



20/25EPT

Ride Electric Pallet Truck 2.0t, 2.5t
Ideal for Heavy Duty - Long Distance Material Handling



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 cylinders and hoses ensure the high reliability of hydraulic system.
- AMP connector and durable electric components greatly reduce malfunctions of components.
- One-time formed fork, box type frame and adjustable linkage extends the life of undercarriage.



Safety:

- Curved design of front chassis avoids pinching point when lifting.
- Curved design of bottom frame ensures proper ground clearance and avoids hurting operator's feet.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency button will cut off power source to avoid operator injury.
- Anti-rolling back holds the truck on an incline.
- LBR option avoids cargo from falling down.
- Long operation tiller withstands most impacts from crashes.

Operation:

- With the new design of ergonomical tiller head, all buttons can be reached conveniently & comfortably.
- Thanks to the long tiller design, it decreases the steering force greatly which leads to easy operations.
- With its special fork design, it's suitable for all popular pallets.
- Over 180° handle rotation range tiller & compact size ensure small turning radius & excellent maneuverability.
- Creep speed function: when tiller is in near vertical position, the driving speed will decrease automatically, allowing delicate operation in confined space.
- Creep Switch for vertical handle (optional).

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 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.
- Control system allows easy trouble-shooting.
- Low voltage lift cut off design protects batteries.

Distinguishing Mark

1.2	Model designation			20EPT		25EPT	
1.3	Drive unit			Electrics		Electrics	
1.4	Operator type			Pedestrian		Pedestrian	
1.5	Rated capacity	Q	kg	2000		2500	
1.6	Load center distance	c	mm	600		600	
1.8	Load distance	x	mm	916/982	937/1003	916/982	937/1003
1.9	Wheelbase	y	mm	1418	1488	1418	1488

Weight							
2.1	Service weight (include battery)		kg	535		565	
2.2	Axle loading, laden driving side/loading side		kg	955 / 1580		1070 / 1995	
2.3	Axle loading, unladen driving side/loading side		kg	430 / 105		445 / 120	

Types, Chassis							
3.1	Tyre type, driving wheels / loading wheels			PU / PU		PU / PU	
3.2	Tyre size, driving wheels (diametre x width)		mm	230 x 75		230 x 75	
3.3	Tyre size, loading wheels (diametre x width)		mm	85x70 / 83x115		85x70 / 83x115	
3.4	Tyre size, caster wheels (diametre x width)		mm	85x48		85x48	
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1 x +2 / 4 / 1 x +2 / 2		1 x +2 / 4 / 1 x +2 / 2	
3.6	Track width, front, driving side	b ₁₀	mm	498		498	
3.7	Track width, rear, loading side	b ₁₁	mm	370 / 430 / 515		370 / 430 / 515	

Dimensions							
4.4	Lift height	h ₃	mm	120		120	
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	715/1200		715/1200	
4.15	Lowered height	h ₁₃	mm	85		85	
4.19	Overall length	l ₁	mm	1748	1818	1748	1818
4.20	Length to face of forks	l ₂	mm	598		598	
4.21	Overall width	b ₁ /b ₂	mm	710		710	
4.22	Fork dimensions	s/ e/ l	mm	55x170x1150	55x170x1220	55x170x1150	55x170x1220
4.25	Outside width of the forks	b ₅	mm	540 / 600 / 685		540 / 600 / 685	
4.32	Ground clearance, center of wheelbase	m ₂	mm	30		30	
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast	mm	1815		1815	
4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2015		2015	
4.35	Turning radius	Wa	mm	1595		1595	

