

E-Truck Heavy Duty

2000kg / 2500kg



Safe, powerful pallet handling for medium-heavy duty warehouse applications

- Heavy duty 2 ton or 2.5 ton lift capacities, AC technology and high quality Zapi programmable controller
- *2 battery options*: heavy duty traction lead acid battery, or maintenance-free lithium-ion battery
- Design and safety features include anti rollback and anti skid, for exceptional operator protection
- Multiple fork sizes available: choose fork lengths from 850mm to 2400mm, spans from 540mm to 1200mm
- Creep speed control enables operator to work more effectively in tight spaces
- Battery tray with reinforced protection against collision and vibration

E-Truck Heavy Duty:

Specification (2000kg)



				EP	EP	
Distinguishing mark	1.1	Manufacturer		EP	EP	
	1.2	Model designation		EPT20-20WA (Lead-acid)	EPT20-20WA (Li-ion)	
	1.3	Drive		Electric	Electric	
	1.4	Operator type		Pedestrian	Pedestrian	
	1.5	Load capacity	Q	kg	2000	2000
	1.6	Load center distance	c	mm	600	600
	1.8	Load distance, centre of drive axle to fork	x	mm	916 / 982	916 / 982
	1.9	Wheelbase	y	mm	1418	1418
	Service weight	2.1	Service weight		kg	530
2.2		Axle loading, laden front/rear		kg	950 / 1580	820 / 1580
2.3		Axle loading, unladen front/rear		kg	425 / 105	295 / 105
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane
	3.2.1	Tyre size, front		mm	Φ85x70	Φ85x70
	3.3.1	Tyre size, rear		mm	Φ230x75	Φ230x75
	3.4	Additional wheels (castor wheels)		mm	Φ85x48	Φ85x48
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1 x +2 / 4	1 x +2 / 4
	3.6.1	Tread width, front	b10	mm	498	498
	3.7.1	Tread width, rear	b11	mm	515	515
Dimensions	4.4	Lift height	h3	mm	120	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	715 / 1200	715 / 1200
	4.15	Lowered height	h13	mm	85	85
	4.19	Overall length	l1	mm	1748	1748
	4.20	Length to face of forks	l2	mm	621	621
	4.21	Overall width	b1/b2	mm	710	710
	4.22	Fork dimensions	s/e/l	mm	55 x 170 x 1150	55 x 170 x 1150
	4.25	Distance between fork-arms	b5	mm	685	685
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2400	2400
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2255	2255
4.35	Turning radius	Wa	mm	1600	1600	
Performance data	5.1	Travel speed, laden/unladen		km/ h	5 / 5.5	5 / 5.5
	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			Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	1.1	1.1
	6.2	Lift motor rating at S3 15%		kW	0.84	0.84
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 210	24 / 205
	6.5	Battery weight		kg	190	62
	Addition data	8.1	Type of drive control			AC
10.5		Steering design			Mechanical	Mechanical
10.7		Sound pressure level at the driver's ear		dB(A)	74	74

E-Truck Heavy Duty:

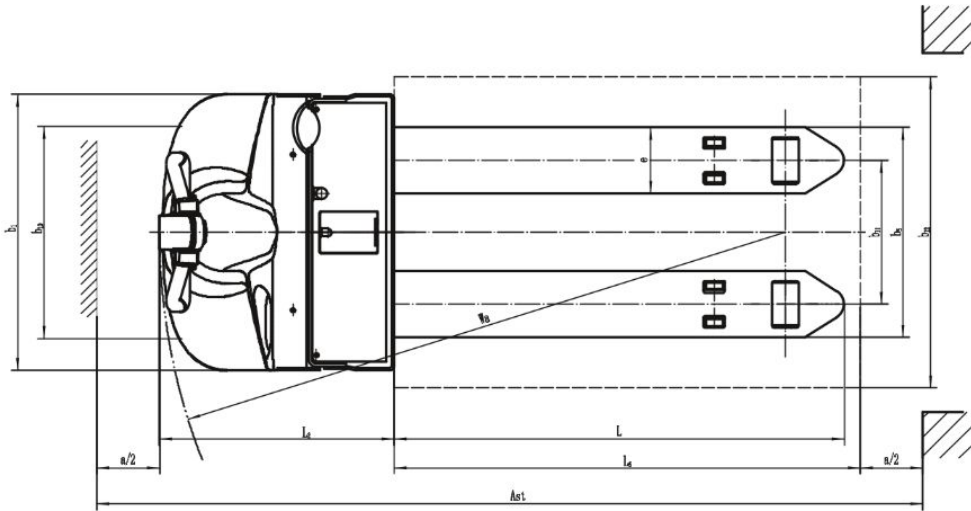
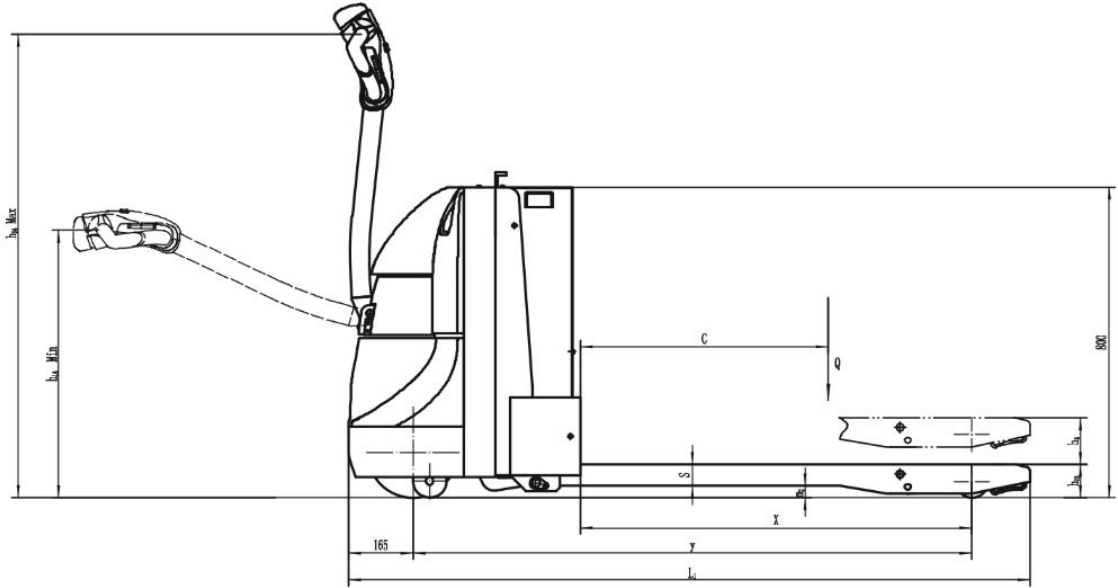
Specification (2500kg)



