

**MiMA**<sup>®</sup>



BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.

Add: Crossing of Daihe Road and Cailun Road,Hefei,China  
Tel: +86 551 6425 5078  
Fax: +86 551 6211 3877  
E-mail: sales@mimachina.com  
Website: www.mimaforklift.com



Website

## ELECTRIC PALLET TRUCK

ME20/25/30/40/60

MEW20

MEB60

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[www.mimaforklift.com](http://www.mimaforklift.com)

## ME20/25

### RIDE-ON ELECTRIC PALLET TRUCK

ME20/25 series is a horizontal transportation pallet truck, operated by battery, EPS steering, suitable for handling medium and heavy-duty goods at medium and long distance, to be used in logistics, warehouse, foods, textiles, printing, cold chain industries and supermarket, shopping mall, workshop and so on.



## PRODUCT FEATURES

- Emergency stop switch, upper and lower brake of handle, emergency reverse button, turning speed limit, under-voltage protection, lifting limit at high position to ensure driving safety;



- With America Curtis controller, reliable and durable; AMP waterproof and dustproof plug-in components, protecting circuit and reducing electrical fault;



- Torsion spring and disc damping pedal, the auxiliary wheels adopts hydraulic damper, make driving comfort and safety.



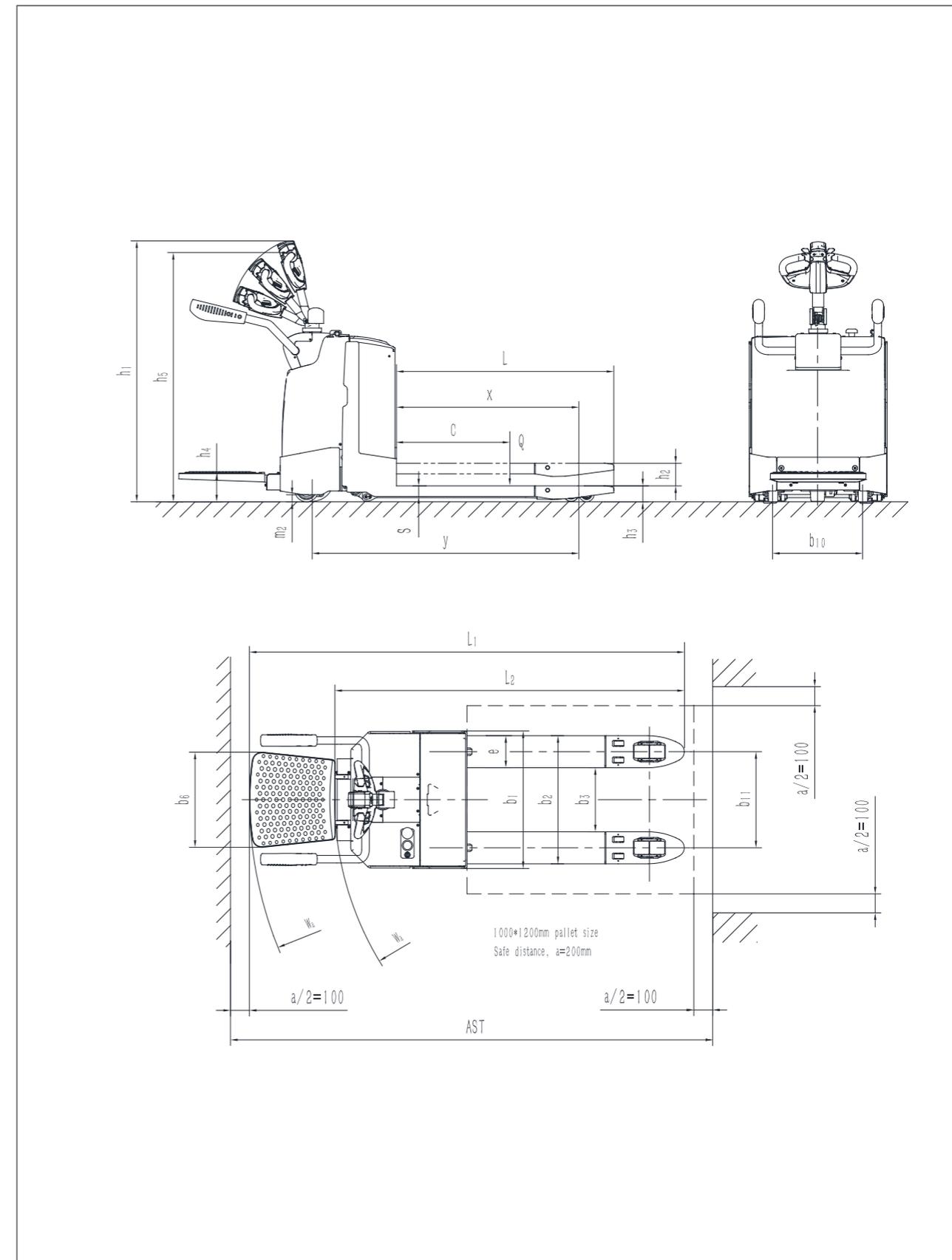
- Maintenance-free AC drive system provide strong power; 210Ah high-capacity battery support for long working time; Optional for side pull battery, large capacity battery; support for no-standard customization, such as longer fork length, wider fork width, etc



- Pull Rod lifting and parallel four-bar structure, easy to adjust and lifting stably; The mechanical structure material is solid, and key parts are made of high strength steel plate, strong and durable.



