MiMA®
Min Space, Max Performance

**BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.**
Add: Crossing of Dai he Road and Cailun Road,Hefei,China
Tel: +86 551 6219 3112
Email: sales@mimachina.com
Website: www.mimaforklift.com

Website

MiMA®
Min Space, Max Performance

Since 1994

# ELECRIC COUNTERBALANCE FORKLIFT TRUCK

## MK15/20/25/30 MK35/40/45/50

# 6000mm
## Max. lifting height

MK series is a type of front-drive 4 wheels counterbalanced forklift with capacities of 1500 to 5000kg, horizontally-mounted design. It adopts a large-speed ratio drive axle box assembly, higher work efficiency. The optimized vehicle body structure is welded with high-quality steel plates, with a large arc streamlined appearance, advanced baking paint technology, mature and reliable accessories, which improve the cost-effectiveness of the whole vehicle and meet the needs of customers in various working conditions.

## Environmental protection/Low noise/Cost saving

| MiMA Electric forklift(2000kg) | Diesel forklift (2000kg) |
|---|---|
| Charging 1 hour consumes about 3.5 KW·h, fully charged consumes about 32 KW·h | In general, the fuel consumption is 5L per hour |
| The cost of one hour's work is about 0.8 US dollars | The cost of one hour's work is about 5.0 US dollars |
| The full charged battery can work about 8 hours. The cost is about 6.4 US dollars | The cost of working 8 hours is about 40 US dollars |
| The working time is about 1000 hours for one year and the cost is about 800 US dollars. | If the diesel forklift working 1000 hours for one year, the cost is about 5000 USdollars. |

Saving 4200 US dollars per year

## AC Drive

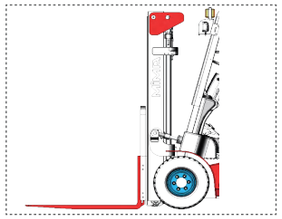
Equipped with AC drive motor, reasonable use of the regenerative braking function of AC drive motor to improve safety. At the same time, it can be reverse charged and maintenance-free

Adapt to various attachments which can meet the needs of various industries

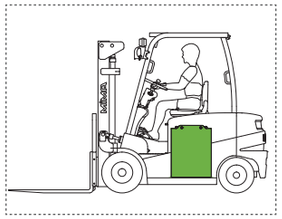
# Li-ION (OPTION)

- Energy consumption >30% lower
- 5 years warranty, battery life up to 10 years
- Sealed design, maintenance free
- Fast charging, 2 hours can be fully charged, no backup battery required
- The LiFePO4 batteries are the safest type of Lithium batteries

## PERFORMANCE



With small front overhang design and light weight, work stability is improved and work time becomes longer with lower energy consumption.



The driving motor is arranged horizontally, and the battery is sunk at the bottom of the vehicle to improve the driving stability.

Adopt large speed ratio drive axle box assembly to improve work efficiency, climbing ability, reduce energy consumption and noise.

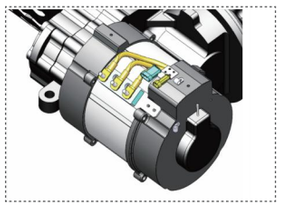
## PERFORMANCE

New large screen LED instrument, good visibility, intuitive reading, friendly human-computer interface.

Ergonomic anti-fatigue seat which can be adjusted at multiple angles according to the driver's needs.

