

V202505-EN

**MiMA®**

Min. Space Max. Performance

# Electric Reach Truck

## MFZ16/20(Seated)

**MiMA®**  
Min Space, Max Performance

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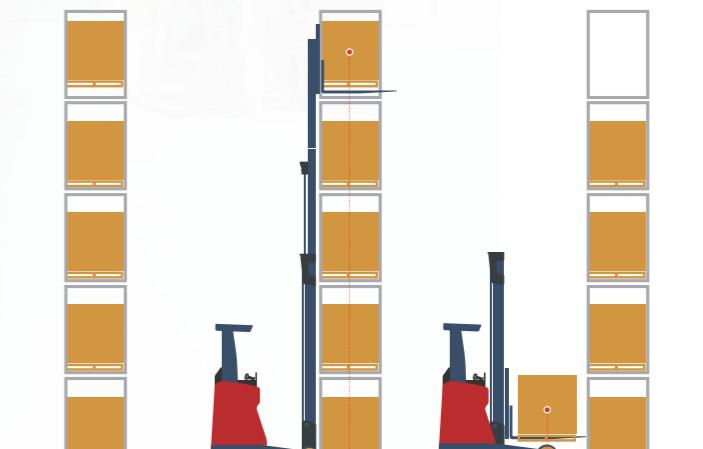


# ELECTRIC REACH TRUCK (SEATED)

## MFZ16 / MFZ20

MiMA has launched a new type of reach truck – MFZ16/20 series model, after careful design and improvement. This model has the traditional advantages of a reach truck such as high load, high lifting, and narrow aisle, and has made great improvements in efficiency and vision. Compared with the existing models on the market, it has achieved obvious advantages, especially driving speed, lifting speed, lowering speed and mast stability. Using this model can improve the efficiency and utilization of your warehouse.

| Model              | MFZ16   | MFZ20   |
|--------------------|---------|---------|
| Load Capacity      | 1600kgs | 2000kgs |
| Max.Lifting Height | 10500mm | 12500mm |
| Driving Type       | Seated  | Seated  |



When loading and unloading goods,  
the mast rises and moves forward,  
and the center of gravity of the goods falls  
outside the body of the vehicle.

When transporting and walking,  
the mast is retracted and lowered,  
and the center of gravity of the cargo falls  
on the body of the vehicle.



## Narrower Aisle, Higher Lift

MiMA's new MFZ model has a 60mm-90mm stacking aisle reduction compared with the old model. Compared with well-known forklift brands at home and abroad, it is in the first echelon in terms of stacking aisle and has a greater competitive advantage. The weight without loss of load and high load are at the highest level compared with well-known domestic manufacturers.



### High Capacity Mast

High-precision mast has no loss of load below 6300mm and excellent performance on-highloads

## Mast Buffer System, More Stable Operation

Productivity goes hand in hand with forklift stability because operational stability enhances the operator's confidence and sense of security, allowing him to operate faster. MiMA's new MFZ seated reach truck has a stable design of the mast buffer system, which greatly reduces the shaking of the mast at high positions. Compared with the same model, it has achieved greater benefits. The high sway of the old model is about 100-150mm, and the new model is about 40mm or less. Shaking time is reduced by 50%-80%.

### Shake Distance Reduced Shake Time Reduced

**60%~70%**      **50%-80%**



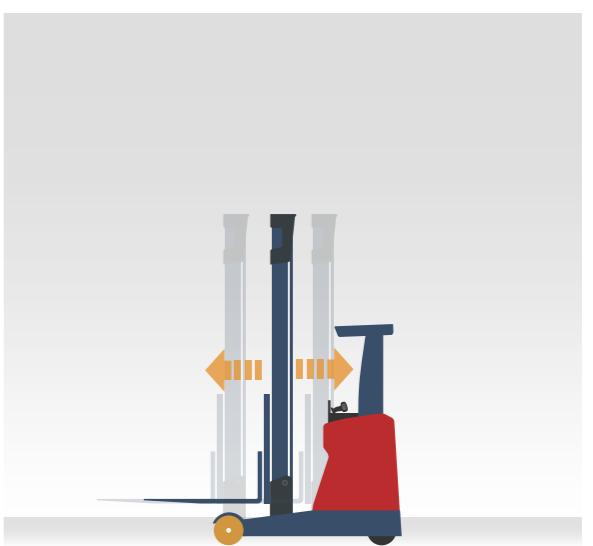
New Type MFZ Model

Old Type MFZ Model

At the same time, this model also has a more stable design. For example, when the middle mast is lifted, the forward and backward movement speed of the mast, the driving speed, and the acceleration and deceleration rate are reduced, and the acceleration and deceleration are softer and more stable; movement deceleration at the ends of moving foward and backward, etc., ensure the smoothness and precision of operation control, and further improve the operator's confidence and work efficiency.



