

ELECTRIC PALLET TRUCK

ME20/25/30/40/60

MEW20

MEB60

MiMA

Min. space Max. performance

BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.

Add: Crossing of Daihe Road and Cailun Road,Hefei,China

Tel: +86 551 6219 3112

E-mail: sales@mimachina.com

Website: www.mimaforklift.com



Website



ME20/25

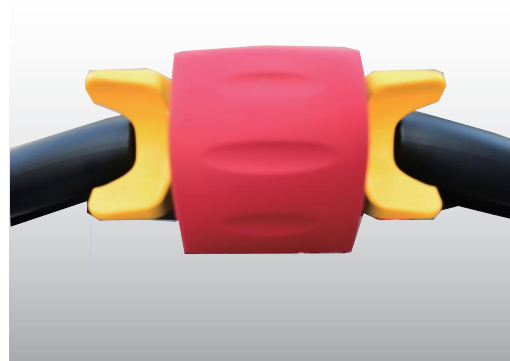
RIDE-ON ELECTRIC PALLET TRUCK

ME20/25 series are a horizontal transportation pallet truck, batteries powered, 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 adopt hydraulic damper, make driving comfort and safety.



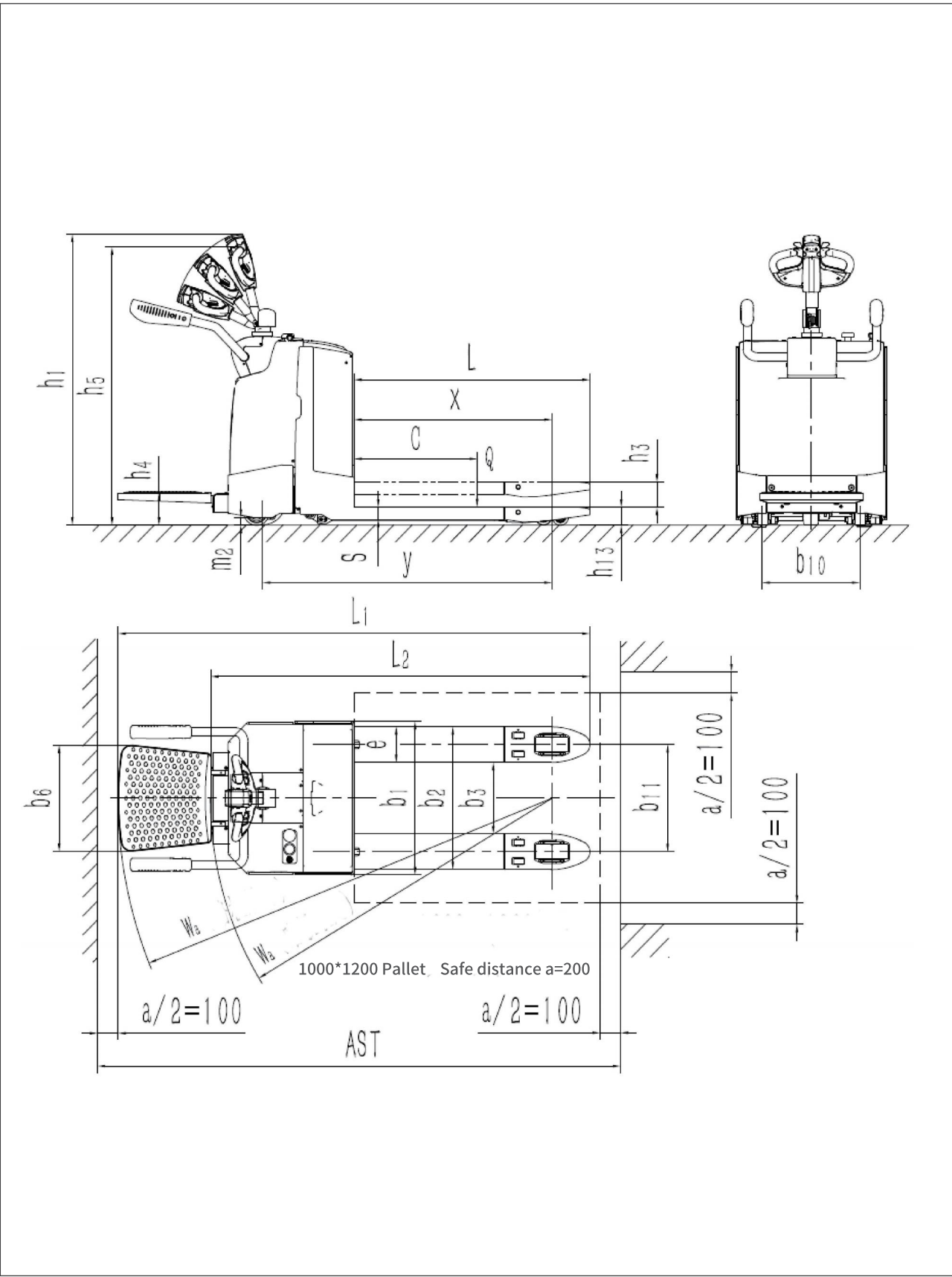
- Maintenance-free AC drive system provides strong power; 210Ah high-capacity battery supports for long working time; Optional for side pull replacement battery, large capacity batteries; support for customization, such as longer and wider the fork, etc