The operator can adjust the steering wheel according to his position

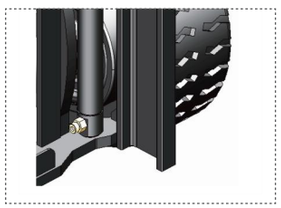
## SAFETY



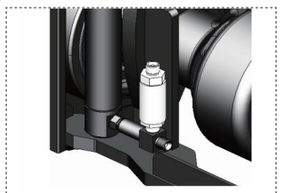
AC drive and regenerative braking

Hand brake

Foot hydraulic pedal brake



Quick cut-off valve

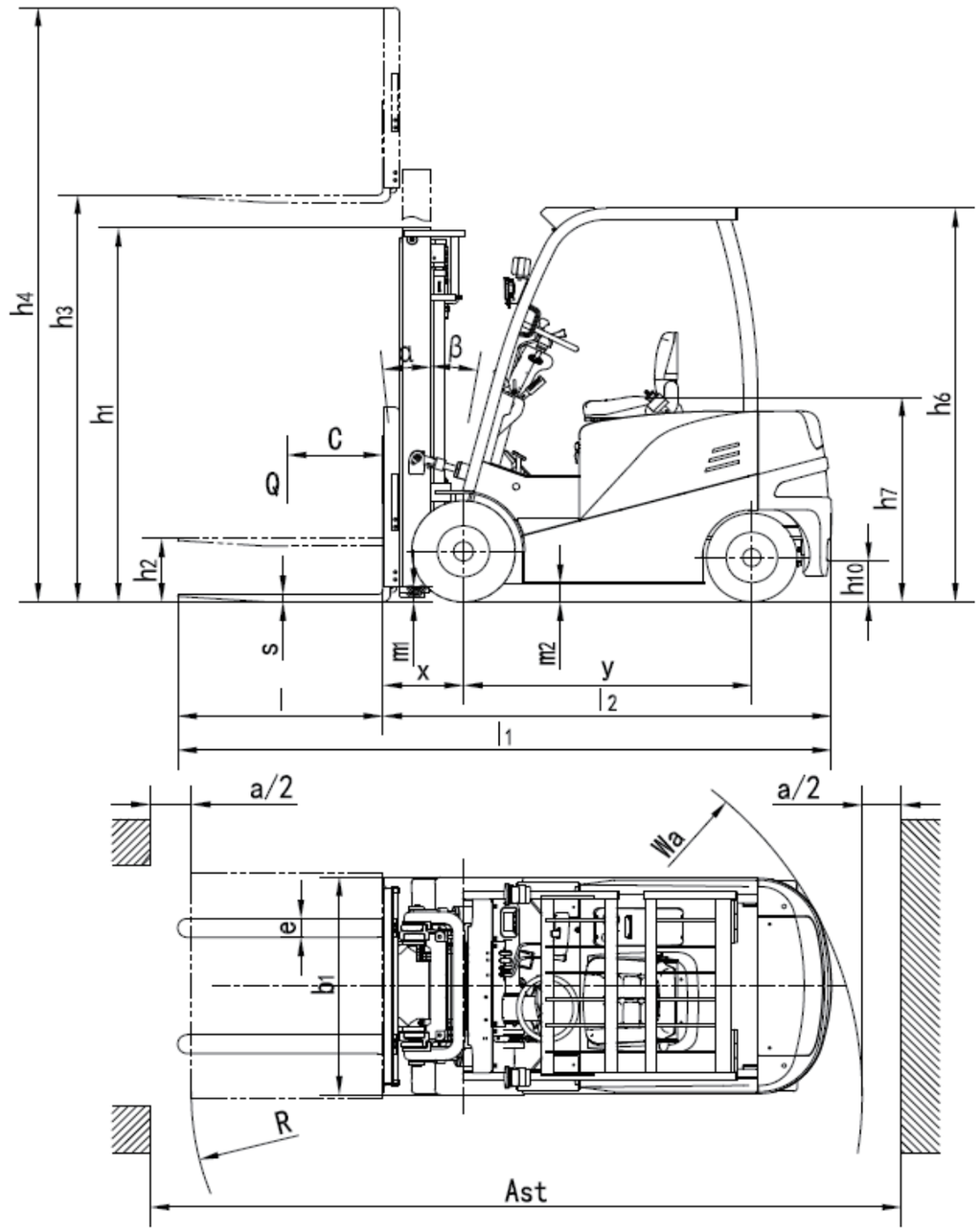


Lowering speed limit valve

Tilt lock valve
Overload relief valve

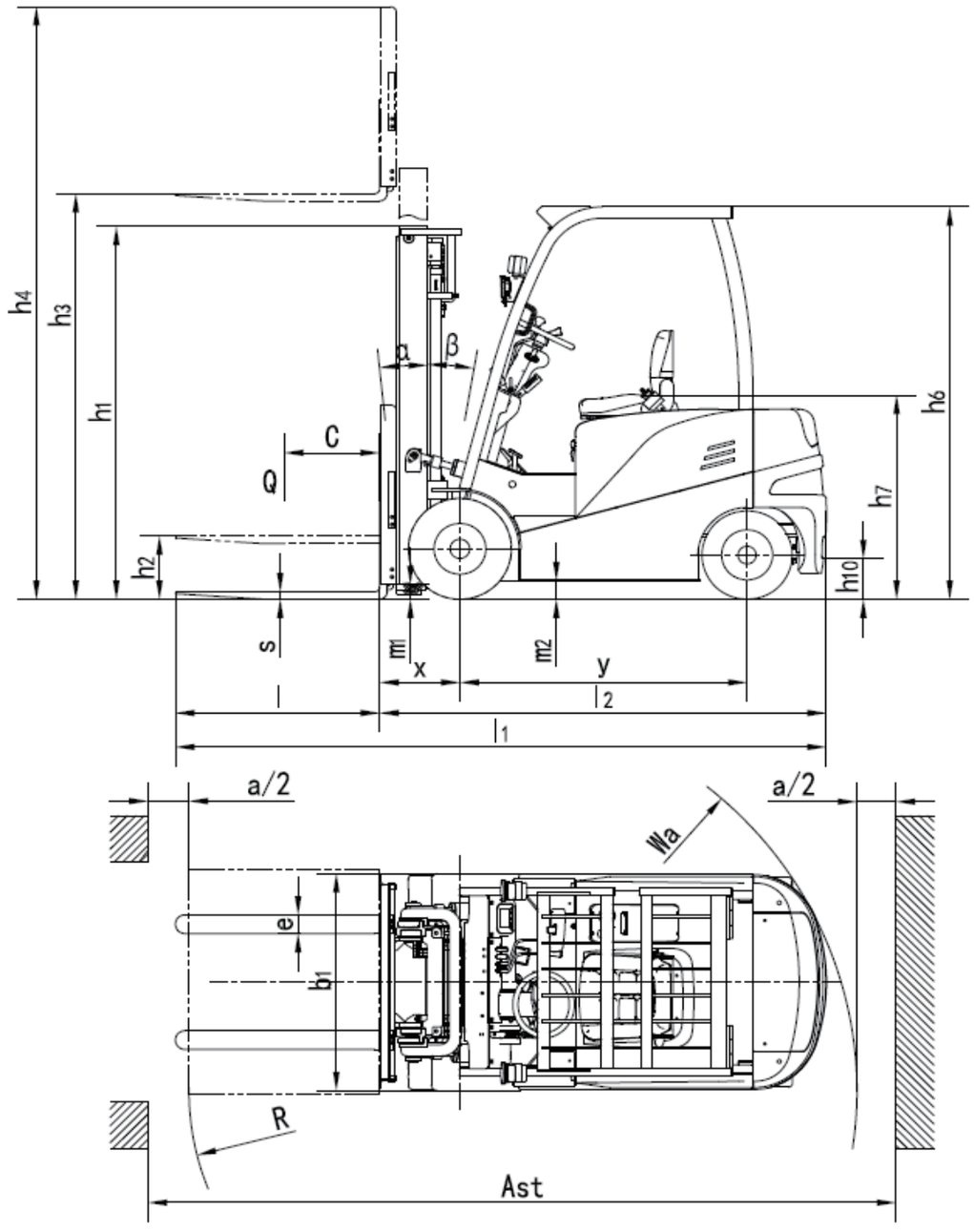
| | | | | | | |
|---|---|---|---|---|---|---|
| **Standard** | | | | | | |
| 1.1 | Brand | | MiMA | MiMA | MiMA | MiMA |
| 1.2 | Model | | MK15 | MK20 | MK25 | MK25 |
| 1.3 | Power type | | Battery | Battery | Battery | Battery |
| 1.4 | Operation type | | Seated | Seated | Seated | Seated |
| 1.5 | Rated capacity | Q(kg) | 1500 | 2000 | 2500 | 2500 |
| 1.6 | Load center | C(mm) | 500 | 500 | 500 | 500 |
| 1.7 | Front overhang | x(mm) | 380 | 420 | 425 | 425 |
| 1.8 | Wheelbase | y(mm) | 1380 | 1505 | 1505 | 1700 |
| **Weight** | | | | | | |
| 2.1 | Service weight(incl. battery) | kg | 2900 | 3380 | 3820 | 3600 |
| **Wheel** | | | | | | |
| 3.1 | Wheel type | | Pneumatic tyre | Pneumatic tyre | Pneumatic tyre | Pneumatic tyre |
| 3.2 | Load wheel | mm | 130-205 | 460×180-205 | 460×180-205 | 460×180-205 |
| 3.3 | Drive wheel | mm | 160-230 | 540×205-230 | 540×205-230 | 540×205-230 |
| 3.4 | Number of wheels, front/rear(x=drive wheel) | | 2x/2 | 2x/2 | 2x/2 | 2x/2 |
| 3.5 | Wheel tread, drive side | b10(mm) | 910 | 950 | 950 | 950 |
| 3.6 | Wheel tread, load side | b11(mm) | 930 | 960 | 960 | 960 |
| **Size** | | | | | | |
| 4.1 | Mast tilting | α / β (°) | 6/10 | 6/10 | 6/10 | 6/10 |
| 4.2 | Mast closed height | h1(mm) | 1995 | 1995 | 1995 | 1995 |
| 4.3 | Free lift height | h2(mm) | 135 | 140 | 145 | 145 |
| 4.4 | Lift height | h3(mm) | 3000 | 3000 | 3000 | 3000 |
| 4.5 | Mast extended height with load-backrest | h4(mm) | 4030 | 4030 | 4030 | 4030 |