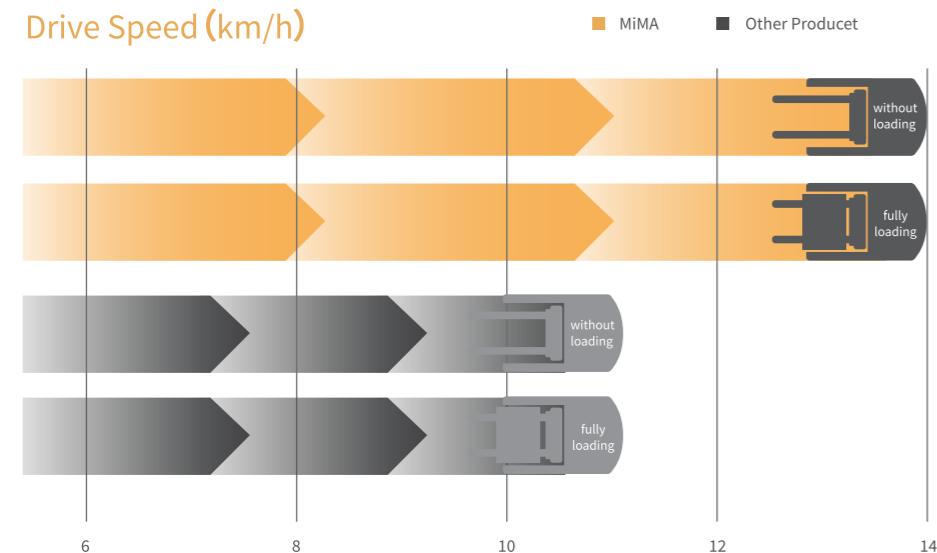
High Lift Deceleration



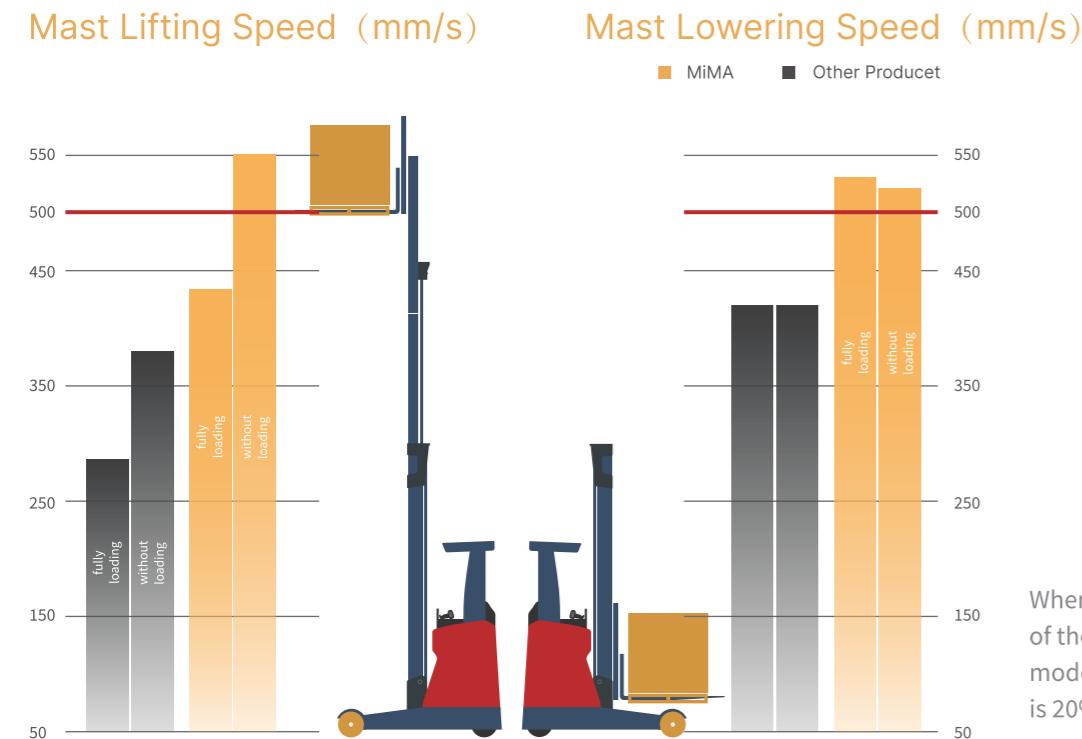
Forward and Backward End Deceleration

# Faster More efficient

MiMA's new MFZ model has obvious speed advantage, and its lifting speed, descending speed and forward and backward moving speed are all the best in China at present. The lift motor is increased to 14KW, and the drive motor is increased to 8KW. Every operation of the operator has been improved and the production efficiency has been improved.