	Distinguishing mark		EP		EP		
Distinguishing mark	1.1	Manufacturer			EP	EP	
	1.2	Model designation			EPT25-WA(Lead-acid)	EPT25-WA(Li-ion)	
	1.3	Drive			Electric	Electric	
	1.4	Operator type			Pedestrian	Pedestrian	
	1.5	Load capacity	Q	kg	2500	2500	
	1.6	Load center distance	c	mm	600	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	916 / 982	916 / 982	
	1.9	Wheelbase	y	mm	1418	1418	
	Service weight	2.1	Service weight		kg	565	400
2.2		Axle loading, laden front/rear		kg	985 / 1580	820 / 1580	
2.3		Axle loading, unladen front/rear		kg	460 / 105	295 / 105	
Tyres/chassis	3.1	Tyre type			Polyurethane	Polyurethane	
	3.2.1	Tyre size, front		mm	Φ85x70	Φ85x70	
	3.3.1	Tyre size, rear		mm	Φ230x75	Φ230x75	
	3.4	Additional wheels (castor wheels)		mm	Φ85x48	Φ85x48	
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1 x +2 / 4	1 x +2 / 4	
	3.6.1	Tread width, front	b10	mm	498	498	
Dimensions	3.7.1	Tread width, rear	b11	mm	515	515	
	4.4	Lift height	h3	mm	120	120	
	4.9	Height of tiller handle in drive position min./max.	h14	mm	715 / 1200	715 / 1200	
	4.15	Lowered height	h13	mm	85	85	
	4.19	Overall length	l1	mm	1748	1748	
	4.20	Length to face of forks	l2	mm	621	621	
	4.21	Overall width	b1/b2	mm	710	710	
	4.22	Fork dimensions	s/e/l	mm	55 x 170 x 1150	55 x 170 x 1150	
	4.25	Distance between fork-arms	b5	mm	685	685	
	4.32	Ground clearance, center of wheelbase	m2	mm	30	30	
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2400	2400	
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2255	2255	
	4.35	Turning radius	Wa	mm	1600	1600	
	Performance data	5.1	Travel speed, laden/unladen		km/ h	5 / 5.5	5 / 5.5
		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			Electromagnetic	Electromagnetic	
Electric-engine	6.1	Drive motor rating S2 60 min		kW	1.1	1.1	
	6.2	Lift motor rating at S3 15%		kW	0.84	0.84	
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 240	24 / 205	
	6.5	Battery weight		kg	220	62	
Addition data	8.1	Type of drive control			AC	AC	
	10.5	Steering design			Mechanical	Mechanical	
	10.7	Sound pressure level at the driver's ear		dB(A)	74	74	

E-Truck Heavy Duty:

Drawing & Load Chart



Fork length (mm)	Load capacity (kg)
	EPT20-20WA
850	
1000	
1150	
1220	2000KG
1300	
1450	
1600	
1800	1800KG
2000	
2200	
2400	1600KG

E-Truck Heavy Duty:

Options



No.	Optional items	EPT20-20WA/EPT25-WA
1.1	Fork length	●1150/1220○850/1000/1300/1450/1600/1800/2000 /2200/2400
1.2	Fork width	●540/685○600/725/790/840/940/1000/1050 /1100/1200
1.3	Fork lowered height	●85
1.4	Fork carriage width	726
1.5	Fork carriage height	○1220mm (48in) ○1520mm (60in)
2.1	Load wheel type	●Double○Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU○Trace PU○Rubber
2.7	Battery capacity	●205Ah●210Ah (Lead Acid battery) ○240Ah (Lead Acid battery)
2.8	Charger	●24V-100AExternal○24V-50AExternal ●24V-30AExternal (Lead Acid battery) ○24V-50AExternal (Lead Acid battery)
2.9	Battery indicator	●Yueli Hourmeter (With time)
3.3	Castor wheels	●Yes and not customized
3.4	Water auto-filling system	○Yes and not customized
3.16	Vertical handler working	●Vertical handler working
4.1	Battery side pull function	○Battery side pull function
4.2	Cold storage	○Cold storage
4.4	Weighting system with fork	○Weighting system with fork
Note: ●Standard ○ Optional - Inconformity		



Units 10 & 11 Bridgwater Court, Oldmixon Crescent, Weston Super Mare BS24 9AY

Tel: +44 (0)1934 621777 Email: sales@howardhandling.co.uk Web: www.howardhandling.co.uk