| 4.6 | Overhead guard height | h6(mm) | 2100 | 2100 | 2100 | 2130 |
| 4.7 | Seat height | h7(mm) | 1090 | 1090 | 1090 | 1120 |
| 4.8 | Overall length | L1(mm) | 3205 | 3410 | 3415 | 3615 |
| 4.9 | Length to fork face | L2(mm) | 2135 | 2340 | 2345 | 2545 |
| 4.10 | Overall width | b1(mm) | 1110 | 1160 | 1160 | 1200 |
| 4.11 | Fork size | l/e/s(mm) | 1070/100/35 | 1070/122/40 | 1070/122/40 | 1070/122/40 |
| 4.12 | Installation level | | 2A | 2A | 2A | 2A |
| 4.13 | Fork carriage width | b3(mm) | 1040 | 1040 | 1040 | 1040 |
| 4.14 | Fork outside width | b5(mm) | 222～1000 | 222～1000 | 222～1000 | 222～1000 |
| 4.15 | Mast ground clearance | m1(mm) | 85 | 85 | 85 | 85 |
| 4.16 | Body ground clearance | m2(mm) | 100 | 100 | 100 | 100 |
| 4.17 | Aisle width for pallet 1000*1200mm | Ast(mm) | 3580 | 3720 | 3720 | 3920 |
| 4.18 | Turning radius | Wa(mm) | 2000 | 2100 | 2100 | 2300 |
| **Function** | | | | | | |
| 5.1 | Driving speed(load/unload) | km/h | 10/12 | 10/12 | 10/12 | 10/12 |
| 5.2 | Lifting speed(load/unload) | km/h | 300/480 | 230/400 | 230/400 | 230/400 |
| 5.3 | Lowering speed(load/unload) | y(mm) | 380/360 | 420/480 | 390/480 | 390/480 |
| 5.4 | Max. gradeability(load/unload)(S2-5min) | %(tanθ) | 14/15 | 14/15 | 14/15 | 14/15 |
| 5.5 | Brake type | | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| **Drive** | | | | | | |
| 6.1 | Driving motor(S2-5min) | kw | AC6.8 | AC6.8 | AC6.8 | AC6.8 |
| 6.2 | Lifting motor(S3-15%) | kw | DC8.2 | DC8.6 | DC8.6 | DC8.6 |
| 6.3 | Battery voltage/capacity | V/Ah | 48/400 | 48/490 | 48/560 | 48/560 |
| 6.4 | Battery weight | kg | 645 | 750 | 870 | 885 |
| 6.5 | Steering system | | Hydraulic | Hydraulic | Hydraulic | Hydraulic |
| **Other** | | | | | | |
| 7.1 | Lithium battery voltage/capacity | V/Ah | 48/300 | 48/300 | 48/300 | 48/300 |
| 7.2 | AC lifting motor(S3-15%) | kw | AC10 | AC10 | AC12 | AC12 |