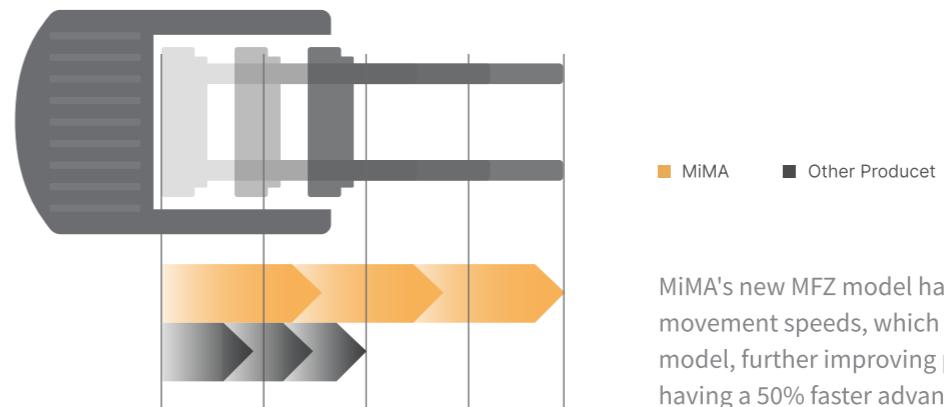


The productivity advantage of MiMA's new MFZ model comes first and foremost from the faster driving speed, which can work faster. The driving speed is up to 14km/h, which is 30% faster than other products' speed of 11 km/h.



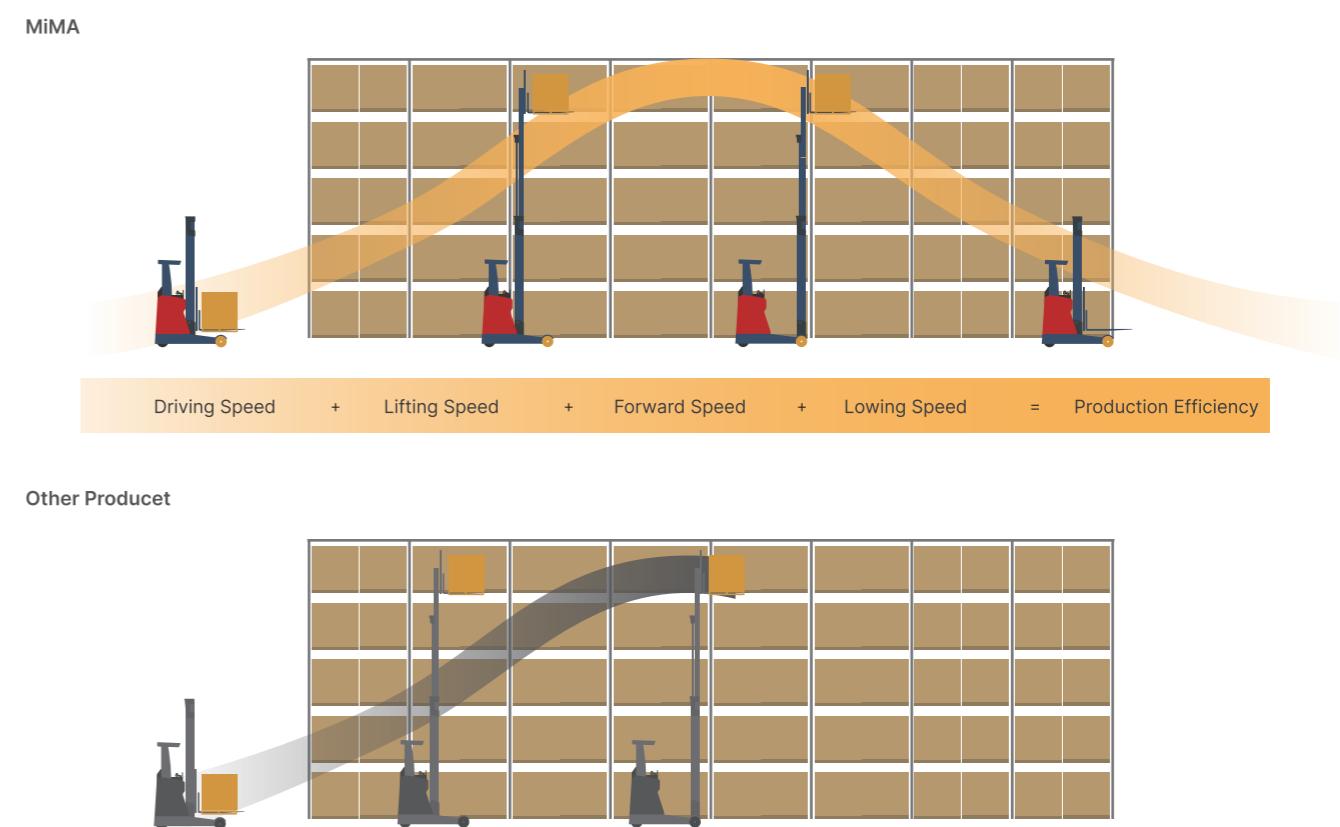
When fully loaded, the lifting speed of the mast is 15% faster than other models, and the descending speed is 20% faster.