Standard				
1.1	Brand	MiMA	MiMA	
1.2	Model	ME20	ME25	
1.3	Power type	Battery	Battery	
1.4	Operation type	Stand on	Stand on	
1.5	Rated capacity	Q(kg)	2000	2500
1.6	Load center	C(mm)	600	600
1.7	Load distance	x(mm)	865	865
1.8	Wheelbase	y(mm)	1345	1345
Weight				
2.1	Service weight(incl. battery)	kg	676	676
2.2	Axle capacity with full load, drive side/load side	kg	920/1756	920/1756
2.3	Axle capacity with no load, drive side/load side	kg	547/129	547/129
Wheel				
3.1	Wheel type	PU	PU	
3.2	Load wheel	mm	Φ80×70	Φ80×70
3.3	Drive wheel	mm	Φ230×75	Φ230×75
3.4	Auxiliary wheel	mm	Φ125×50	Φ125×50
3.5	Number of wheels, load/drive(x=drive wheel)+auxiliary wheel		4/1X+2	4/1X+2
3.6	Wheel tread, drive side	b10mm	476	476
3.7	Wheel tread, load side	b11(mm)	510	510
Size				
4.1	Overall height	h1(mm)	1380	1380
4.2	Lift height	h2(mm)	120	120
4.3	Fork face min.ground clearance	h3(mm)	85	85
4.4	Pedal height	h4(mm)	155	155
4.5	Handle height	h5(mm)	1080~1340	1080~1340
4.6	Overall length, pedal off/on	l1(mm)	1900/2310	1900/2310
4.7	Overall width	b1(mm)	730	730
4.8	Fork outside width	b2(mm)	680/540	680/540
4.9	Fork size	l/e/s(mm)	1150/170/56	1150/170/56
4.10	Body ground clearance	m2(mm)	35	35
4.11	Aisle width for pallet 1000*1200mm, pedal on/off	Ast(mm)	2500/2050	2500/2050
4.12	Aisle width for pallet 800*1200mm, pedal on/off	Ast(mm)	2550/2100	2550/2100
4.13	Turning radius, pedal on/off	Wa(mm)	2065/1730	2065/1730
Function				
5.1	Driving speed(load/unload)	km/h	6/6	6/6
5.2	Lifting speed(load/unload)	mm/s	40/55	40/55
5.3	Lowering speed(load/unload)	mm/s	35/35	35/35
5.4	Max. gradeability(load/unload)(S2-5min)	%(tanθ)	6/15	6/15
5.5	Brake type		Electromagnetic	Electromagnetic
Drive				
6.1	Driving motor(S2-60min)	kw	1.5(AC)	1.5(AC)
6.2	Lifting motor(S3-15%)	kw	2.2(DC)	2.2(DC)
6.3	Battery voltage/capacity	V/Ah	24/210*	24/210*
6.4	Battery weight	kg	200	200
6.5	Steering System		EPS	EPS
Other				
7.1	Battery replacement type		Hoisting	Hoisting
7.2	Lithium battery voltage / capacity	V/Ah	24/150	24/150



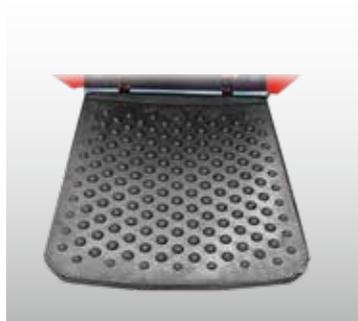


## ME30/40

### RIDE-ON ELECTRIC PALLET TRUCK

ME30/40 series is a horizontal transportation pallet truck, max-loading capacity is 4000kg, suitable for medium and long distance horizontal handling of heavy-duty goods and handling palletized goods in warehouse, supermarket, workshop and so on.