The standard model data will vary according to the configuration.



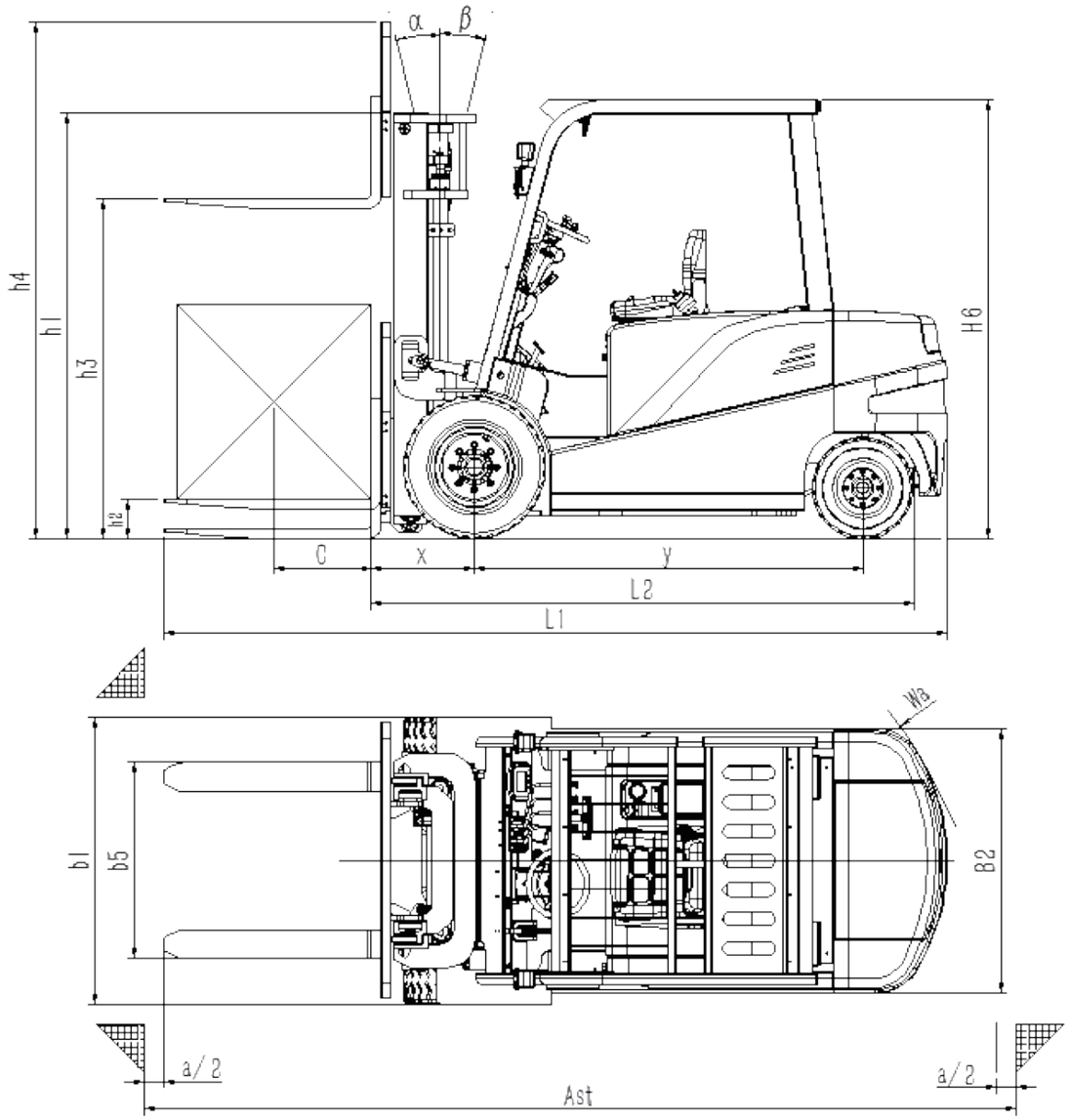
| | | | | | |
|---|---|---|---|---|---|
| **Standard** | | | | | |
| 1.1 | Brand | | MiMA | MiMA | MiMA |
| 1.2 | Model | | MK30 | MK35 | MK40 |
| 1.3 | Power type | | Battery | Battery | Battery |
| 1.4 | Operation type | | Seated | Seated | Seated |
| 1.5 | Rated capacity | Q(kg) | 3000 | 3500 | 4000 |
| 1.6 | Load center | C(mm) | 500 | 500 | 500 |
| 1.7 | Front overhang | x(mm) | 433 | 484 | 484 |
| 1.8 | Wheelbase | y(mm) | 1700 | 1800 | 1800 |
| **Weight** | | | | | |
| 2.1 | Service weight(incl. battery) | kg | 4460 | 4870 | 5300 |
| **Wheel** | | | | | |
| 3.1 | Wheel type | | Pneumatic tyre | Solid tyre | Solid tyre |
| 3.2 | Load wheel | mm | 460×180-205 | 460×180-205 | 460×180-205 |
| 3.3 | Drive wheel | mm | 590×230-260 | 590×260-305 | 590×260-305 |
| 3.4 | Number of wheels, front/rear(x=drive wheel) | | 2x/2 | 2x/2 | 2x/2 |
| 3.5 | Wheel tread, drive side | b10(mm) | 970 | 1080 | 1080 |
| 3.6 | Wheel tread, load side | b11(mm) | 960 | 990 | 990 |
| **Size** | | | | | |
| 4.1 | Mast tilting | α /β (°) | 6/10 | 6/10 | 6/10 |
| 4.2 | Mast closed height | h1(mm) | 2110 | 2110 | 2110 |
| 4.3 | Free lift height | h2(mm) | 145 | 150 | 150 |
| 4.4 | Lift height | h3(mm) | 3000 | 3000 | 3000 |
| 4.5 | Mast extended height with load-backrest | h4(mm) | 4256 | 4256 | 4256 |
| 4.6 | Overhead guard height | h6(mm) | 2130 | 2130 | 2130 |
| 4.7 | Seat height | h7(mm) | 1120 | 1120 | 1120 |
| 4.8 | Overall length | L1(mm) | 3620 | 3770 | 3770 |