- 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 load 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	630	630
2.2	Axle capacity with full load, drive side/load side	kg	920/1756	1140/2036
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)	1430	1430
4.2	Lift height	h13+h3(mm)	200	200
4.3	Max. Fork lift height	h3(mm)	115	115
4.4	Fork face min.ground clearance	h13(mm)	85	85
4.5	Pedal height	h4(mm)	155	155
4.6	Handle height	h5(mm)	1080~1340	1080~1340
4.7	Overall length, pedal off/on	l1(mm)	1900/2310	1900/2310
4.8	Overall width	b1(mm)	730	730
4.9	Fork outside width	b2(mm)	680/540	680/540
4.10	Fork size	l/e/s(mm)	1150/170/56	1150/170/56
4.11	Body ground clearance	m2(mm)	35	35
4.12	Aisle width for pallet 1000*1200mm, pedal on/off C=500mm	Ast(mm)	2500/2050	2500/2050
4.13	Aisle width for pallet 800*1200mm, pedal on/off C=600mm	Ast(mm)	2550/2100	2550/2100
4.14	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



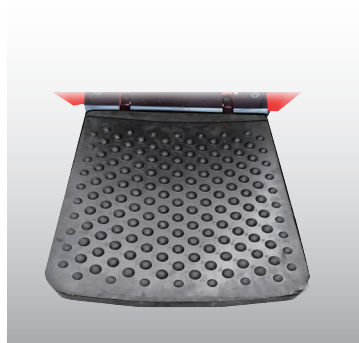
ME30/40

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.



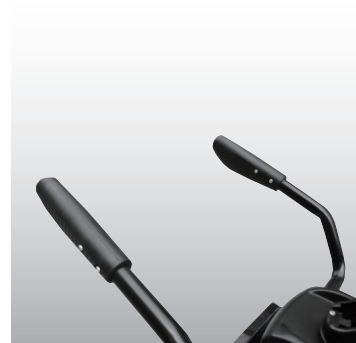
PRODUCT FEATURES



- Adopt ergonomic damping pedal



- Emergency reverse driving function to protect driver safety

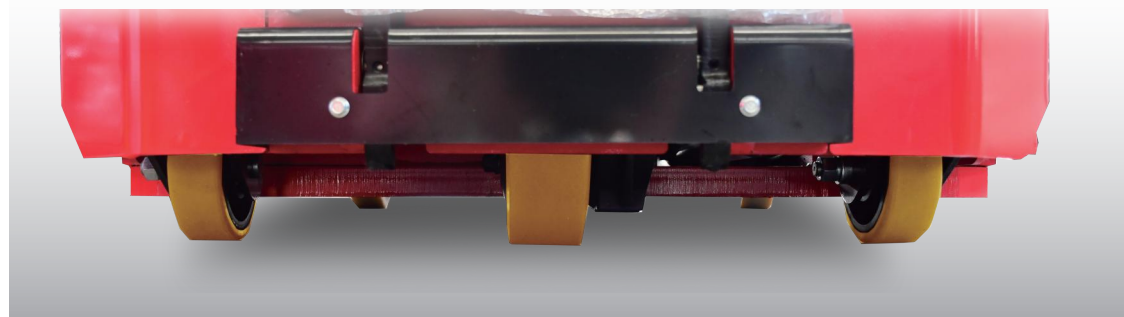


- Standard equipped with armrest, when put down armrest, max. driving speed is 3.0km/h; when close up armrest, max. driving speed is 6.0km/h