## PRODUCT FEATURES



■ Adopt ergonomic damping pedal



■ Emergency reverse driving function to protect driver safety



■ Standard equipped with armrest, when put down armrest, max. driving speed is 3.0km/h; when close up armrest, max. driving speed is 6.0km/h



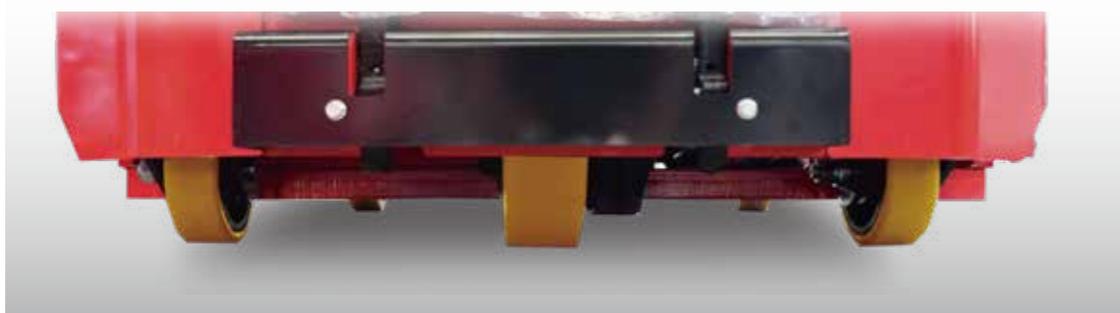
■ With America Curtis controller, reliable and durable; AMP waterproof and dustproof plug-in components, protecting circuit and reducing electrical fault

■ Electromagnetic brake make sure that pallet truck won't slip when parking

■ Turning speed limited function (curve control and turning angle are curve relationship)



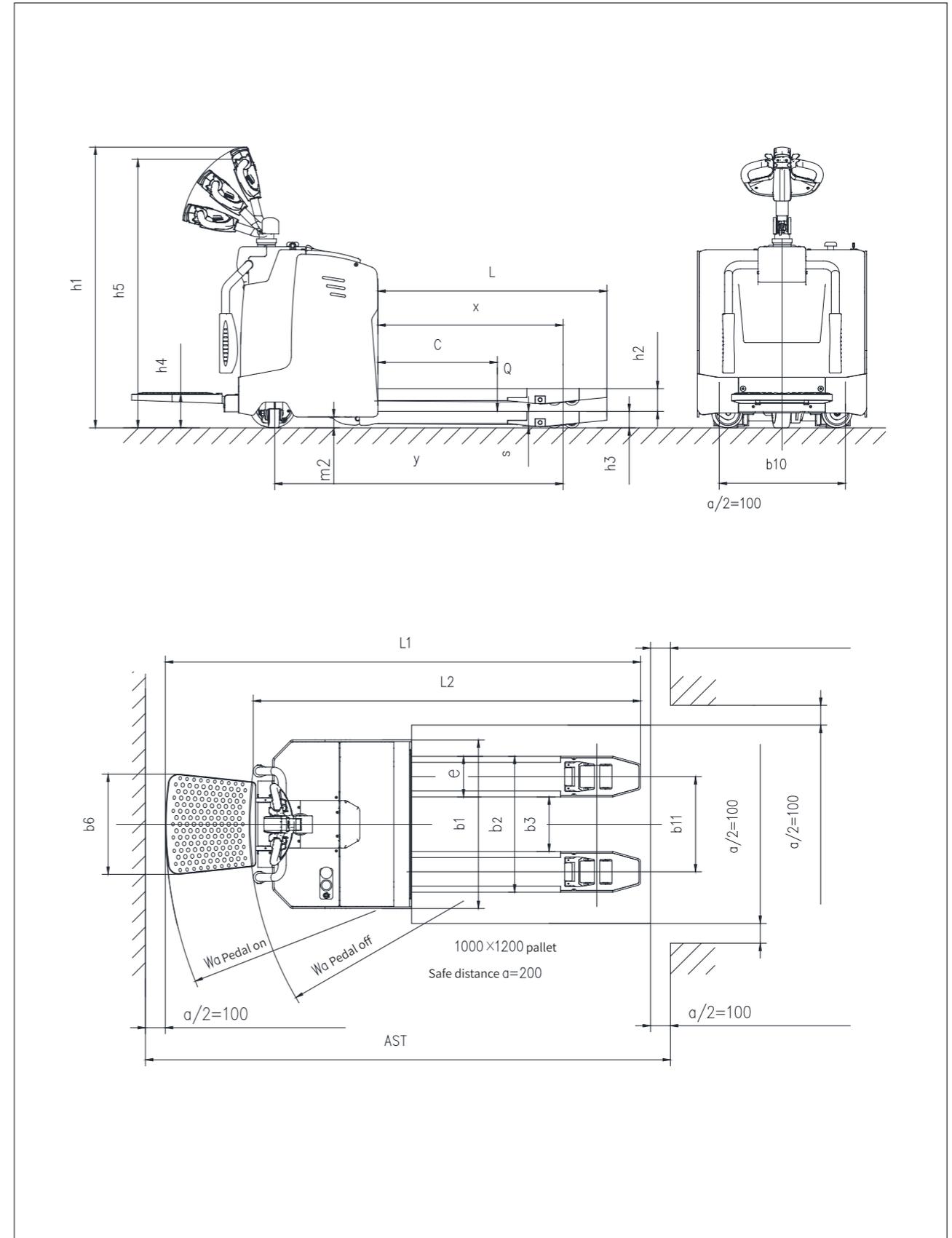
■ Unique stand-on floating suspension system design, drive wheels always contact with ground, ensure that drive wheels won't slip and stability of whole truck.