## Forward and Backward Speed (mm/s)



MiMA's new MFZ model has faster forward and backward movement speeds, which is another strength of the MFZ model, further improving production efficiency and having a 50% faster advantage than other models.

## Advantages of Productivity



MiMA's new MFZ model is dedicated to improving the operation and efficiency of tasks, providing the safest and most efficient mode of operation, so at the end of each day, MFZ can always complete more tasks.

## Narrow mast design Vision optimization

Visual field is another important factor that affects the operation efficiency, because a good visual field can provide operators with sufficient confidence and make their operation more convenient and fast. The new MFZ model is designed with a narrow mast, which has a good lateral view and middle view, which is convenient for operators to observe the cargo status and improve efficiency.



## Visual field assistance Convenient operation

### • Fork vision system

The vision system of the fork ensures that the forklift still has a good vision and operability when working at a high position. A high-definition camera is installed at the root of the fork, and the cross laser is used for accurate positioning. The operator can clearly observe the position of the goods through the high-definition display, which improves efficiency and safety.



### • Driving wheel display

Equipped with drive wheel angle display function, it displays drive wheel angle, which is easier to operate.



# Easy to operate and comfortable to improve efficiency

## Integrated joystick(Optional)

Integrated all hydraulic action, horn button, driving direction operating switch, simplify the operation process, reasonable ergonomic design, more convenient operation, improve operating efficiency



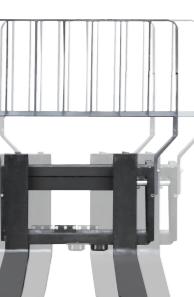
## Steering tiller

Intuitive steering tiller, operator centered design, effectively simplifies control operations.



## Suspension seat(Optional)

The seat can be adjusted forward and backward, and the backrest can be adjusted to improve operator comfort and reduce fatigue.



## Built-in (integrated) side shifter

Standard configuration forks can be side shifted left and right, is convenient to adjust the position of the forks to take goods.

