



EPT20-20W Ai

Electric Pallet Truck 2.0t

Carrying Two Pallets at A Time Doubles Working Efficiency;
Extraordinary Traction in Crossing Door and Dock;
Long-tiller Design Makes Operations Easy and Convenient.



CRANES - MACHINERY - PARTS

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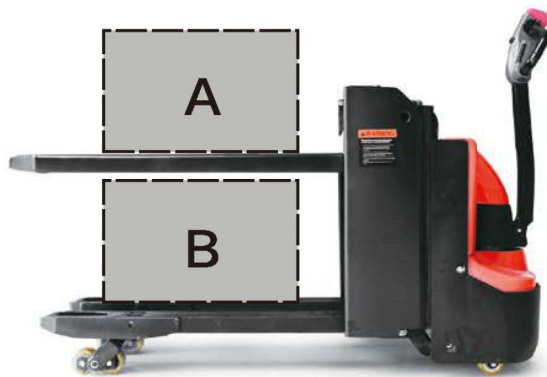
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FEATURE

Performance

- The innovative AC system offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of components.
- H shape channel mast improves the strength of the whole truck.



EPT20-20Wai



ES12-12Wai

Safety

- Safe hydraulic system design prevents mast from falling down abruptly when hydraulic pipeline cuts off.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnecter will cut off power source to avoid accident when truck goes out of control.
- Multiple lifting limit protection ensures safety.
- Automatic switch to lower speed when the fork reaches its setting height.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.

Operation

- With the new design of ergonomical tiller head, all buttons can be reached conveniently & comfortably.
- Dual pallets lifting doubles working efficiency.
- Creep speed function: when handle in near vertical position, the driving speed will decrease automatically, allowing delicate operation in confined space.
- Long tiller decreases the operation force greatly and makes operations much easier.
- Bias Operation, Greater View.

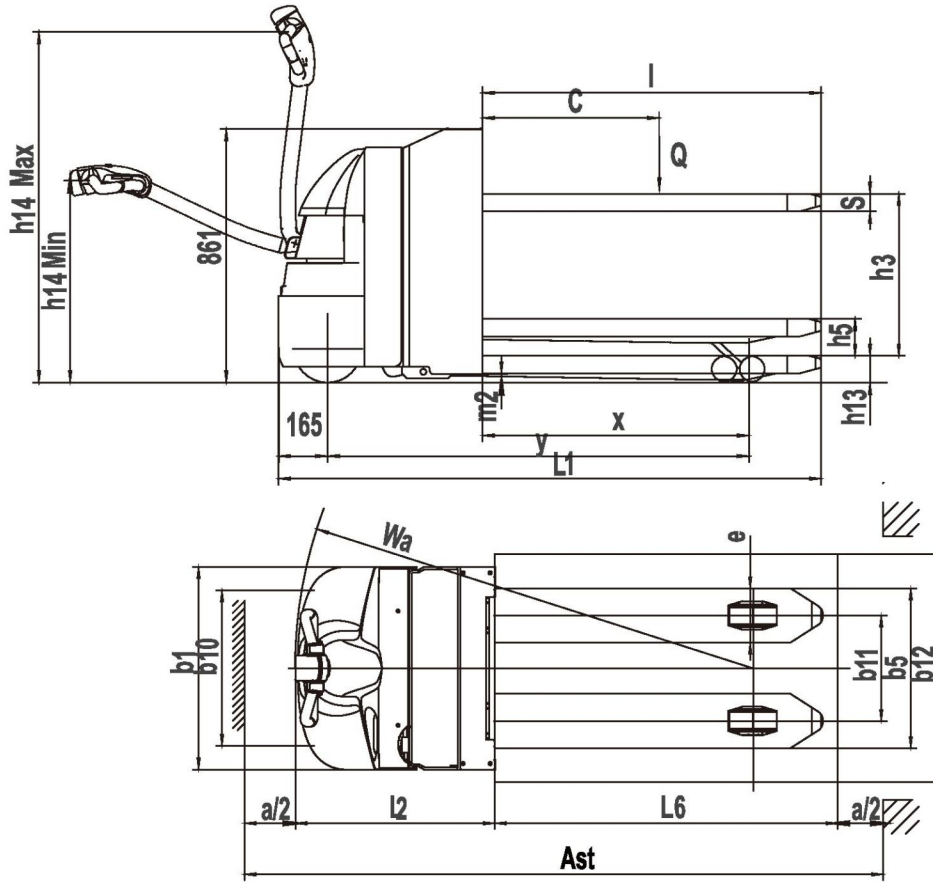
Maintenance

- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only losing two bolts; Access to all key components for inspection, maintenance and replacement.
- Easy access for battery maintenance.
- Vertical motor makes the inspection & service much more convenient.
- Mast and chassis are assembled together, easy for maintenance.
- Low voltage cut off setting protects batteries.

Electric Pallet Truck 2.0t EPT20-20WAI

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			EPT20-20WAI
1.3	Drive unit			Electrics
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	2000
1.6	Load center distance	c	mm	600
1.8	Load distance	x	mm	905
1.9	Wheelbase	y	mm	1441
Weight				
2.1	Service weight (include battery)		kg	625
2.2	Axle loading, laden driving side/loading side		kg	910/1715
2.3	Axle loading, unladen driving side/loading side		kg	420/205
Types,Chassis				
3.1	Tyre type driving wheels/loading wheels			PU / PU
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ230×75
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ85×70
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ85×48
3.5	Wheels, number driving , caster/loading (x=drive wheels)		mm	1 x +2 / 4
3.6	Trackwidth, front,driving side	b ₁₀	mm	498
3.7	Trackwidth,rear,loading side	b ₁₁	mm	366
Dimensions				
4.4	Lift	h ₃	mm	540
4.6	Initial lift	h ₅	mm	120
4.9	Height drawbar in driving position min./max	h ₁₄	mm	715 / 1200
4.15	Lowered height	h ₁₃	mm	95
4.19	Overall length	l ₁	mm	1850
4.20	Length to face of forks	l ₂	mm	694
4.21	Overall width	b ₁ / b ₂	mm	710
4.22	Fork dimensions	s/ e/ l	mm	60/190/1150
4.25	Distance between fork-arms	b ₅	mm	560
4.32	Ground clearance, center of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1913
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2113
4.35	Turning radius	Wa	mm	1615
Performance data				
5.1	Travel speed, laden/ unladen		km/h	5/5.5
5.2	support arm Lifting speed, laden/ unladen		m/ s	0.024/0.025
5.21	mast Lifting speed, laden/ unladen		m/ s	0.071/0.121
5.3	support arm Lowering speed, laden/ unladen		m/ s	0.050/0.032
5.31	mast Lifting speed, laden/ unladen		m/ s	0.13/0.1
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	1.27
6.2	Lift motor rating at S3 15%		kW	0.84
6.3	The maximum allowed size battery		mm	650X150X625
6.4	Battery voltage/nominal capacity K5			24/150
6.5	Battery weight		kg	140
Addition data				
8.1	Type of drive control			AC
10.5	Steering type			Mechanical
10.7	Sound pressure level at the driver's ear			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.



EPT20-20WAI RATED CAPACITIES GRAPH

		lift Height (mm)	Capacity (kg)
	Mast Fork A	630	650
	Support Arm B	210	A+B≤2000

Option

Options	EPT20-20WAI
Fork length	● 850/1000mm
high capacity battery	● 180AH
Cold storage	●
battery indicator without hour meter	●
water auto-filling system	●
Vertical handler working	●
Special backrest	● 1220mm (48in)/1520mm (60in)