■ The mechanical structure material is solid, and key parts are made of high strength steel plate, strong and durable..



Standard				
1.1	Brand	MiMA	MiMA	
1.2	Model	ME30	ME40	
1.3	Power type	Battery	Battery	
1.4	Operation type	Stand on	Stand on	
1.5	Rated capacity	Q(kg)	3000	4000
1.6	Load center	C(mm)	600	600
1.7	Load distance	x(mm)	985/910	930/855
1.8	Wheelbase	y(mm)	1515/1440	1460/1385
Weight				
2.1	Service weight(incl. battery)	kg	860	900
2.2	Axle capacity with full load, drive side/load side	kg	1460/2400	1600/3300
2.3	Axle capacity with no load, drive side/load side	kg	700/160	720/180
Wheel				
3.1	Wheel type	PU	PU	
3.2	Load wheel	mm	Φ80×70	Φ80×110
3.3	Drive wheel	mm	Φ230×75	Φ230×75
3.4	Auxiliary wheel	mm	Φ150×50	Φ150×50
3.5	Number of wheels, front/rear(x=drive wheel)		4/1X+2	4/1X+2
3.6	Wheel tread, drive side	b10(mm)	630	630
3.7	Wheel tread, load side	b11(mm)	510	480
Size				
4.1	Overall height	h1(mm)	1420	1420
4.2	Lift height	h2(mm)	110	110
4.3	Fork face min.ground clearance	h3(mm)	85	85
4.4	Pedal height	h4(mm)	180	180
4.5	Handle height	h5(mm)	1090~1360	1090~1360
4.6	Overall length, pedal off/on	l 1(mm)	1945/2390	1945/2390
4.7	Overall width	b1(mm)	850	850
4.8	Fork outside width	b2(mm)	685/540	685/540
4.9	Fork size	l/e/s(mm)	1150/175/75	1150/205/75
4.10	Body ground clearance	m2 (mm)	55	55
4.11	Aisle width for pallet 1000*1200mm, pedal on/off	Ast(mm)	2150/2590	2150/2590
4.12	Aisle width for pallet 800*1200mm, pedal on/off	Ast(mm)	2200/2640	2200/2640
4.13	Turning radius, pedal on/off	Wa(mm)	2220/1800	2170/1750
Function				
5.1	Driving speed(load/unload)	km/h	5/6	5/6
5.2	Lifting speed(load/unload)	mm/s	29/33	23/33
5.3	Lowering speed(load/unload)	mm/s	23/18	25/18
5.4	Max. gradeability(load/unload)(S2-5min)	%(tanθ)	5/8	5/8
5.5	Brake type		Electromagnetic	Electromagnetic
Drive				
6.1	Driving motor(S2-60min)	kw	1.5 (AC)	2.3 (AC)
6.2	Lifting motor(S3-15%)	kw	2.2 (DC)	2.2 (DC)
6.3	Battery voltage/capacity	V/Ah	24/210	24/270
6.4	Battery weight	kg	200	240
6.5	Steering System		EPS	EPS
Other				
7.1	Battery replacement type		Hoisting	Hoisting
7.2	Lithium battery	V/Ah	24/150	24/200



# MEW20

## PEDESTRIAN PALLET TRUCK

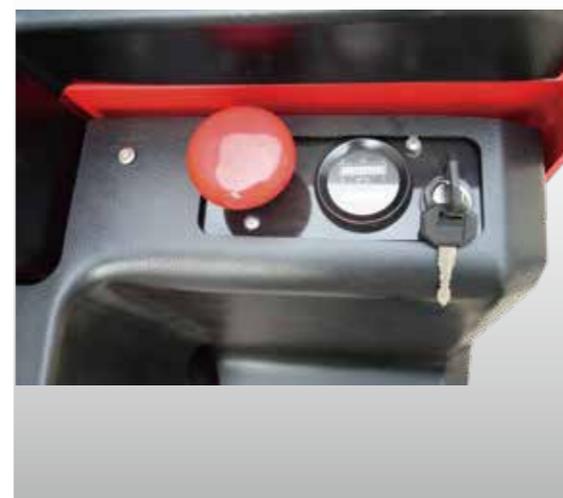
MEW20 series is a horizontal transportation pallet truck, with loading capacity 2000kg. Suitable for handling light and medium goods at short distance, to be used in logistics, warehouse, foods, etc and shopping mall, supermarket, workshop, etc.