| 4.9 | Length to fork face | L2(mm) | 2550 | 2700 | 2700 |
| 4.10 | Overall width | b1(mm) | 1200 | 1330 | 1330 |
| 4.11 | Fork size | l/e/s(mm) | 1070/125/45 | 1070/125/50 | 1070/125/50 |
| 4.12 | Installation level | | 3A | 3A | 3A |
| 4.13 | Fork carriage width | b3(mm) | 1100 | 1100 | 1100 |
| 4.14 | Fork outside width | b5(mm) | 250～1050 | 250～1050 | 250～1050 |
| 4.15 | Mast ground clearance | m1(mm) | 90 | 90 | 90 |
| 4.16 | Body ground clearance | m2(mm) | 100 | 100 | 100 |
| 4.17 | Aisle width for pallet 1000*1200mm | Ast(mm) | 3920 | 4190 | 4190 |
| 4.18 | Turning radius | Wa(mm) | 2300 | 2450 | 2450 |
| **Function** | | | | | |
| 5.1 | Driving speed(load/unload) | km/h | 10/12 | 10/12 | 10/12 |
| 5.2 | Lifting speed(load/unload) | mm/s | 200/340 | 200/300 | 200/300 |
| 5.3 | Lowering speed(load/unload) | mm/s | 300/460 | 300/460 | 300/460 |
| 5.4 | Max. gradeability(load/unload)(S2-5min) | %(tanθ ) | 14/15 | 14/15 | 14/15 |
| 5.5 | Brake type | | Hydraulic | Hydraulic | Hydraulic |
| **Drive** | | | | | |
| 6.1 | Driving motor(S2-60min) | kw | AC11.75 | AC14 | AC14 |
| 6.2 | Lifting motor(S3-15%) | kw | DC10 | DC10 | DC10 |
| 6.3 | Battery voltage/capacity | V/Ah | 80/400 | 80/400 | 80/450 |
| 6.4 | Battery weight | kg | 1070 | 10 0 | 1195 |
| 6.5 | Steering system | | Hydraulic | Hydraulic | Hydraulic |
| **Other** | | | | | |
| 7.1 | Lithium battery voltage/capacity | V/Ah | 80/300 | 80/300 | 80/460 |
| 7.2 | AC lifting motor(S3-15%) | kw | AC13.5 | AC13.5 | AC13.5 |

The standard model data will vary according to the configuration.