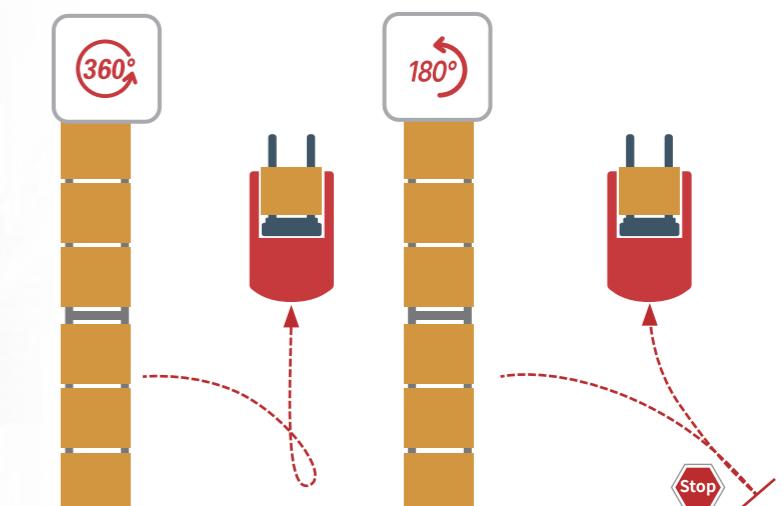


Noise Level  
≤68dB



## 180°/360°steering mode

Switch between 180°/ 360°mode can improve working efficiency in the aisle. In 360° mode, there is no need to stop to switch the direction switch (forward/backward), while in 180° (conventional mode), you need to stop and then switch the direction switch (forward/backward) before turning the steering wheel.



### One-Key Return to Center

When the position of the driving wheel cannot be quickly identified due to excessive steering operations, the two one click for turn-back keys can be pressed at the same time, and the driving wheel will automatically turn-back to the center.



## OPS

The vehicle has OPS in-position sensing function, mainly including pedal switch and seat switch. Only when the operator is in position, step on the pedal switch to start running, hydraulic functions and other functions to ensure vehicle safety.

