

EPT20-RASS Electric Pallet Truck 2.0t

Fits the Dual Monitoring of Traveling and Steering Motors International Safety Standard; Ergonomic Design Offers Perfect Combination of Performance & Safety; Best Choice for High Efficiency & Heavy Duty Handling Task, Top Driving Speed (Optional) Reaches 12KM/H.



■ 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.
- One-time formed fork, box type frame and adjustable linkage extends the life of undercarriage.
- High Speed(Up to 12KM/H Unladen): High Efficiency of Material Handling Operations









Safety

- Half-surrounded operator compartment design.
- Side leaning position provides wider view when travel forward and backward.
- Safety foot switch avoids operators from misoperating.
- Automatic braking and reverse current braking when foot switch is off or travel switch is neutral.
- Emergency disconnector will cut off power source to avoid accident when truck goes out of control.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.
- Dual-monitoring power steering, the top safety design(electric steering).



Operation

- With the new design of ergonomical tiller head, all buttons are controlled conveniently &comfortably.
- With backrest cushion, support seat, spacious operation room and vibration absorber pedal, operator will feel more comfortable.
- The unique suspension driving floating system(DFA) design, ensures the stability in high speed.
- Side-open battery compartment design for easy replacement and maintenance
- Electric power steering, smooth & comfortable (EPS).



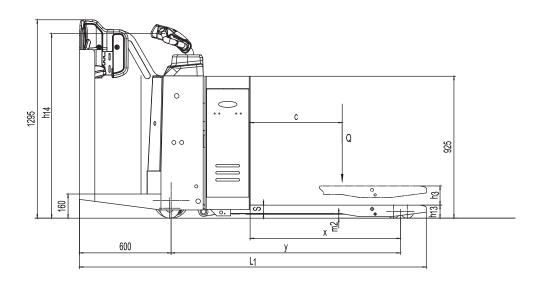
Maintenance

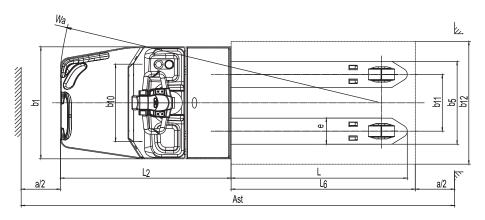
- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only loosing four bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Low voltage lift cut off design protects the battery.

Electric Pallet Truck 2.0t EPT20-RASS

Disting	uishing mark				
1.1	Manufacturer			EP	
1.2	Model designation			EPT20-RASS	
1.3	Drive unit			Electrics	
1.4	Operator type			standing	
1.5	rated capacity	Q	kg	2000	
1.6	Load center distance	С	mm	600	
1.8	Load distance	x	mm	958	
1.9	Wheelbase	у	mm	1465	
Weight					
2.1	Service weight (include battery)		kg	810	
2.2	Axle loading, laden driving side/loading side		kg	1166 / 1644	
2.3	Axle loading, unladen driving side/loading side		kg	630 / 180	
	Chassis		ıva	000 / 100	
3.1	Tyre type driving wheels/loading wheels			polyurethane / polyurethane	
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ230x75	
3.3	Tyre size, loading wheels (diameter×width)		mm	Ф85х70	
3.4	Tyre size, caster wheels (diameter width)		mm	Ф130x55	
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1 x +2 / 4	
3.6	Track width, front, driving side	b ₁₀	mm	510	
3.7	Track width,rear,loading side	b ₁₁	mm	370 / 430 / 515	
Dimen		DII		0.0 / 1.00 / 0.10	
4.4	Lift height	h ₃	mm	125	
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	1200	
4.15	Lowered height	h ₁₃	mm	85	
4.19	Overall length	I ₁	mm	2255	
4.20	Length to face of forks	l ₂	mm	1105	
4.21	Overall width	b ₁ / b ₂	mm	730	
4.22	Fork dimensions	s/ e/ I	mm	55 x 170 x 1150	
4.25	Outside width of the forks	b ₅	mm	540 / 600 / 685	
4.32	Ground clearance, center of wheelbase	m ₂	mm	30	
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2317	
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2517	
4.35	Turning radius	Wa	mm	2075	
	nance data				
5.1	Travel speed, laden/ unladen	km/ h	km/h	9.0 / 12.0	
5.2	Lifting speed, laden/ unladen		m/ s	0.050 / 0.054	
5.3	Lowering speed, laden/ unladen		m/ s	0.067 / 0.054	
5.8	Max. gradeability, laden/unladen		%	8 / 16	
5.10	Service brake type			Electromagnetic	
Electric	c-engine				
6.1	Drive motor rating S2 60 min		kW	2.5	
6.2	Lift motor rating at S3 15%		kW	2.2	
6.3	The maximum allowed size battery		mm	652 x 270 x 680	
6.4	Battery voltage/nominal capacity K5		V/Ah	24 / 280	
6.5	Battery weight		kg	250	
Additio					
8.1	Type of drive control			AC	
10.5	Steering type			Electronic	
10.7	Sound pressure level at the driver's ear		dB(A)	74	
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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	EPT20-RASS			
Fork length	○ 1150/1220			
Fork width	∘685/600/540mm			
Double load wheel	•			
Single load wheel	•			
Fork lowered height	_			
Data in an andre and	•PU			
Driving wheel	_			
Balance wheel	•			
Battery capacity	∘360AH			
Lateral change battery	○360AH			
cold storage	0			
Battery indicator without hour meter	0			
Battery indicator with hour meter	•			
Water auto-filling system	0			
Vertical handler working	-			
half speed function in turning	•			
Guard arm	<u>-</u>			
Special backrest	o1220mm (48in)/1520mm (60in)			
Note: ●standard ○option —NA	<u> </u>			