| | | | |
|---|---|---|---|
| **Standard** | | | |
| 1.1 | Brand | | MiMA |
| 1.2 | Model | | MK 50 |
| 1.3 | Power type | | Battery |
| 1.4 | Operation type | | Seated |
| 1.5 | Rated capacity | Q(kg) | 4999 |
| 1.6 | Load center | C(mm ) | 500 |
| 1.7 | Front overhang | x(mm ) | 530 |
| 1.8 | Wheelbase | y(mm ) | 2000 |
| **Weight** | | | |
| 2.1 | Service weight(incl. battery) | kg | 7100 |
| **Wheel** | | | |
| 3.1 | Wheel type | | Solid tyre |
| 3.2 | Load wheel | mm | 540×205-230 |
| 3.3 | Drive wheel | mm | 250-381 |
| 3.4 | Number of wheels, front/rear(x=drive wheel) | | 2x/2 |
| 3.5 | Wheel tread, drive side | b10(mm ) | 1225 |
| 3.6 | Wheel tread, load side | b11(mm ) | 1025 |
| **Size** | | | |
| 4.1 | Mast tilting | α /β (°) | 6/11 |
| 4.2 | Mast closed height | h1(mm ) | 2180 |
| 4.3 | Free lift height | h2(mm ) | 150 |
| 4.4 | Lift height | h3(mm ) | 3000 |
| 4.5 | Mast extended height with load-backrest | h4(mm ) | 4040 |
| 4.6 | Overhead guard height | h6(mm ) | 2250 |
| 4.7 | Seat height | h7(mm ) | 1230 |
| 4.8 | Overall length | L1(mm ) | 4060 |
| 4.9 | Length to fork face | L2(mm ) | 2990 |
| 4.10 | Overall width | b1/b2(mm ) | 1470 /1350 |
| 4.11 | Fork size | l/e/s(mm ) | 1070 /150 /50 |
| 4.12 | Installation level | | 3A |
| 4.13 | Fork carriage width | b3(mm ) | 1380 |
| 4.14 | Fork outside width | b5(mm ) | 320～1320 |
| 4.15 | Mast ground clearance | m1(mm ) | 120 |
| 4.16 | Body ground clearance | m2(mm ) | 120 |
| 4.17 | Aisle width for pallet 1000*1200mm | Ast (mm ) | 4490 |
| 4.18 | Aisle width for pallet 800*1200mm | Ast (mm ) | 4690 |
| 4.19 | Turning radius | Wa (mm ) | 2690 |
| **Function** | | | |
| 5.1 | Driving speed(load/unload) | km /h | 12/13 |
| 5.2 | Lifting speed(load/unload) | mm /s | 200 /220 |
| 5.3 | Lowering speed(load/unload) | mm /s | 270 /290 |
| 5.4 | Traction capacity(load/unload)(S2-5min) | N | 15680 |
| 5.5 | Max. gradeability(load/unload)(S2-5min) | %( tan θ ) | 15/15 |
| 5.6 | Brake type | | Hydraulic |
| **Drive** | | | |
| 6.1 | Driving motor(S2-60min) | kw | AC 16.6 |
| 6.2 | Lifting motor(S3-15%) | kw | AC 15 |
| 6.3 | Battery voltage/capacity | V/Ah | 80/630 |
| 6.4 | Battery weight | kg | 1690 |
| 6.5 | Steering system | | Hydraulic |
| **Other** | | | |
| 7.1 | Lithium battery voltage/capacity | V/Ah | 80/600 |

The standard model data will vary according to the configuration.



## Duplex mast

| Model | MK | 15-25 | 15-27 | 15-30 | 15-33 | 15-35 | 15-37 | 15-40 | 15-45 |
|---|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3530 | 3730 | 4030 | 4330 | 4530 | 4730 | 5030 | 5530 |
| Mast closed height | h1(mm) | 1745 | 1845 | 1995 | 2145 | 2245 | 2345 | 2545 | 2795 |
| Free lift height | h2(mm) | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 135 |

## Duplex full free mast

| Model | MK | 15-25 | 15-27 | 15-30 | 15-33 | 15-35 | 15-37 | 15-40 | 15-45 |
|---|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3540 | 3740 | 4040 | 4340 | 4540 | 4740 | 5040 | 5540 |
| Mast closed height | h1(mm) | 1745 | 1845 | 1995 | 2145 | 2245 | 2345 | 2545 | 2795 |
| Free lift height | h2(mm) | 702 | 802 | 952 | 1102 | 1202 | 1302 | 1502 | 1752 |

## Triplex full free mast

| Model | MK | 15-36 | 15-40 | 15-45 | 15-48 | 15-50 | 15-55 | 15-60 |
|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 3600 | 4000 | 4500 | 4800 | 5000 | 5500 | 6000 |
| Mast extended height with load-backrest | h4(mm) | 4630 | 5030 | 5530 | 5830 | 6030 | 6530 | 7030 |
| Mast closed height | h1(mm) | 1795 | 1928 | 2095 | 2195 | 2262 | 2428 | 2595 |
| Free lift height | h2(mm) | 755 | 888 | 1055 | 1155 | 1222 | 1388 | 1555 |