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

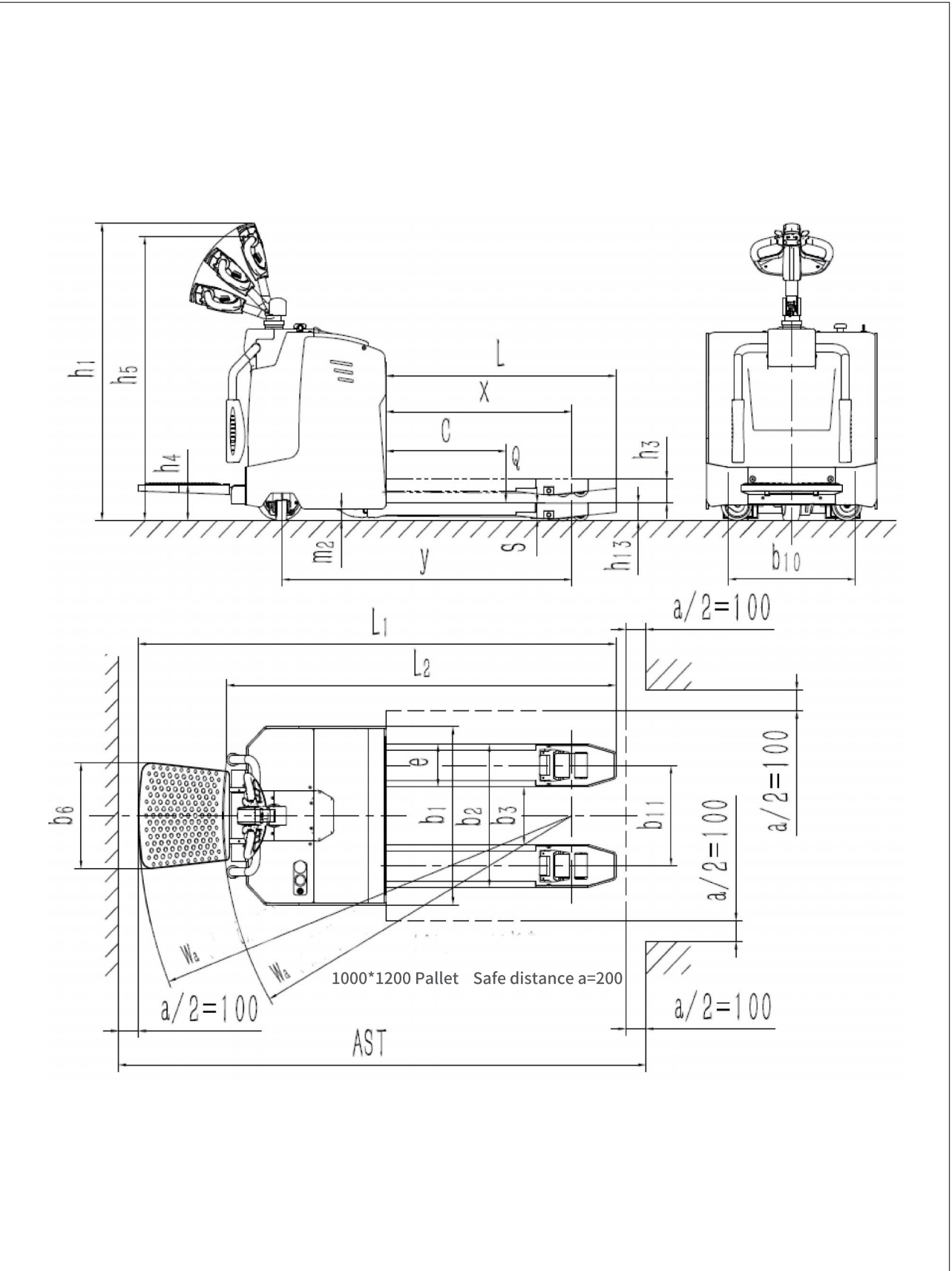
- Unique stand-on floating suspension system design, drive wheels always contact with ground, ensure that drive wheels won't slip and stability of whole truck.