## PRODUCT FEATURES



- Ergonomic operation handle design, easy to operation



- DC permanent magnetic drive motor, strong power and high performance
- AMP waterproof and dustproof plug-in components, protecting circuit and reducing electrical fault

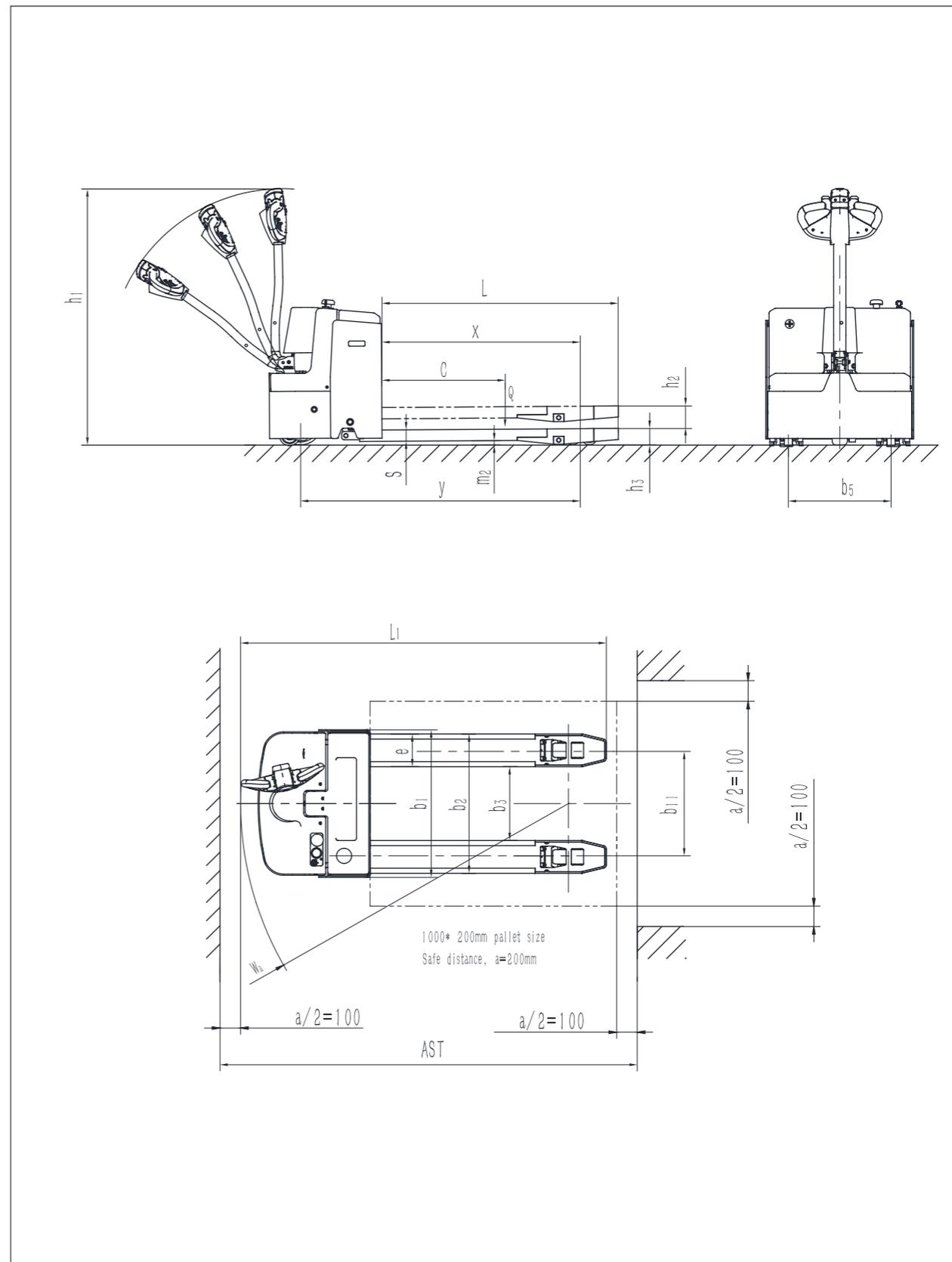
- Maintenance free battery, easy to use, built-in charger, more convenient to charge;