## Duplex mast

| Model | MK | 20-25 | 20-27 | 20-30 | 20-33 | 20-35 | 20-37 | 20-40 | 20-45 |
|---|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3530 | 3730 | 4030 | 4330 | 4530 | 4730 | 5030 | 5530 |
| Mast closed height | h1(mm) | 1745 | 1845 | 1995 | 2145 | 2245 | 2345 | 2545 | 2795 |
| Free lift height | h2(mm) | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 |

## Duplex full free mast

| Model | MK | 20-25 | 20-27 | 20-30 | 20-33 | 20-35 | 20-37 | 20-40 | 20-45 |
|---|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3580 | 3780 | 4080 | 4380 | 4580 | 4780 | 5080 | 5580 |
| Mast closed height | h1(mm) | 1745 | 1845 | 1995 | 2145 | 2245 | 2345 | 2545 | 2795 |
| Free lift height | h2(mm) | 702 | 802 | 952 | 1102 | 1202 | 1302 | 1502 | 1752 |

## Triplex full free mast

| Model | MK | 20-36 | 20-40 | 20-45 | 20-48 | 20-50 | 20-55 | 20-60 |
|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 3600 | 4000 | 4500 | 4800 | 5000 | 5500 | 6000 |
| Mast extended height with load-backrest | h4(mm) | 4635 | 5035 | 5535 | 5835 | 6035 | 6535 | 7035 |
| Mast closed height | h1(mm) | 1795 | 1930 | 2095 | 2195 | 2260 | 2425 | 2595 |
| Free lift height | h2(mm) | 752 | 887 | 1052 | 1152 | 1217 | 1382 | 1552 |

MK20 is the same as MK25.

## Duplex mast

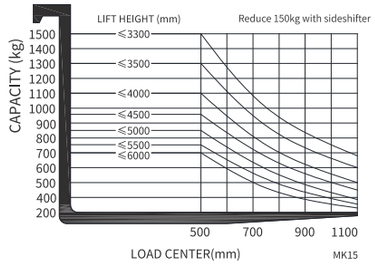
| Model | MK | 30-25 | 30-27 | 30-30 | 30-33 | 30-35 | 30-37 | 30-40 | 30-45 |
|---|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3760 | 3960 | 4260 | 4560 | 4760 | 4960 | 5260 | 5760 |
| Mast closed height | h1(mm) | 1860 | 1960 | 2110 | 2260 | 2360 | 2460 | 2660 | 2910 |
| Free lift height | h2(mm) | 145 | 145 | 145 | 145 | 145 | 145 | 145 | 145 |

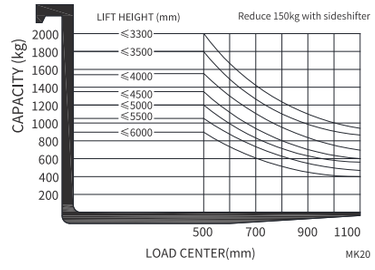
## Duplex full free mast

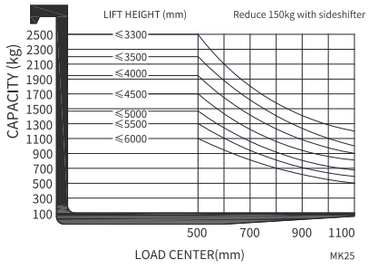
| Model | MK | 30 -25 | 30-27 | 30-30 | 30-33 | 30-35 | 30-37 | 30-40 | 30-45 |
|---|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3770 | 3970 | 4270 | 4570 | 4770 | 4970 | 5270 | 5770 |
| Mast closed height | h1(mm) | 1850 | 1950 | 2100 | 2250 | 2350 | 2450 | 2650 | 2900 |
| Free lift height | h2(mm) | 716 | 816 | 966 | 1116 | 1216 | 1316 | 1516 | 1766 |

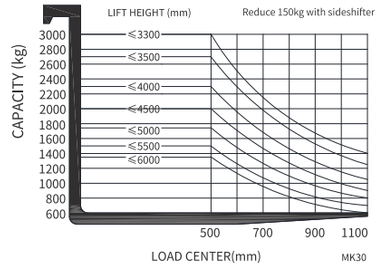
## Triplex full free mast

| Model | MK | 30-36 | 30-40 | 30-45 | 30-48 | 30-50 | 30-55 | 30-60 |
|---|---|---|---|---|---|---|---|---|
| Lift height | h3(mm) | 3600 | 4000 | 4500 | 4800 | 5000 | 5500 | 6000 |
| Mast extended height with load-backrest | h4(mm) | 4730 | 5130 | 5630 | 5930 | 6130 | 6630 | 7130 |
| Mast closed height | h1(mm) | 1850 | 1985 | 2150 | 2250 | 2315 | 2480 | 2650 |
| Free lift height | h2(mm) | 696 | 831 | 996 | 1096 | 1161 | 1326 | 1496 |