- 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 load 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	810	950
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	h13+h3(mm)	195	200
4.3	Max. Fork lift height	h3(mm)	110	115
4.4	Fork face min.ground clearance	h3(mm)	85	85
4.5	Pedal height	h4(mm)	180	180
4.6	Handle height	h5(mm)	1090~1360	1090~1360
4.7	Overall length, pedal off/on	l 1(mm)	1945/2390	1945/2390
4.8	Overall width	b1(mm)	850	850
4.9	Fork outside width	b2(mm)	685	685
4.10	Fork size	l/e/s(mm)	1150/175/75	1150/205/75
4.11	Body ground clearance	m2 (mm)	55	55
4.12	Aisle width for pallet 1000*1200mm, pedal on/off C=500mm	Ast(mm)	2150/2590	2150/2590
4.13	Aisle width for pallet 800*1200mm, pedal on/off C=600mm	Ast(mm)	2200/2640	2200/2640
4.14	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

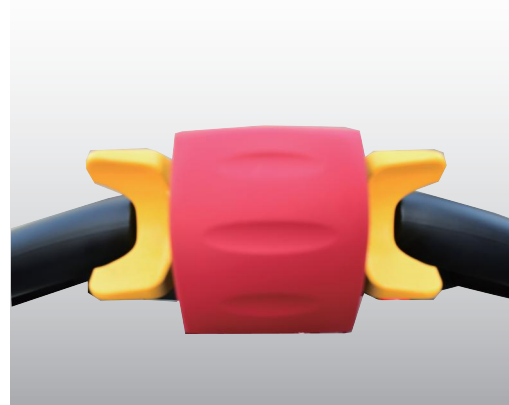
MEW20 series is a horizontal transportation pallet truck, with loading capacity 2000kg. Suitable for handling light and medium goods at short distance, to be used in logistics, warehouse foods, etc and shopping mall, supermarket, work-shop, etc.



PRODUCT FEATURES



- Ergonomic operation handle design, easy to operation



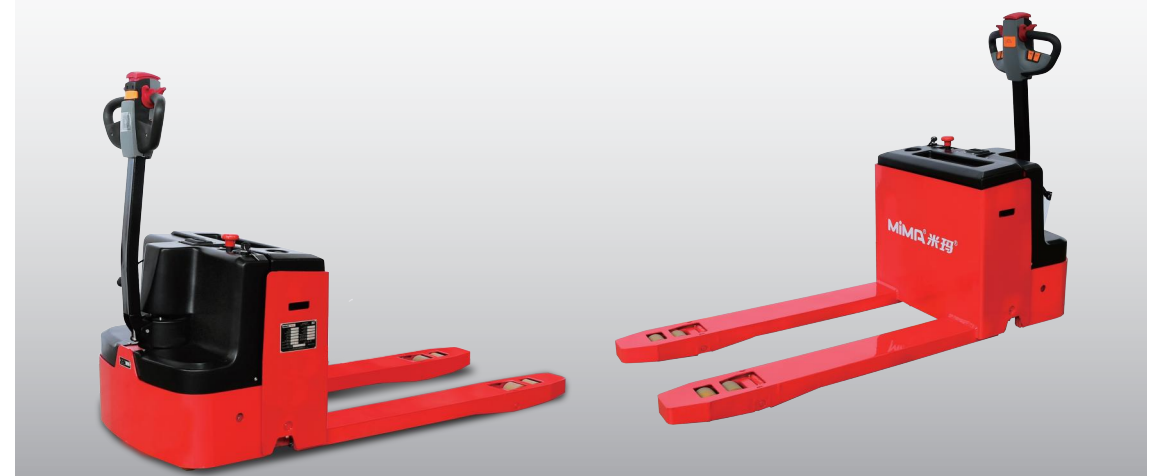
- DC permanent magnetic drive motor, strong power and high performance
- AMP waterproof and dustproof plug-in components, protecting circuit and reducing electrical fault



