



EPT20-15ET

Electric Pallet Truck 1.5 T

Innovative Design

Compact Size, Lightweight and Convenient for Operation

Energy-saving and environment-friendly design maximises running time

Can replace drive wheel only by releasing six nuts



Quick
Removal

And Replacement NOW: 10MINUTES
BEFORE: 1HOUR

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MATERIALS
Handling PTY LTD *Working with ease.*

FEATURES

■ Innovation:

First innovative design ever!
Award-winning; won the
REDDOT Design Award.

■ Lightweight, Great Capacity, Great Passingability:

Lightweight and compact size
create excellent maneuverability
and passing-ability.
1500 kg capacity handles most
applications.

■ Anti-vibration technology for batteries:

Special anti-vibration
technology extends
maintenance-free battery
life.

■ Operation:

Ergonomically-designed
tiller head helps increase
efficiency; Internet Charger
for Easy Charger.

■ Cables:

Robot cables with excellent
twist resistance offers
longer life span.

■ Safety:

Handy Emergency
Disconnect Button and
Durable Driving Unit ensure
safety under any situation.

■ Charger:

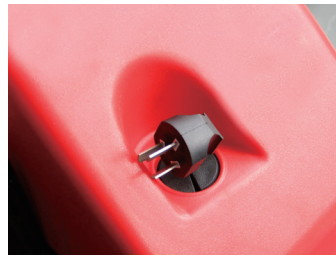
Charger with temperature
indicator protects battery.

■ Serviceability:

Assembly Components,
Easy for Diagnosis and
Replacing.
Can replace drive wheel
only be releasing six nuts.



reddot design award
winner 2012

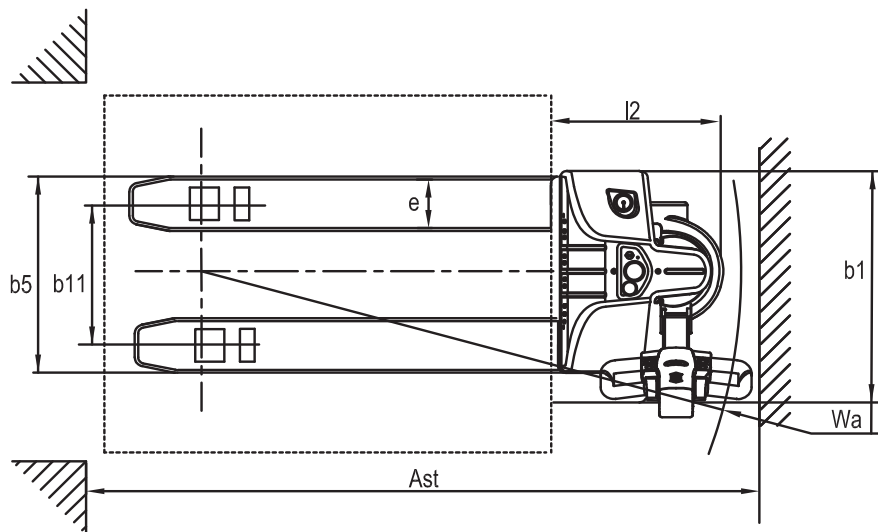
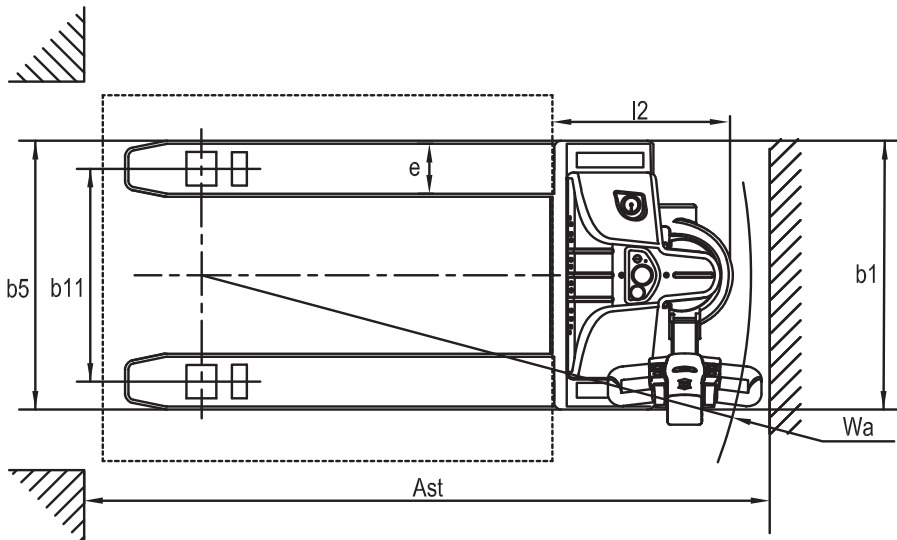
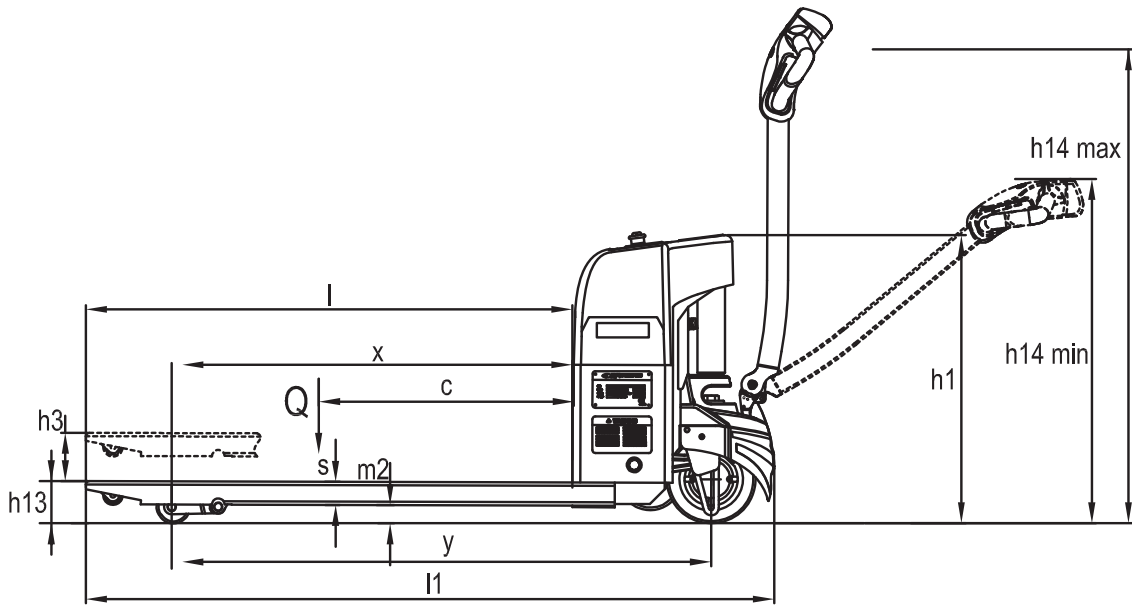