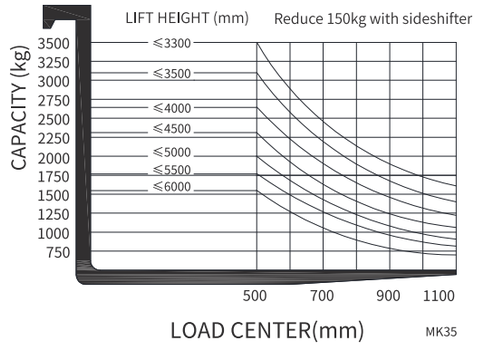



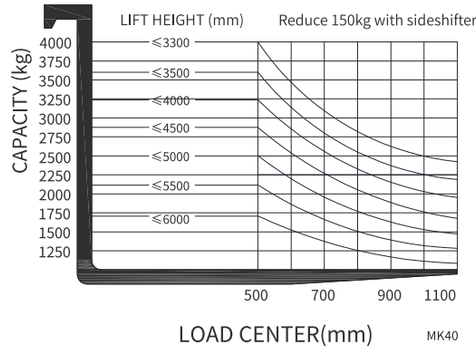



| Duplex mast | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Model | MK | 35-25 | 35-27 | 35-30 | 35-33 | 35-35 | 35-37 | 35-40 | 35-45 |
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3630 | 3830 | 4130 | 4430 | 4630 | 4830 | 5130 | 5630 |
| Mast closed height | h1(mm) | 1850 | 1950 | 2100 | 2250 | 2350 | 2450 | 2650 | 2900 |
| Free lift height | h2(mm) | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |

| Duplex full free mast | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Model | MK | 35-25 | 35-27 | 35-30 | 35-33 | 35-35 | 35-37 | 35-40 | 35-45 |
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3700 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3635 | 3835 | 4135 | 4435 | 4635 | 4835 | 5135 | 5635 |
| Mast closed height | h1(mm) | 1850 | 1950 | 2100 | 2250 | 2350 | 2450 | 2650 | 2900 |
| Free lift height | h2(mm) | 716 | 816 | 966 | 1116 | 1216 | 1316 | 1516 | 1766 |

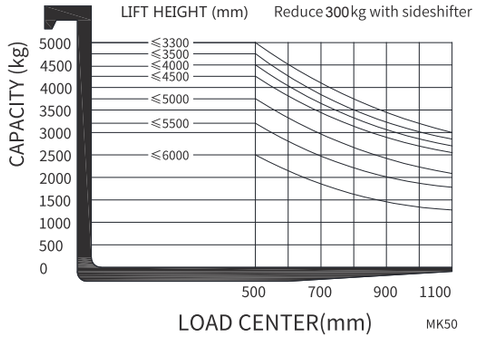
| Triplex full free mast | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Model | MK | 35-36 | 35-40 | 35-45 | 35-48 | 35-50 | 35-55 | 35-60 |
| Lift height | h3(mm) | 3600 | 4000 | 4500 | 4800 | 5000 | 5500 | 6000 |
| Mast extended height with load-backrest | h4(mm) | 4730 | 5130 | 5630 | 5930 | 6130 | 6630 | 7130 |
| Mast closed height | h1(mm) | 1850 | 1983 | 2150 | 2250 | 2317 | 2483 | 2650 |
| Free lift height | h2(mm) | 696 | 829 | 996 | 1096 | 1163 | 1329 | 1496 |




| Duplex mast | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Model | MK | 50-25 | 50-27 | 50-30 | 50-33 | 50-35 | 50-37.5 | 50-40 | 50-45 |
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3750 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3765 | 3965 | 4265 | 4565 | 4765 | 5015 | 5265 | 5765 |
| Mast closed height | h1(mm) | 1930 | 2030 | 2180 | 2330 | 2430 | 2555 | 2730 | 2980 |
| Free lift height | h2(mm) | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |

| Duplex full free mast | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Model | MK | 50-25 | 50-27 | 50-30 | 50-33 | 50-35 | 15-37.5 | 50-40 | 50-45 |
| Lift height | h3(mm) | 2500 | 2700 | 3000 | 3300 | 3500 | 3750 | 4000 | 4500 |
| Mast extended height with load-backrest | h4(mm) | 3775 | 3975 | 4275 | 4575 | 4775 | 5030 | 5275 | 5775 |
| Mast closed height | h1(mm) | 1930 | 2030 | 2180 | 2330 | 2430 | 2555 | 2730 | 2980 |
| Free lift height | h2(mm) | 655 | 755 | 905 | 1055 | 1155 | 1280 | 1455 | 1705 |

| Triplex full free mast | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Model | MK | 50-40 | 50-42 | 50-43.5 | 50-45 | 50-48 | 50-50 | 50-55 | 50-60 |
| Lift height | h3(mm) | 4000 | 4200 | 4350 | 4500 | 4800 | 5000 | 5500 | 6000 |
| Mast extended height with load-backrest | h4(mm) | 5090 | 5515 | 5665 | 5815 | 6115 | 6325 | 6825 | 7315 |
| Mast closed height | h1(mm) | 2095 | 2160 | 2210 | 2260 | 2360 | 2430 | 2645 | 2810 |
| Free lift height | h2(mm) | 820 | 885 | 935 | 985 | 1085 | 1155 | 1370 | 1535 |

MK40 is the same as MK35, MK45 is the same as MK50.