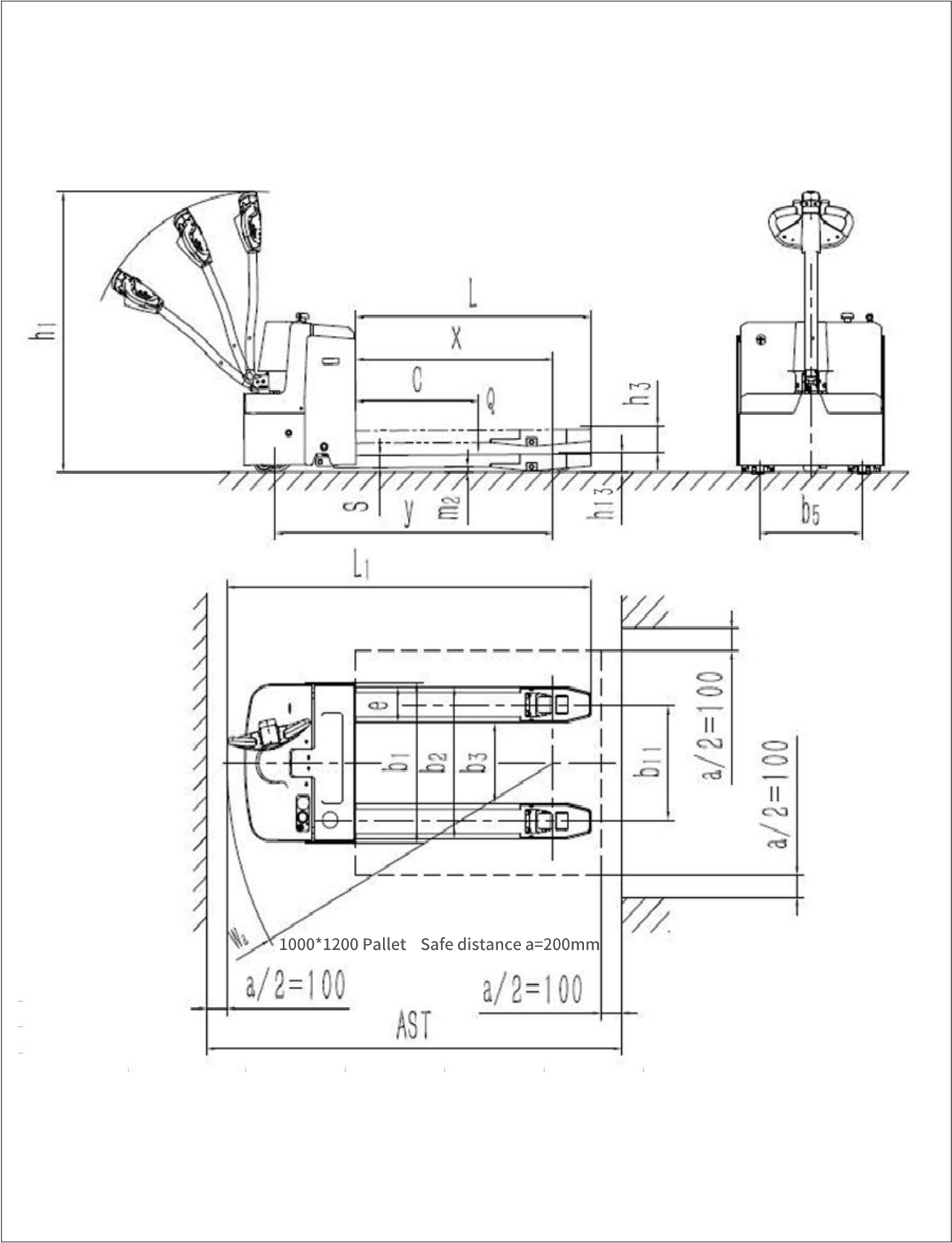
- Maintenance free battery, easy to use, built-in charger, more convenient to charge;



