



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

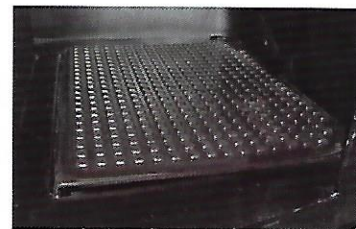
Fits the Dual Monitoring of Traveling and Steering Motors International Safety Standard;  
Ergonomic Design Offers Perfect Combination of Performance & Safety;  
Best Choice for High Efficiency & Heavy Duty Handling Task,  
Top Driving Speed (Optional) Reaches 12KM/H.



# 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 disconnect 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

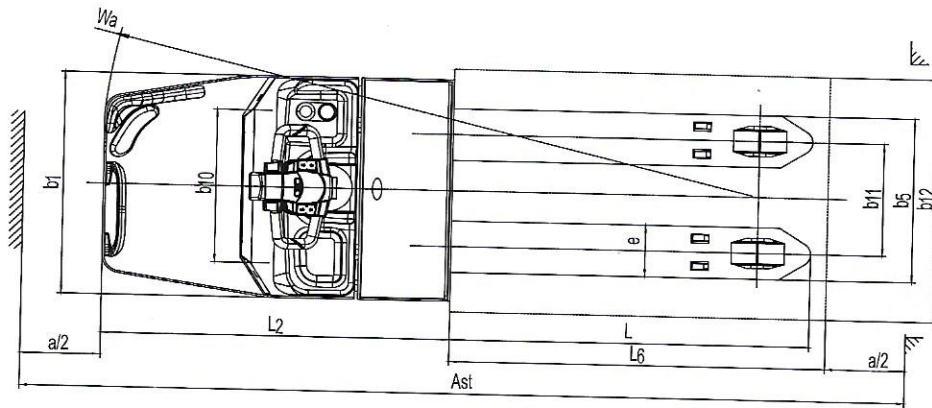
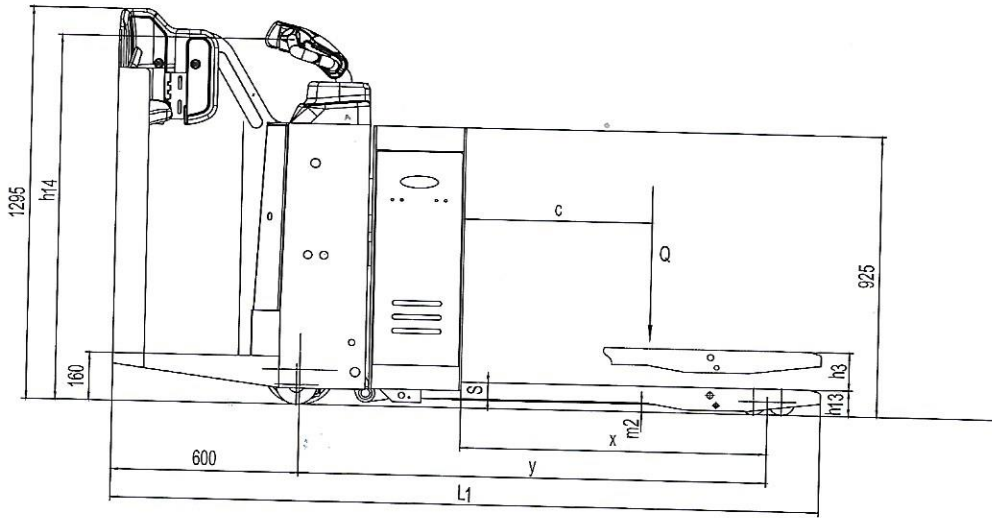
- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only loosening four bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much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



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

Distinguishing mark				EP	EP
1.1	Manufacturer			EPT20-RASS	EPT20-RASC
1.2	Model designation			Electric	Electric
1.3	Drive unit			standing	standing
1.4	Type of operation			2000	2000
1.5	Rated capacity	Q	kg	600	600
1.6	Load center distance	c	mm	958	958
1.8	Load distance	x	mm	1465	1465
1.9	Wheelbase	y	mm		
Weight					
2.1	Service weight (include battery)		kg	810	750
2.2	Axle loading, laden driving side/loading side		kg	1166 / 1644	1126 / 1624
2.3	Axle loading, unladen driving side/loading side		kg	630 / 180	590 / 160
Types, Chassis					
3.1	Tyre type driving wheels/loading wheels			polyurethane / polyurethane	polyurethane / polyurethane
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ230x75	Φ230x75
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ85x70	Φ85x70
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ130x60	Φ130x60
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1 x +2 / 4	1 x +2 / 4
3.6	Track width, front, driving side	b <sub>10</sub>	mm	510	510
3.7	Track width, rear, loading side	b <sub>11</sub>	mm	370 / 430 / 515	370 / 430 / 515
Dimensions					
4.4	Lift height		h <sub>3</sub> mm	125	125
4.9	Height drawbar in driving position min./max.		h <sub>14</sub> mm	1200	1200
4.15	Lowered height		h <sub>13</sub> mm	85	85
4.19	Overall length		l <sub>1</sub> mm	2255	2255
4.20	Length to face of forks		l <sub>2</sub> mm	1105	1105
4.21	Overall width		b <sub>1</sub> / b <sub>2</sub> mm	730	730
4.22	Fork dimensions		s / e / l mm	55 x 170 x 1150	55 x 170 x 1150
4.25	Distance between fork-arms		b <sub>5</sub> mm	540 / 600 / 685	540 / 600 / 685
4.32	Ground clearance, center of wheelbase		m <sub>2</sub> mm	30	30
4.34.1	Aisle width for pallets 1000 × 1200 crossways		Ast mm	2317	2317
4.34.2	Aisle width for pallets 800 × 1200 lengthways		Ast mm	2517	2517
4.35	Turning radius		Wa mm	2075	2075
Performance data					
5.1	Travel speed, laden/ unladen		km / h	9.0 / 12.0	5.5 / 6
5.2	Lifting speed, laden/ unladen		m / s	0.051 / 0.060	0.051 / 0.060
5.3	Lowering speed, laden/ unladen		m / s	0.032 / 0.039	0.032 / 0.039
5.8	Max. gradeability, laden/unladen			8 / 16	8 / 16
5.10	Service brake type			Electromagnetic	Electromagnetic
Electric engine					
6.1	Drive motor rating S2 60 min		kW	2.5	1.5
6.2	Lift motor rating at S3 15%		kW	0.84	0.84
6.3	The maximum allowed size battery		mm	652 x 270 x 680	652 x 270 x 680
6.4	Battery voltage/nominal capacity K5		V/Ah	24 / 280	24 / 210
6.5	Battery weight		kg	250	190
Addition data					
8.1	Type of drive control			AC	AC
10.5	Steering type			Electronic	Electronic
10.7	Sound pressure level at the driver's ear			74	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.



## Option

Options	EPT20-RASC	EPT20-RASS
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	—
Cold storage	•	• 360Ah
battery indicator without hour meter	•	•
water auto-filling system	•	•
Special backrest	• 1220mm (48in)/1520mm (60in)	• 1220mm (48in)/1520mm (60in)