- Compact size, easy to work in narrow aisle, save much spaces



Standard		
1.1	Brand	MiMA
1.2	Model	MEW20
1.5	Power type	Battery
1.6	Operation type	Walkie
1.7	Rated capacity	Q(kg) 2000
1.8	Load center	C(mm) 600
1.9	Front overhang	x(mm) 969
1.10	Wheelbase	y(mm) 1291
Weight		
2.1	Service weight(incl. battery)	(kg) 400
2.2	Axle capacity with full load, drive side/load side	(kg) 850/1550
2.3	Axle capacity with no load, drive side/load side	(kg) 310/90
Wheel		
3.1	Wheel type	PU
3.2	Load wheel	(mm) $\phi 78 \times 70$
3.3	Drive wheel	(mm) $\phi 210 \times 70$
3.4	Auxiliary wheel	(mm) $\phi 100 \times 40$
3.5	Number of wheels, front/rear(x=drive wheel)	4 / 1x+2
3.6	Wheel tread, drive side	b4(mm) 500
3.7	Wheel tread, load side	b5(mm) 530
Size		
4.1	Lift height	h2(mm) 115
4.2	Handle height when operation	h1(mm) 760/1244
4.3	Fork face min. ground clearance	h3(mm) 85
4.4	Overall length	L1(mm) 1700
4.5	Overall width	b1(mm) 730
4.6	Fork size	l/e/s(mm) 1150/45/160
4.7	Fork outside width	b1(mm) 680
4.8	Fork ground clearance	m2(mm) 40
4.9	Aisle width for pallet 1000*1200mm (C=500)	Ast(mm) 1990
4.10	Aisle width for pallet 1000*1200mm (C=600)	Ast(mm) 2040
4.11	Turning radius	Wa(mm) 1600
Function		
5.1	Driving speed(load/unload)	(km/h) 3.6/3.7
5.2	Lifting speed(load/unload)	(mm/s) 39/46
5.3	Lowering speed(load/unload)	(mm/s) 46/40
5.4	Max. gradeability(load/unload)(S2-5min)	%(tan $\theta$ ) 3/10
5.5	Brake type	Electromagnetic
Drive		
6.1	Driving motor(S2-60min)	(kw) 0.75(DC)
6.2	Lifting motor(S3-15%)	(kw) 0.8(DC)
6.3	Battery voltage/capacity	(V/Ah) 24/100
6.4	Battery weight	(kg) 70
6.5	Steering System	Mechanical
Other		
7.1	Battery replacement type	Hoisting
7.2	Lithium battery voltage / capacity	V/Ah 24/80



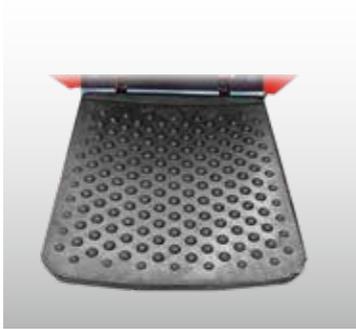
# ME60

## HEAVY-DUTY PALLET TRUCK

ME60 series is a heavy-duty pallet truck with loading capacity 6000kg. Suitable for medium and long distance horizontal handling of heavy-duty goods and handling palletized goods in warehouse, supermarket, workshop and so on.



## PRODUCT FEATURES



■ Adopt ergonomic damping pedal



■ Emergency reverse driving function to protect driver safety



■ Standard equipped with armrest, when put down armrest, max. driving speed is 4.5km/h

- With America Curtis controller, reliable and durable; AMP waterproof and dustproof plug-in components, protecting circuit and reducing electrical fault;
- Electromagnetic brake make sure that pallet truck won't slip when parking;
- Turning speed limited function (curve control and turning angle are curve relationship)