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



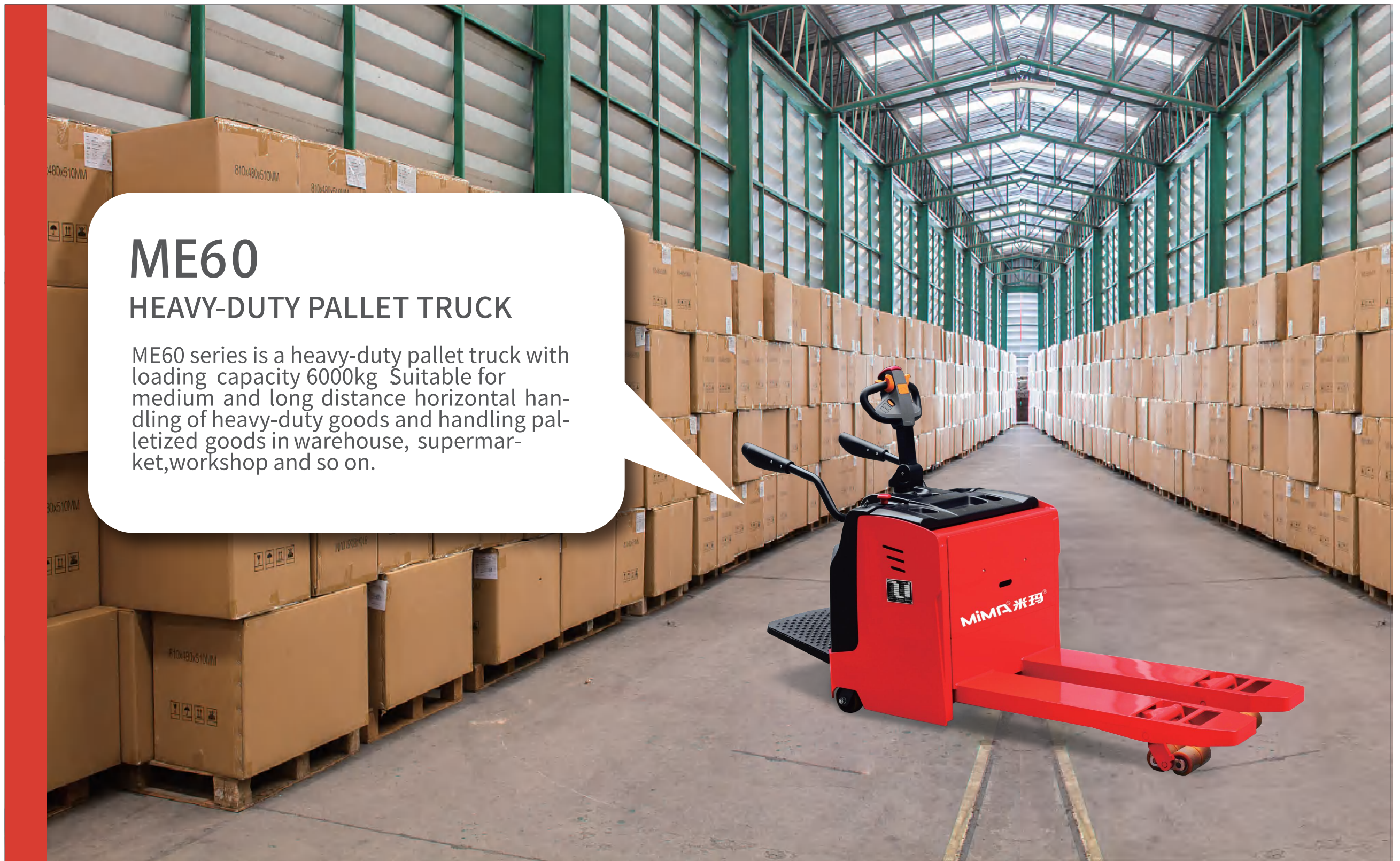
Standard			
1.1	Brand		MiMA
1.2	Model		MEW20
1.5	Power type		Battery
1.6	Operation type		Walkie
1.7	Rated load capacity	Q(kg)	2000
1.8	Load center	C(mm)	600
1.9	Front overhang	x(mm)	969
1.10	Wheelbase	y(mm)	1291
Weight			
2.1	Service weight(incl. battery)	(kg)	370
2.2	Axle capacity with full load, drive side/load side	(kg)	850/1550
2.3	Axle capacity with no load, drive side/load side	(kg)	290/80
Wheel			
3.1	Wheel type		PU
3.2	Load wheel	(mm)	φ78×70
3.3	Drive wheel	(mm)	φ210×70
3.4	Auxiliary wheel	(mm)	φ100×40
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	h13+h3(mm)	195
4.2	Max. Fork lift height	h3(mm)	110
4.3	Handle height when operation	h1(mm)	760/1244
4.4	Fork face min. ground clearance	h3(mm)	85
4.5	Overall length	L1(mm)	1700
4.6	Overall width	b1(mm)	730
4.7	Fork size	l/e/s(mm)	1150/160/45
4.8	Fork outside width	b1(mm)	680
4.9	Fork ground clearance	m2(mm)	40
4.10	Aisle width for pallet 1000*1200mm (C=500)	Ast(mm)	1990
4.11	Aisle width for pallet 1000*1200mm (C=600)	Ast(mm)	2040
4.12	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)	%(tanθ)	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



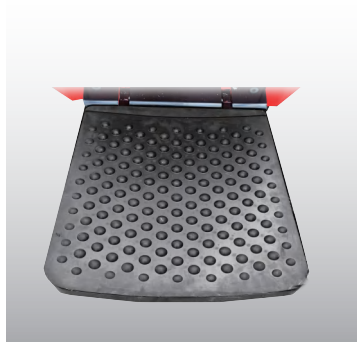
ME60

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.