| Standard |  |           |             |             |              |
|----------|--|-----------|-------------|-------------|--------------|
| 1.1      | Brand  | MiMA      | MiMA        | MiMA        | MiMA         |
| 1.2      | Model  | MFZ16S    | MFZ20S      | MFZ16M      | MFZ20M       |
| 1.3      | Power type   | Battery   | Battery     | Battery     | Battery      |
| 1.4      | Operation type   | Seated    | Seated      | Seated      | Seated       |
| 1.5      | Rated capacity   | Q(kg)     | 1600        | 2000        | 1600         |
| 1.6      | Load center  | C(mm)     | 600         | 600         | 600          |
| 1.7      | Distance from fork surface to front wheel center                     | x(mm)     | 371[3]      | 407[3]      | 371          |
| 1.8      | Front overhang   | xl(mm)    | 184         | 205         | 184          |
| 1.9      | Wheelbase  | y(mm)     | 1400        | 1500        | 1400         |
| Weight   |  |           |             |             |              |
| 2.1      | Vehicle weight (including battery)                                   | kg        | 3700        | 4131        | 3700         |
| 2.3      | Axle capacity with no load, drive side/load side                     | kg        | 2309/1391   | 2446/1510   | 2309/1391    |
| 2.4      | Axle capacity with full load when fork forward,drive side/load side  | kg        | 799/4501    | 730/5226    | 799/4501     |
| 2.5      | Axle capacity with full load when fork backward,drive side/load side | kg        | 2042/3258   | 2196/3761   | 2042/3258    |
| Wheel    |  |           |             |             |              |
| 3.1      | Wheel type, Drive wheel/Load wheel                                   |           | PU/PU       | PU/PU       | PU/PU        |
| 3.2      | Size, load wheel   | mm        | φ300×120    | φ343×120    | φ300×120     |
| 3.3      | Size, dive wheel   | mm        | φ343×120    | φ343×120    | φ343×120     |
| 3.4      | Number of wheels, front/rear(x=drive wheel)                          |           | 1X / 2      | 1X / 2      | 1X / 2       |
| 3.5      | Wheel tread, load side   | b11(mm)   | 1170        | 1170        | 1170         |
| Size     |  |           |             |             |              |
| 4.1      | Fork tilt range, front/rear  | a/β(°)    | 2/4         | 2/4         | 2/4          |
| 4.2      | Mast closed height   | h1(mm)    | 2253        | 2253        | 2253         |
| 4.3      | Free lift height   | h2(mm)    | 978[1]      | 978[1]      | 978[1]       |
| 4.4      | Lift height  | h3(mm)    | 4600        | 4600        | 4600         |
| 4.5      | Mast extended height with load-backrest                              | h4(mm)    | 5835[2]     | 5835[2]     | 5835[3]      |
| 4.7      | Overhead guard height  | h6(mm)    | 2200        | 2200        | 2200         |
| 4.8      | Seat height  | h7(mm)    | 1122        | 1122        | 1122         |
| 4.9      | Lateral travel   |           | ±50         | ±50         | ±50          |
| 4.10     | Leg height   | h8(mm)    | 320         | 363         | 320          |
| 4.19     | Overall length   | l1(mm)    | 2345[3]     | 2409[3]     | 2345         |
| 4.20     | Distance to fork surface   | l2(mm)    | 1275[3]     | 1339[3]     | 1275         |
| 4.21     | Overall width  | b1/b2(mm) | 1270/1290   | 1270/1290   | 1270/1290[1] |
| 4.22     | Fork size  | l/e/s(mm) | 1070×100×35 | 1070×122×40 | 1070×100×35  |
| 4.24     | Overhead guard width   | b3(mm)    | 1020        | 1020        | 1020         |
| 4.25     | Fork outside width   | b5(mm)    | 232-728     | 254-750     | 232-728      |
| 4.26     | Inner leg width  | b4(mm)    | 906         | 906         | 906          |
| 4.28     | Reach stroke   | l4(mm)    | 555[3]      | 613[3]      | 555          |
| 4.31     | Mast ground clearance  | m1(mm)    | 75          | 75          | 75           |
| 4.34.1   | Aisle width for pallet 1000*1200mm(C=500mm)                          | Ast(mm)   | 2716[3]     | 2791[3]     | 2716         |
| 4.34.2   | Aisle width for pallet 800*1200mm(C=600mm)                           | Ast(mm)   | 2767[3]     | 2835[3]     | 2767         |
| 4.35     | Turning radius   | Wa(mm)    | 1647        | 1747        | 1647         |
| 4.37     | Overall length (excluding fork)                                      | l7(mm)    | 1796        | 1918        | 1796         |
| Function |  |           |             |             |              |
| 5.1      | Driving speed(load/unload)   | km/h      | 14/14       | 14/14       | 14/14        |
| 5.2      | Lifting speed(load/unload)   | mm/s      | 330/500     | 300/500     | 330/500[4]   |
| 5.3      | Lowering speed(load/unload)  | mm/s      | 330/380     | 330/380     | 530/520      |
| 5.4      | Mast reaching speed  | mm/s      | 150         | 150         | 200          |
| 5.5      | Max. Gradeability speed, forward/retract                             | %(tanθ)   | 10          | 10          | 10           |
| 5.6      | Brake type   |           | Hydraulic   | Hydraulic   | Hydraulic    |
| Motor    |  |           |             |             |              |
| 6.1      | Driving motor(S2-60min)  | kw        | 5.8[4]      | 5.8[4]      | 5.8[8]       |
| 6.2      | Lifting motor(S3-15%)  | kw        | 12.8        | 12.8        | 12.8[5]      |
| 6.3      | Steering motor power (S2-60min)                                      | kw        | 0.4         | 0.4         | 0.4          |
| 6.4      | Battery voltage/capacity   | V/Ah      | 48/420[3]   | 48/560[3]   | 48/420       |
| 6.5      | Lithium battery voltage/capacity (optional)                          | V/Ah      | 48/300[3]   | 48/460[3]   | 48/300       |
| 6.6      | Battery weight   | kg        | 715[3]      | 920[3]      | 715          |
| Other    |  |           |             |             |              |
| 7.1      | Battery replacement type   | Front pul | Front pul   | Front pul   | Front pul    |
| 8.4      | Noise  | dB(A)     | 75          | 75          | 75[7]        |

MFZ16S&MFZ20H  
[1]: The free lift height increases without backrest; [2]: The max. lift height -378mm without backrest; [3]: When MFZ16S equipped with optional 48V560AH lead acid battery/48V460AH lithium battery;MFZ20S equipped with optional 48V700AH lead acid battery/48V600AH lithium battery, the relevant specifications refer to MFZ16H/MFZ20H;[4]: Optional 8kw drive motor is available;

