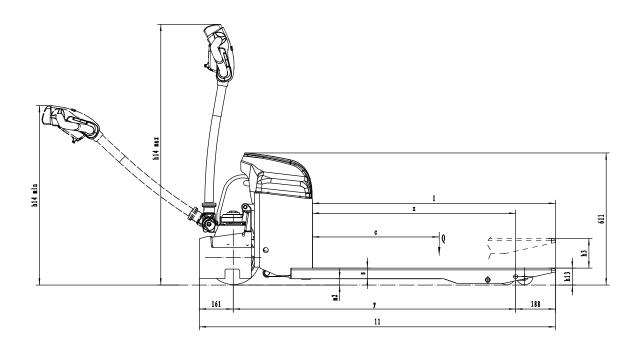
Max. gradeability 8 16%

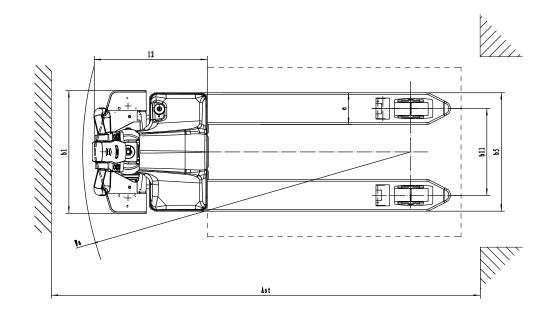
Electric Pallet Truck 2.0t

EPT20-ET

Model designation	Disting	uishing mark				
Model designation					FP	
1.3 Drive unit		·				
1.5				1		
1.5 rated capacity					-	
Load center distance		1.	0	ka	'	
1.8						
1.9 Wheelbase y mm						
			- 1	-		
2.1 Service weight (include battery)			У	111111	1240/1000	
2.2 Axle loading, laden driving side/loading side kg 722/1498 2.3 Axle loading, unladen driving side/loading side kg 180/40 Types Chassis 3.1 Tyre type driving wheels / (diameter-width) mm 0.250x74 3.2 Tyre size, diving wheels / (diameter-width) mm 4x 078x60 3.4 Tyre size, caster wheels / (diameter-width) mm 4x 078x60 3.4 Tyre size, caster wheels / (diameter-width) mm 4x 078x60 3.4 Tyre size, caster wheels / (diameter-width) mm 4x 07x448 3.5 Wheels, number driving, caster/loading (x=drive wheels) mm 1x 2/4 3.6 Track width, front, driving side bp mm 4x35 3.7 Track width, front, driving side bp mm 4x10 4.1 Lift height hp mm 4x10 4.4 Lift height hp mm 750/1170 4.15 Loweral height hp mm 750/1170 4.19 Overall width hp <td></td> <td></td> <td></td> <td>ka</td> <td>220</td>				ka	220	
2.3		,				
Types Chassis Tyre type driving wheels/loading wheels Sidemeter×width mm						
3.1 Tyre type driving wheels/loading wheels PU/PU				Ng	100/40	
3.2 Tyre size, driving wheels (diameter×width) mm 4x 078x60 3.3 Tyre size, loading wheels (diameter×width) mm 4x 078x60 3.4 Tyre size, caster wheels (diameter×width) mm 0x 4x48 3.5 Wheels, number driving, caster/loading (x=drive wheels) mm 1x 2/4 3.6 Track width, front, driving side b ₁₀ mm 435 3.7 Track width, front, driving side b ₁₀ mm 425 3.7 Track width, front, driving side b ₁₀ mm 425 3.7 Track width, front, driving side b ₁₀ mm 425 3.7 Track width, front, driving side b ₁₀ mm 425 3.7 Track width, front, driving side b ₁₀ mm 425 4.2 Leghth to face of forks b ₁₀ mm 140 4.9 Helght drawbar in driving position min./max. h ₁₄ mm 750/1170 4.15 Loweral height h ₁₃ mm 80 4.19 Overall length h ₁ mm 1685 4.20 Length to face of forks h ₂ mm <					PH/PH	
3.3 Tyre size, loading wheels (diameter-width)		1		mm		
3.4 Tyre size, caster wheels (diameter×width) mm						
3.5 Wheels, number driving, caster/loading (x=drive wheels) mm 1x 2/4 3.6 Track width, front, driving side b10 mm 435 3.7 Track width, front, driving side b11 mm 410 (535) Dimensions		1.		-		
3.6 Track width, front, driving side b10 mm 435 3.7 Track width, rear, loading side b11 mm 410 (535) Dimensions Use of the light o		1.				
3.7 Track width, rear, loading side b_11 mm 410 (535)			h ₁₀			
Dimensions 4.4 Lift height h3 mm 140 4.9 Height drawbar in driving position min./max. h14 mm 750/1170 4.15 Lowered height h13 mm 80 4.19 Overall length 11 mm 1685 4.20 Length to face of forks 12 mm 535 4.21 Overall width b1/ b2 mm 50/150/1150 4.22 Fork dimensions s/e/l mm 50/150/1150 4.25 Outside width of the forks b5 mm 560 (685) 4.26 Outside width for pallets 1000 × 1200 crossways Ast mm 1734 4.31 Aisle width for pallets 1000 × 1200 crossways Ast mm 1734 4.34.2 Aisle width for pallets 800 × 1200 lengthways Ast mm 1934 4.35 Turning radius Turning radius		-				