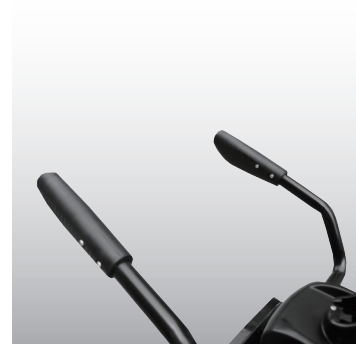
PRODUCT FEATURES



- 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 makes sure that pallet truck won't slip when parking;
- Turning speed limited function (curve control and turning angle are curve relationship)

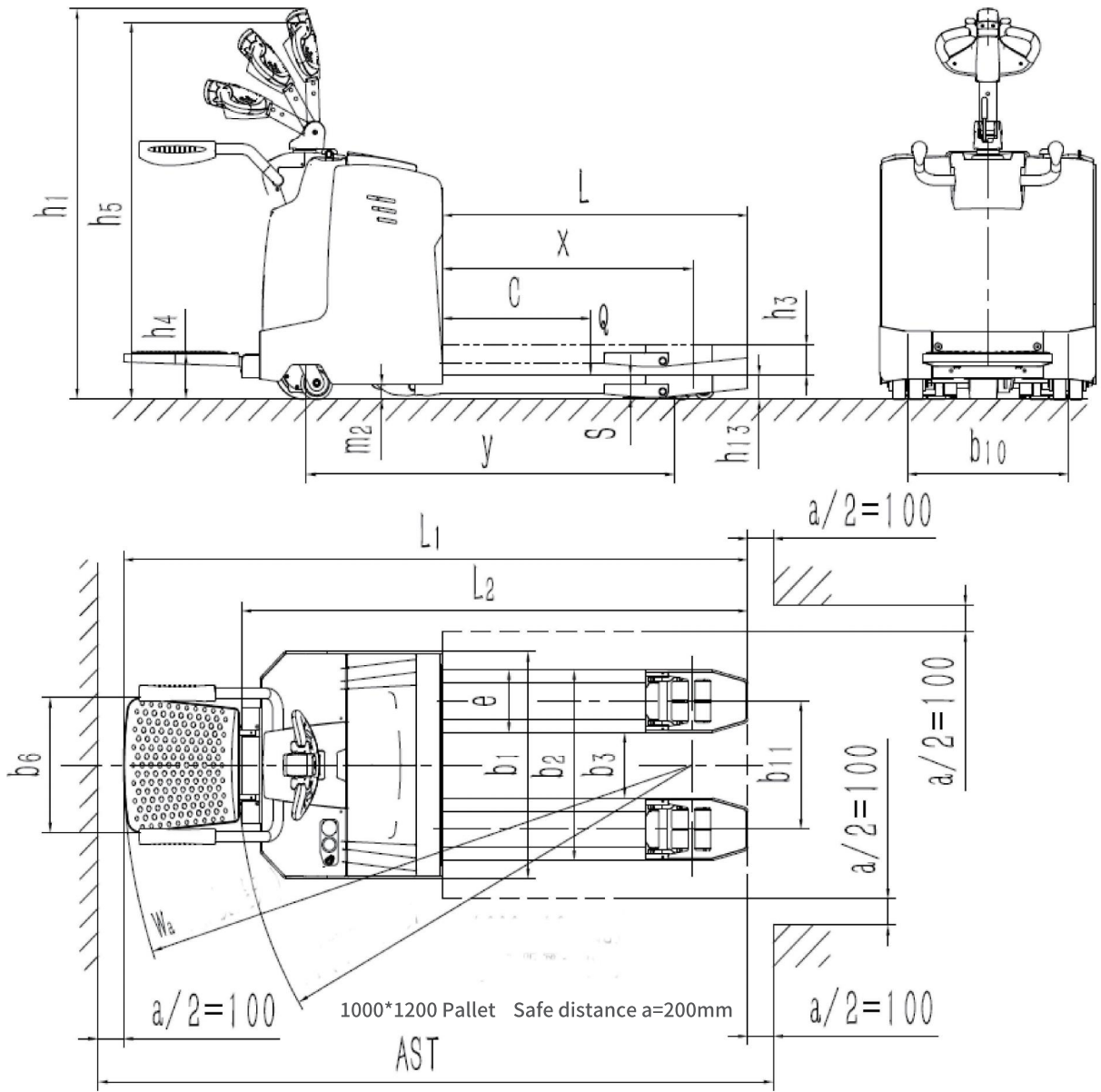


- Unique stand-on floating suspension system design, drive wheels always contact with ground, ensure that drive wheels won't slip and stability of whole truck

- 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 load 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	1480
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	Φ90×80
3.3	Drive wheel	mm	Φ254×100
3.4	Auxiliary wheel	mm	Φ125×50
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	h13+h3(mm)	205
4.3	Max. Fork lift height	h3(mm)	110
4.4	Fork face min. ground clearance	h3(mm)	95
4.5	Pedal height	h4(mm)	180
4.6	Handle height	h5(mm)	1090~1360
4.7	Overall length, pedal off/on	l 1(mm)	1945/2390
4.8	Overall width	b 1(mm)	850
4.9	Fork outside width	b 2(mm)	715
4.10	Fork size	l/e/s(mm)	1200/255/87
4.11	Body ground clearance	m2(mm)	55
4.12	Aisle width for pallet 1000*1200mm, pedal on/off C=500mm	Ast(mm)	2250/2690
4.13	Aisle width for pallet 800*1200mm, pedal on/off C=600mm	Ast(mm)	2300/2740