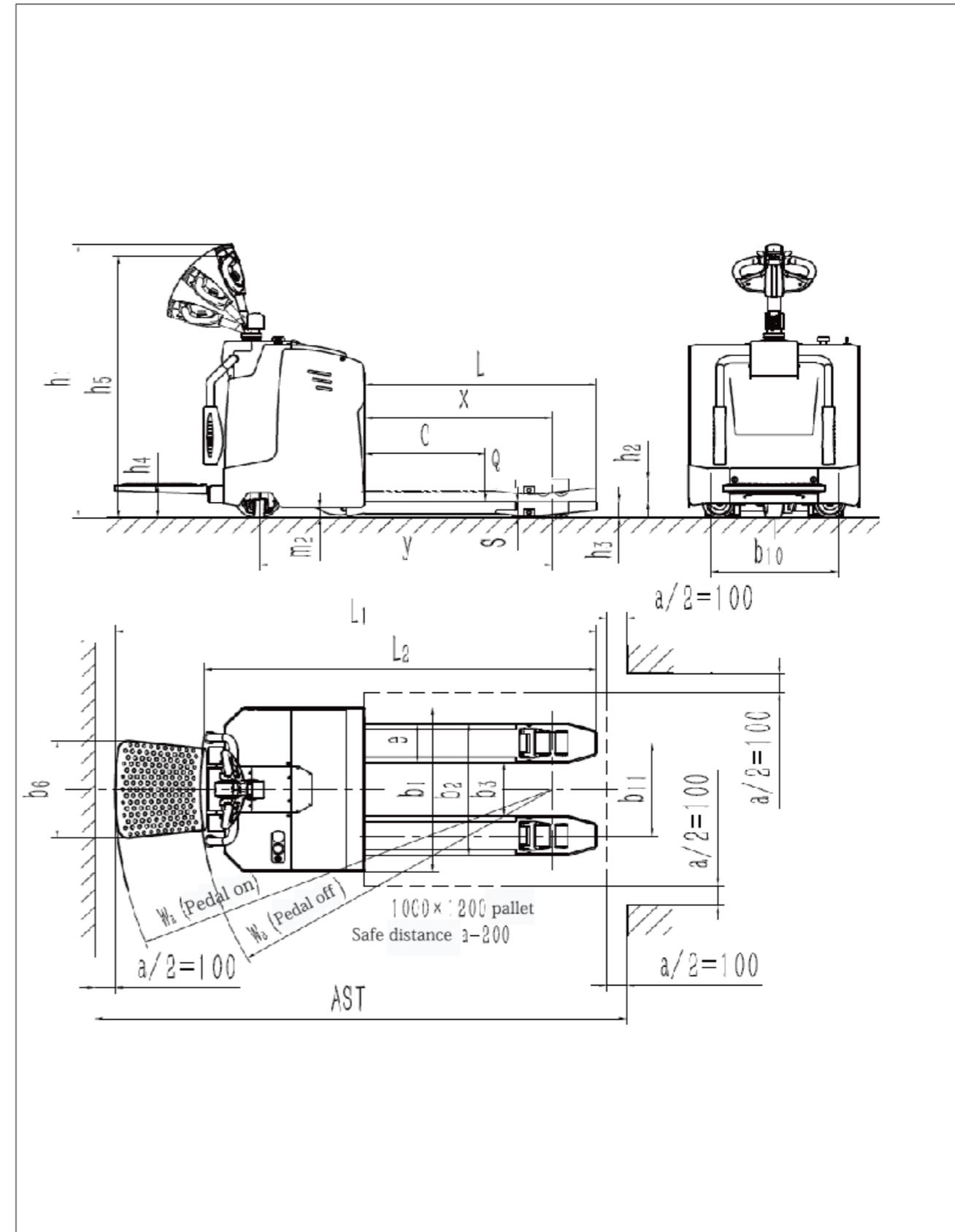


■ Unique stand-on floating suspension system design, drive wheels always contact with ground, ensure that drive wheels won't slip and stability of whole truck

- The mechanical structure material is solid, and key parts are made of high strength steel plate, strong and durable.



Standard		
1.1	Brand	MiMA
1.2	Model	ME60
1.3	Power type	Battery
1.4	Operation type	Stand on
1.5	Rated capacity	Q(kg) 6000
1.6	Load center	C(mm) 600
1.8	Load distance	x(mm) 980/935
1.9	Wheelbase	y(mm) 1525/1480
Weight		
2.1	Service weight(incl. battery)	kg 1300
2.2	Axle capacity with full load, drive side/load side	kg /
2.3	Axle capacity with no load, drive side/load side	kg /
Wheel		
3.1	Wheel type	PU
3.2	Load wheel	mm $\Phi 90 \times 80$
3.3	Drive wheel	mm $\Phi 254 \times 100$
3.4	Auxiliary wheel	mm BCL125 $\times$ 50
3.5	Number of wheels, front/rear(x=drive wheel)	8/1X+4
3.6	Wheel tread, drive side	b10(mm) 630
3.7	Wheel tread, load side	b11(mm) 460
Size		
4.1	Overall height	h1(mm) 1420
4.2	Lift height	h2(mm) 110
4.3	Fork face min. ground clearance	h3(mm) 95
4.4	Pedal height	h4(mm) 180
4.5	Handle height	h5(mm) 1090~1360
4.6	Overall length, pedal off/on	l1(mm) 1945/2390
4.7	Overall width	b1(mm) 850
4.8	Fork outside width	b2(mm) 715
4.9	Fork size	l/e/s(mm) 1200/255/87
4.10	Body ground clearance	m2(mm) 55
4.11	Aisle width for pallet 1000*1200mm, pedal on/off	Ast(mm) 2250/2690
4.12	Aisle width for pallet 800*1200mm, pedal on/off	Ast(mm) 2300/2740
4.13	Turning radius, pedal on/off	Wa(mm) 2320/1900
Function		
5.1	Driving speed(load/unload)	km/h 4.0/4.5
5.2	Lifting speed(load/unload)	mm/s 29/35
5.3	Lowering speed(load/unload)	mm/s 29/16
5.4	Max. gradeability(load/unload)(S2-5min)	%(tan $\theta$ ) 4/8
5.5	Brake type	Electromagnetic
Drive		
6.1	Driving motor(S2-60min)	kw 2.5 (AC)
6.2	Lifting motor(S3-15%)	kw 3.0 (DC)
6.3	Battery voltage/capacity	V/Ah 24/270
6.4	Battery weight	kg 240
6.5	Steering System	EPS
Other		
7.1	Battery replacement type	Hoisting
7.2	Lithium battery voltage / capacity	V/Ah 24/200



## MEB60 STAND-ON PALLET TRUCK

MEB60 series is a pallet truck with loading capacity 6000kg, suitable for medium and long distance horizontal handling of heavy-duty goods, such as loading/unloading goods on large truck.