| Standard |  |           |              |              |              |
|----------|--|-----------|--------------|--------------|--------------|
| 1.1      | Brand  | MiMA      | MiMA         | MiMA         | MiMA         |
| 1.2      | Model  | MFZ-L16   | MFZ-L16H     | MFZ-L20      | MFZ-L20H     |
| 1.3      | Power type   | Battery   | Battery      | Battery      | Battery      |
| 1.4      | Operation type   | Seated    | Seated       | Seated       | Seated       |
| 1.5      | Rated capacity   | Q(kg)     | 1600         | 1600         | 2000         |
| 1.6      | Load center  | C(mm)     | 600          | 600          | 600          |
| 1.7      | Distance from fork surface to front wheel center                     | x(mm)     | 312          | 312          | 335          |
| 1.8      | Front overhang   | xl(mm)    | 184          | 184          | 205          |
| 1.9      | Wheelbase  | y(mm)     | 1400         | 1400         | 1500         |
| Weight   |  |           |              |              |              |
| 2.1      | Vehicle weight (including battery)                                   | kg        | 4120         | 4120         | 4346         |
| 2.3      | Axle capacity with no load, drive side/load side                     | kg        | 2453/1467    | 2453/1467    | 2552/1794    |
| 2.4      | Axle capacity with full load when fork forward,drive side/load side  | kg        | 931/4789     | 931/4789     | 833/5513     |
| 2.5      | Axle capacity with full load when fork backward,drive side/load side | kg        | 2020/3600    | 2020/3600    | 2205/4141    |
| Wheel    |  |           |              |              |              |
| 3.1      | Wheel type, Drive wheel/Load wheel                                   |           | PU/PU        | PU/PU        | PU/PU        |
| 3.2      | Size, load wheel   | mm        | φ300×120[1]  | φ300×120[1]  | φ343×120[1]  |
| 3.3      | Size, dive wheel   | mm        | φ343×120     | φ343×120     | φ343×120     |
| 3.4      | Number of wheels, front/rear(x=drive wheel)                          |           | 2/1X         | 2/1X         | 2/1X         |
| 3.5      | Wheel tread, load side   | b11(mm)   | 1170[1]      | 1170[1]      | 1170[1]      |
| Size     |  |           |              |              |              |
| 4.1      | Fork tilt range, front/rear  | a/β(°)    | 2/4          | 2/4          | 2/4          |
| 4.2      | Mast closed height   | h1(mm)    | 2820         | 2820         | 2820         |
| 4.3      | Free lift height   | h2(mm)    | 1545[2]      | 1545[2]      | 1545[2]      |
| 4.4      | Lift height  | h3(mm)    | 6300         | 6300         | 6300         |
| 4.5      | Mast extended height with load-backrest                              | h4(mm)    | 7535[3]      | 7535[3]      | 7535[3]      |
| 4.7      | Overhead guard height  | h6(mm)    | 2200         | 2200         | 2200         |
| 4.8      | Seat height  | h7(mm)    | 1122         | 1122         | 1122         |
| 4.9      | Lateral travel   |           | ±50          | ±50          | ±50          |
| 4.10     | Leg height   | h8(mm)    | 320          | 320          | 363          |
| 4.19     | Overall length   | l1(mm)    | 2404         | 2404         | 2481         |
| 4.20     | Distance to fork surface   | l2(mm)    | 1334         | 1334         | 1411         |
| 4.21     | Overall width  | b1/b2(mm) | 1270/1290[1] | 1270/1290[1] | 1270/1290[1] |
| 4.22     | Fork size  | l/e/s(mm) | 1070×100×35  | 1070×100×35  | 1070×122×40  |
| 4.24     | Overhead guard width   | b3(mm)    | 1020         | 1020         | 1020         |
| 4.25     | Fork outside width   | b5(mm)    | 232-728      | 232-728      | 254-750      |
| 4.26     | Inner leg width  | b4(mm)    | 906          | 906          | 906          |
| 4.28     | Reach stroke   | l4(mm)    | 496          | 496          | 541          |
| 4.31     | Mast ground clearance  | m1(mm)    | 75           | 75           | 75           |
| 4.34.1   | Aisle width for pallet 1000*1200mm(C=500mm)                          | Ast(mm)   | 2760         | 2760         | 2843         |
| 4.34.2   | Aisle width for pallet 800*1200mm(C=600mm)                           | Ast(mm)   | 2821         | 2821         | 2900         |
| 4.35     | Turning radius   | Wa(mm)    | 1647         | 1647         | 1747         |
| 4.37     | Overall length (excluding fork)                                      | l7(mm)    | 1796         | 1796         | 1918         |
| Function |  |           |              |              |              |
| 5.1      | Driving speed(load/unload)   | km/h      | 14/14        | 14/14        | 14/14        |
| 5.2      | Lifting speed(load/unload)   | mm/s      | 330/500      | 330/500      | 300/500      |
| 5.3      | Lowering speed(load/unload)  | mm/s      | 530/520      | 530/520      | 530/520      |
| 5.4      | Mast movement speed, forward/retract                                 | mm/s      | 200          | 200          | 200          |
| 5.5      | Max. Gradeability speed(load/unload)(S2-5min)                        | %(tanθ)   | 10           | 10           | 10           |
| 5.6      | Brake type   |           | Hydraulic    | Hydraulic    | Hydraulic    |
| Motor    |  |           |              |              |              |
| 6.1      | Driving motor(S2-60min)  | kw        | 4            | 4            | 4            |
| 6.2      | Lifting motor(S3-15%)  | kw        | 12.8[5]      | 12.8[5]      | 12.8[5]      |
| 6.3      | Steering motor power (S2-60min)                                      | kw        | 0.4          | 0.4          | 0.4          |
| 6.4      | Battery voltage/capacity   | V/Ah      | 48/560       | 48/560       | 48/700       |
| 6.5      | Lithium battery voltage/capacity (optional)                          | V/Ah      | 48/300       | 48/300       | 48/460       |
| 6.6      | Battery weight   | kg        | 920          | 920          | 1100         |
| Other    |  |           |              |              |              |
| 7.1      |  |           |              |              |              |