4.14	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)	%(tanθ)	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	24/230



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.

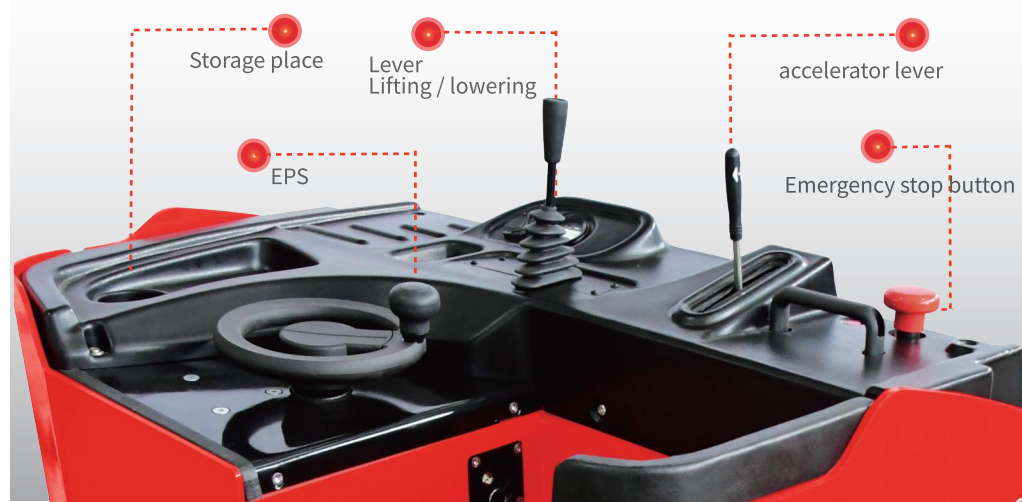


PRODUCT FEATURES



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

- 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 provides strong power; 350/420Ah bigger-capacity battery supports 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 Operating.

- Electromagnetic brake makes 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 load 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	Φ85×145
3.3	Drive wheel	mm	Φ280×135
3.4	Auxiliary wheel	mm	Φ125×50
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	h13+h3(mm)	200
4.3	Max. Fork lift height	h3(mm)	100
4.4	Stand board height	h7(mm)	300
4.5	Overall length	l1(mm)	2030
4.6	Overall width	b1(mm)	1000
4.7	Fork size	l/e/s(mm)	1200/235/86
4.8	Fork face min. ground clearance	h13(mm)	100
4.9	Fork outside width	b5(mm)	715
4.10	Body ground clearance	m2(mm)	60
4.11	Aisle width for pallet 1000*1200mm c=500mm	Ast(mm)	2245
4.12	Aisle width for pallet 800*1200mm c=600mm	Ast(mm)	2330
4.13	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)	%(tanθ)	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