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4.35 Turning radius Wa mm 1496 Performance data 5.1 Travel speed, laden/ unladen km/ h km/h 4/5.5 5.2 Lifting speed, laden/ unladen m/ s 0.018/0.037 5.3 Lowering speed, laden/ unladen m/ s 0.032/0.038 5.8 Max. gradeability, laden/unladen % 8/16 5.10 Service brake type Electromagnetic Electric-engine 6.1 Drive motor rating S2 60 min kW 0.75 6.2 Lift motor rating at S3 15% kW 0.84 6.3 The maximum allowed size battery mm 255*170*200 6.4 Battery voltage/nominal capacity K20 V/ Ah 12*4/30 6.5 Battery weight kg 9.5*4 Addition data 8.1 Type of drive control DC 10.5 Steering type Mechanical	4.34.1	Aisle width for pallets 1000 × 1200 crossways		mm	1734	
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5.8 Max. gradeability, laden/unladen % 8/16 5.10 Service brake type Electromagnetic Electric-engine KW 0.75 6.1 Drive motor rating \$2.60 min kW 0.84 6.2 Lift motor rating at \$3.15% kW 0.84 6.3 The maximum allowed size battery mm 255*170*200 6.4 Battery voltage/nominal capacity K20 V/ Ah 12*4/30 6.5 Battery weight kg 9.5*4 Addition data 8.1 Type of drive control DC 10.5 Steering type Mechanical	5.2	Lifting speed, laden/ unladen	,	m/ s	0.018/0.037	
Electric-engine kW 0.75 6.1 Drive motor rating S2 60 min kW 0.75 6.2 Lift motor rating at S3 15% kW 0.84 6.3 The maximum allowed size battery mm 255*170*200 6.4 Battery voltage/nominal capacity K20 V/ Ah 12*4/30 6.5 Battery weight kg 9.5*4 Addition data 8.1 Type of drive control DC 10.5 Steering type Mechanical	5.3	Lowering speed, laden/ unladen		m/ s	0.032/0.038	
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6.1 Drive motor rating S2 60 min kW 0.75 6.2 Lift motor rating at S3 15% kW 0.84 6.3 The maximum allowed size battery mm 255*170*200 6.4 Battery voltage/nominal capacity K20 V/ Ah 12*4/30 6.5 Battery weight kg 9.5*4 Addition data 8.1 Type of drive control DC 10.5 Steering type Mechanical	5.10	Service brake type			Electromagnetic	
6.2 Lift motor rating at S3 15% kW 0.84 6.3 The maximum allowed size battery mm 255*170*200 6.4 Battery voltage/nominal capacity K20 V/ Ah 12*4/30 6.5 Battery weight kg 9.5*4 Addition data 8.1 Type of drive control DC 10.5 Steering type Mechanical	Electric	e-engine				
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6.5 Battery weight kg 9.5*4 Addition data B.1 Type of drive control DC 10.5 Steering type Mechanical	6.3	The maximum allowed size battery		mm	255*170*200	
Addition data 8.1 Type of drive control DC 10.5 Steering type Mechanical	6.4	Battery voltage/nominal capacity K20		V/ Ah	12*4/30	
8.1 Type of drive control DC 10.5 Steering type Mechanical		, ,		kg	9.5*4	
10.5 Steering type Mechanical	Additio	n data				
	8.1	Type of drive control			DC	
10.7 Sound pressure level at the driver's ear dB (A) 74	10.5	Steering type			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

Options	type	EPT20-ET		
Fork length		∘800/915/1000/1070/1150/1220/1300		
Climbing wheel load 1.6 T		0		
Driving wheel		∘Rubber wheel		
Special backrest		o1220mm (48in) /1520mm (60in)		
Note: Fork length < 1400, capacity2.0T;	Fork length≥1400, capacity1.6T			
Note: ● standard ○ option — NA				