

EPT20-RASS EPT20-RASC Electric Pallet Truck 2.0t

Dual Monitoring of Traveling and Steering Motors Meets Highest Grade International Safety Standard; Human-friendly Design Offers Perfect Combination of Performance Amenity & Safety; As the Best Choice for High Efficiency & Intensity Material Handling, Top Driving Speed of 20RASS Reaches 12KM/H.

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Performance

- The innovative AC system offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low noisy low fault Hydraulic station, multilayer detection and test cylinder and pipeline ensure the high reliable of hydraulic system.
- High Reliable AMP connecter and electric parts. Reliable protect and fixation for all electric wires and cables, reduce the fault of electric parts greatly.
- Once shaping fork, box type frame, Adjustable long connecting rod, ensure the whole truck frame no deformation after long time working.
- High speed(12km/h unladen), High efficiency of carrying









Safety

- Half surrounded operator position design, let travel safer.
- Side lolling operation way, expand the view when travel forward and backward
- Pedal type safety switch, avoid wrong operation of travel.
- Automatic braking and reverse current braking when running switch off, more safety when driving.
- The emergency connector can be knobbed up to cut off all the power to avoid the sudden accident when the truck is out of control.
- The function of skid proof brake avoid the truck skidding down when truck is out of control or travel on grade.
- Two line monitor power steering, the top safety design.(electric steering).

Operation

- With the new designed ergonomically handle, all buttons are controlled convenient &comfortable.
- With backrest cushion and support seat, the operations will be more comfortable. spacious operation room and shock absorber pedal will increase the comfort greatly.
- The unique suspension driving floating system (DFA) design, ensures the stability in high speed running.
- Sideway battery design for easy battery replacement, suitable for continuous long working.
- Electric power steering, smooth & comfortable (EPS).





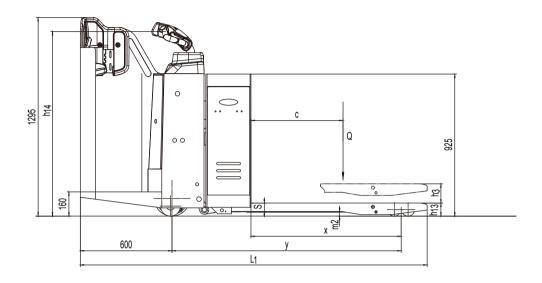
Maintenance

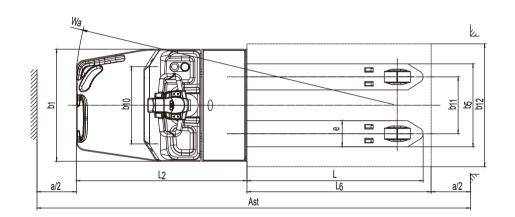
- AC traction motor, maintenance free.
- Hour meter and battery indicator will reminder the operator to recharge the battery.
- Dismantle the back cover easily only by loosing four bolts, then access to all key components for inspection, maintenance and replacement.
- Motor vertically mounted makes the inspection & service of motor and brake more convenient than that of motor horizontally mounted.
- Self-diagnostics system shows error code through handset which allow easy trouble-shooting
- Automatic protection when the voltages of battery is low.

Electric Pallet Truck 2.0t EPT20-RASS/EPT20-RASC

	120-K/33/LI 120-	1///			
	ishing mark				
.1	Manufacturer			EP	EP
.2	Model designation			EPT20-RASS	EPT20-RASC
3	Drive unit			Electrics	Electrics
4	Operator type			standing	standing
5	rated capacity	Q	kg	2000	2000
6	Load center distance	С	mm	600	600
8	Load distance	x	mm	958	958
9	Wheelbase	у	mm	1465	1465
1	Service weight (include battery)		kg	810	750
2	Axle loading, laden driving side/loading side		kg	1166 / 1644	1126 / 1624
3	Axle loading, unladen driving side/loading side		kg	630 / 180	590 / 160
pes,C					
1	Tyre type driving wheels/loading wheels			polyurethane / polyurethane	polyurethane / polyurethane
2	Tyre size, driving wheels (diameter×width)		mm	Ф230х75	Ф230x75
3	Tyre size, loading wheels (diameter×width)		mm	Ф85х70	Ф85х70
4	Tyre size, caster wheels (diameter×width)		mm	Ф130х60	Ф130х60
5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1 x +2 / 4	1 x +2 / 4
3	Track width, front, driving side	b 10	mm	510	510
7	Track width,rear,loading side	b 11	mm	370 / 430 / 515	370 / 430 / 515
mensi	ons				
4	Lift height	h ₃	mm	125	125
9	Height drawbar in driving position min./max.	h ₁₄	mm	1200	1200
15	Lowered height	h 13	mm	85	85
19	Overall length	I ₁	mm	2255	2255
20	Length to face of forks	I ₂	mm	1105	1105
21	Overall width	b ₁ / b ₂	mm	730	730
22	Fork dimensions	s/ e/ I	mm	55 x 170 x 1150	55 x 170 x 1150
25	Distance between fork-arms	b₅	mm	540 / 600 / 685	540 / 600 / 685
32	Ground clearance, center of wheelbase	m ₂	mm	30	30
34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2317	2317
34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2517	2517
35	Turning radius	Wa	mm	2075	2075
erform	ance data				
1	Travel speed, laden/ unladen	km/ h	km/h	9.0 / 12.0	5.5 / 6
2	Lifting speed, laden/ unladen		m/ s	0.051 / 0.060	0.051 / 0.060
3	Lowering speed, laden/ unladen		m/ s	0.032 / 0.039	0.032 / 0.039
3	Max. gradeability, laden/unladen			8 / 16	8 / 16
10	Service brake type			Electromagnetic	Electromagnetic
	engine				
1	Drive motor rating S2 60 min		kW	2.5	1.5
2	Lift motor rating at S3 15%		kW	0.84	0.84
3	The maximum allowed size battery		mm	652 x 270 x 680	652 x 270 x 680
4	Battery voltage/nominal capacity K5		V/Ah	24 / 280	24 / 210
5	Battery weight		kg	250	190
dition			3		
1	Type of drive control			AC	AC
.5	Steering type			Electronic	Electronic
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^{1.} The parameters in the table are the standard model, for more information please contact us. 2. The parameters are subject to change without notice.





Option

Options	EPT20-20RASC	EPT20-20RASS
Fork length	• 850/1000/1300/1450/1600/1800/2000/2400mm	• 850/1000/1300/1450/1600/1800/2000/2400mm
Driving wheel	●PU	-
lateral battery change	●280Ah/360Ah	●360Ah
Cold storage	•	•
battery indicator without hour meter	•	•
water auto-filling system	•	•
Special backrest	●1220mm (48in)/1520mm (60in)	◆1220mm (48in)/1520mm (60in)