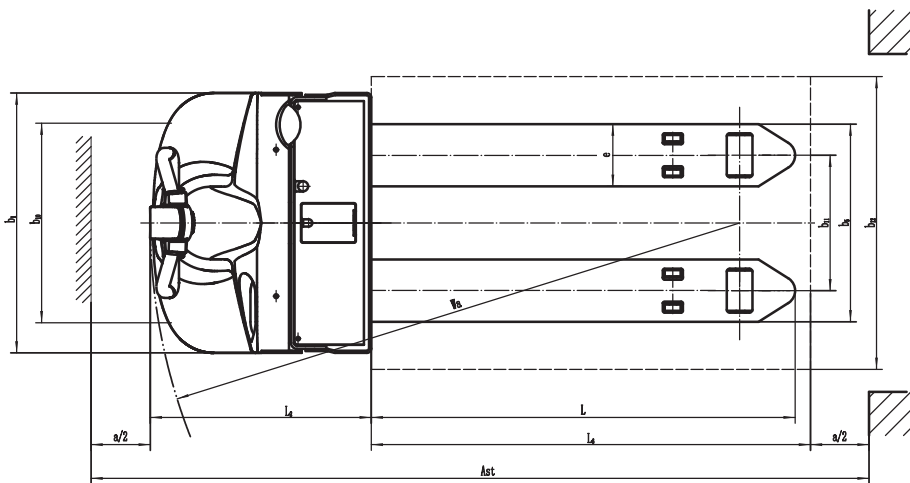
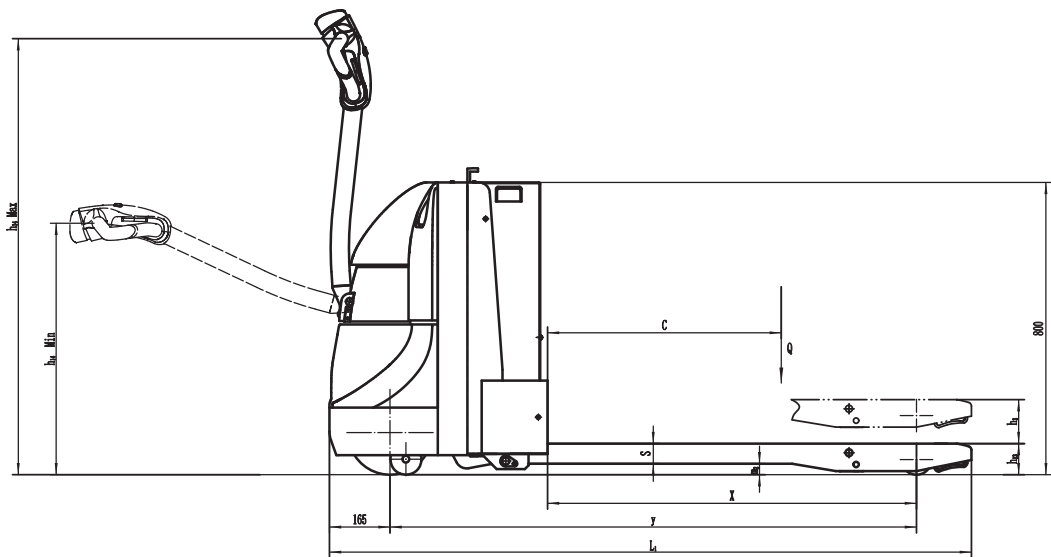
Performance data							
5.1	Travel speed, laden/ unladen	km/h	km/h	5/5.5		5/5.5	
5.2	Lifting speed, laden/ unladen		m/ s	0.026/0.031		0.026/0.031	
5.3	Lowering speed, laden/ unladen		m/ s	0.032/0.039		0.032/0.039	
5.8	Max. gradeability, laden/unladen			8/16		6/16	
5.10	Service brake type			Electromagnetic		Electromagnetic	

Electric-engine							
6.1	Drive motor rating S2 60min		kW	1.1		1.1	
6.2	Lift motor rating at S3 15%		kW	0.84		0.84	
6.3	The maximum allowed size battery		mm	680x205x600		690x205x600	
6.4	Battery voltage/nominal capacity K5			24/210		24/240	
6.5	Battery weight		kg	190		220	

Additional data							
8.1	Type of drive control			AC		AC	
10.5	Steering type			Mechanical		Mechanical	
10.7	Sound pressure level at the driver's ear		dB(A)	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.



Options

Options	20EPT	25EPT
Fork length	¡ 1150/1220	¡ 1150/1220
Fork width	¡ 540/600/685 mm	¡ 540/600/685 mm
Double load wheel		
Single load wheel		
Driving wheel	PU	PU
Balance wheel		
Cold storage	¡	¡
Battery indicator with hour meter		
Battery indicator without hour meter	¡	¡
Battery capacity	¡ 165AH/210AH/240AH	¡ 165AH/210AH/240AH
Lateral change battery	¡	¡
Water auto-filling system	¡	¡
Vertical handler working	¡	¡
Half speed function in turning	¡	¡
Guard arm	-	-
Fork lowered height	85mm	85 mm
Special backrest	¡ 1220mm (48in)/1520mm (60in)	¡ 1220mm (48in)/1520mm (60in)

Note: | standard ¡ option - NA



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