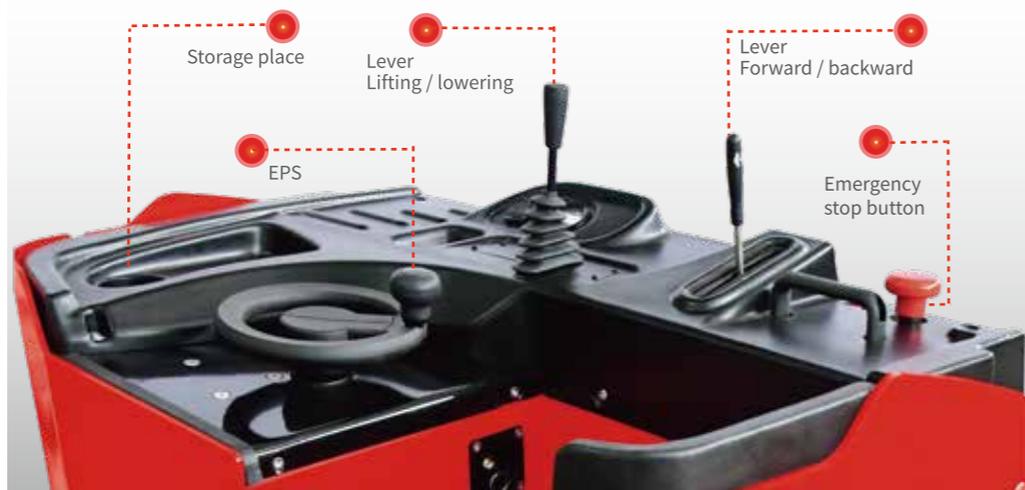


## PRODUCT FEATURES



- With America Curtis controller, reliable and durable;
- Scientific operation handle design, safety, labor-saving and flexible operation.

- With America Curtis controller, reliable and durable; AMP waterproof and dustproof plug-in components, protecting circuit and reducing electrical fault;
- Maintenance-free AC drive system provide strong power; 350/420Ah high-capacity battery support for long working time;
- Intelligent charger is good for protecting battery and easy to charge.



Ergonomic design of operation handle makes driver more comfortable during operation.

- Electromagnetic brake make sure that pallet truck won't slip when parking



Standard		
1.1	Brand	MiMA
1.2	Model	MEB60
1.3	Power type	Battery
1.4	Operation type	Stand on
1.5	Rated capacity	Q(kg) 6000
1.6	Load center	C(mm) 600
1.8	Load distance	x(mm) 980/925
1.9	Wheelbase	y(mm) 1600/1545
Weight		
2.1	Service weight(incl. battery)	kg 1650
2.2	Axle capacity with full load, drive side/load side	kg 2640/5010
2.3	Axle capacity with no load, drive side/load side	kg 1270/380
Wheel		
3.1	Wheel type	PU
3.2	Load wheel	mm $\Phi 85 \times 145$
3.3	Drive wheel	mm $\Phi 280 \times 135$
3.4	Auxiliary wheel	mm $\Phi 125 \times 50$
3.5	Number of wheels, front/rear(x=drive wheel)	4/1X+2
3.6	Wheel tread, drive side	b10(mm) 645
3.7	Wheel tread, load side	b11(mm) 480
Size		
4.1	Overall height	h15 1540
4.2	Lift height	h3(mm) 110
4.3	Stand board height	h7(mm) 300
4.4	Overall length	l1(mm) 2030
4.5	Overall width	b1(mm) 1000
4.6	Fork size	l/e/s(mm) 1200/235/86
4.7	Fork face min. ground clearance	h13(mm) 100
4.8	Fork outside width	b5(mm) 715
4.9	Body ground clearance	m2(mm) 60
4.10	Aisle width for pallet 1000*1200mm	Ast(mm) 2245
4.11	Aisle width for pallet 800*1200mm	Ast(mm) 2330
4.12	Turning radius	Wa(mm) 1890
Function		
5.1	Driving speed(load/unload)	km/h 5/6
5.2	Lifting speed(load/unload)	mm/s 18/35
5.3	Lowering speed(load/unload)	mm/s 65/10
5.8	Max. gradeability(load/unload)(S2-5min)	%(tan $\theta$ ) 3/6
5.10	Brake type	Electromagnetic
Drive		
6.1	Driving motor(S2-60min)	kw 4 (AC)
6.2	Lifting motor(S3-15%)	kw 3.5 (DC)
6.3	Battery voltage/capacity	V/Ah 24/420
6.4	Battery weight	kg 335
6.5	Steering System	EPS
Other		
7.1	Battery replacement type	Side pull
7.2	Lithium battery voltage / capacity	V/Ah 24/200