option

Electric Pallet Truck 1.5 T EPT20-15ET

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			EPT20-15ET
1.3	Drive unit			Electrics
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	1500
1.6	Load center distance	c	mm	600
1.8	Load distance	x	mm	883/946
1.9	Wheelbase	y	mm	1228/1268
Weight				
2.1	Service weight (include battery)		kg	205
2.2	Axle loading, laden driving side/loading side		kg	574/1131
2.3	Axle loading, unladen driving side/loading side		kg	165/40
Types,Chassis				
3.1	Tyre type driving wheels/loading wheels			PU/ PU
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ210x70
3.3	Tyre size, loading wheels (diameter×width)		mm	2x Φ80x60 (Φ74x88)
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ74x48
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x 2/4 (1x 2/2)
3.6	Track width, front,driving side	b ₁₀	mm	432
3.7	Track width,rear,loading side	b ₁₁	mm	410 (535)
Dimensions				
4.4	Lift height	h ₃	mm	115
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	750/1170
4.15	Lowered height	h ₁₃	mm	85 (75)
4.19	Overall length	l ₁	mm	1632
4.20	Length to face of forks	l ₂	mm	482
4.21	Overall width	b ₁ / b ₂	mm	560 (685)
4.22	Fork dimensions	s/ e/ l	mm	50/150/1150
4.25	Outside width of the forks	b ₅	mm	560 (685)
4.32	Ground clearance, center of wheelbase	m ₂	mm	35(25)
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1739
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	1939
4.35	Turning radius	Wa	mm	1485
Performance data				
5.1	Travel speed, laden/ unladen	km/ h	km/h	4/4.5
5.2	Lifting speed, laden/ unladen		m/ s	0.022/0.025
5.3	Lowering speed, laden/ unladen		m/ s	0.034/0.023
5.8	Max. gradeability, laden/unladen			5/16
5.10	Service brake type			Electromagnetic
Electric engine				
6.1	Drive motor rating S2 60 min		kW	0.65
6.2	Lift motor rating at S3 15%		kW	0.84
6.3	The maximum allowed size battery		mm	265*185*215
6.4	Battery voltage/nominal capacity K20			2x12/85
6.5	Battery weight		kg	25.5x2
Addition data				
8.1	Type of drive control			DC
10.5	Steering type			Mechanical
10.7	Sound pressure level at the driver's ear			74

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



OPTIONS

Options	type	EPT20-15ET
Fork length	Regular/Side Pull	○700~1500
	From the ground 60	○700~1500
	Ultra-low put 40	○700~1500,2000
	With electronic scale	○1150/1220
Fork width	Regular	○420/460/520/600/635
	Side Pull	○460/520
	From the ground 60	—
	Ultra-low put 40	○280/520
Single load wheel	Regular style ground 75/Side pull style ground 75	○
	From the ground 60/Ultra-low put 40/With electronic scale	—
Fork lowered height	From the ground 60	○60
	Ultra-low put 40	○40
Driving wheel	Regular/Side Pull/With electronic scale	—
Balance wheel	Regular/Side Pull/From the ground 60/With electronic scale	○PU wheel with Patterned polyurethane
Battery brand	Regular/Side Pull/From the ground 60/With electronic scale	○
Battery indicator with hour meter	Ultra-low put 40	●
half speed function in turning		○Tianneng Group/fullriver
Special backrest	Regular	○
	From the ground 60	○1220mm (48in) /1520mm (60in)
	Side Pull/Ultra-low put 40 (Only fork width 560/685 is optional)	○1220mm (48in) /1520mm (60in)
	With electronic scale	—
Vertical handler working		○
In and out of the tray guide wheel		○
Charger (24V-15A)	Regular/Ultra-low put 40/From the ground 60/With electronic scale	○
	Side Pull	—
Load	Regular/Side Pull	Fork length<1400, capacity1.5T; Fork length ≥ 1400, capacity1.0T
	From the ground 60/With electronic scale	Fork length<1400, capacity1.5T; Fork length ≥ 1400, capacity1.0T
	Ultra-low put 40	1.0T

Note: ● standard ○ option — NA



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