## Load parameter

| MFZ16S/MFZ20S: 4600-8500mm; MFZ16M: 4600-9500mm; MFZ16H: 4600-10500mm; MFZ20M/MFZ20H: 4600-12500mm; |                     |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |
|---|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 车型  | h <sub>3</sub> (mm) | 5400 | 5700 | 6000 | 6300 | 6500 | 6750 | 7000 | 7150 | 7500 | 8000 | 8500 | 9000 | 9500 | 10000 | 10500 | 10800 | 11000 | 11500 | 12000 | 12500 |
| MFZ16S<br>(48V420AH)<br>Q(kg)   | C=600mm             | 1600 | 1600 | 1600 | 1600 | 1550 | 1500 | 1400 | 1300 | 1200 | 1050 | /    | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=700mm             | 1420 | 1420 | 1420 | 1420 | 1375 | 1330 | 1330 | 1240 | 1150 | 1060 | 930  | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=800mm             | 1250 | 1250 | 1250 | 1250 | 1210 | 1170 | 1170 | 1090 | 1010 | 930  | 820  | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=900mm             | 1040 | 1040 | 1040 | 1040 | 1000 | 970  | 970  | 910  | 840  | 780  | 680  | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=1000mm            | 900  | 900  | 900  | 900  | 870  | 840  | 840  | 780  | 730  | 670  | 590  | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=600mm             | 1600 | 1600 | 1600 | 1600 | 1550 | 1500 | 1400 | 1300 | 1200 | 1050 | 900  | /    | /    | /     | /     | /     | /     | /     | /     |       |
| MFZ16M<br>(48V420AH)<br>Q(kg)   | C=700mm             | 1420 | 1420 | 1420 | 1420 | 1375 | 1330 | 1330 | 1240 | 1150 | 1060 | 930  | 800  | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=800mm             | 1250 | 1250 | 1250 | 1250 | 1210 | 1170 | 1170 | 1090 | 1010 | 930  | 820  | 700  | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=900mm             | 1040 | 1040 | 1040 | 1040 | 1000 | 970  | 970  | 910  | 840  | 780  | 680  | 580  | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=1000mm            | 900  | 900  | 900  | 900  | 870  | 840  | 840  | 780  | 730  | 670  | 590  | 500  | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=600mm             | 1600 | 1600 | 1600 | 1600 | 1550 | 1500 | 1450 | 1350 | 1250 | 1150 | 1000 | 950  | 800  | /     | /     | /     | /     | /     | /     |       |
|   | C=700mm             | 1420 | 1420 | 1420 | 1420 | 1420 | 1370 | 1370 | 1280 | 1200 | 1100 | 1010 | 880  | 840  | 700   | /     | /     | /     | /     | /     |       |
| MFZ16H<br>(48V560AH)<br>Q(kg)   | C=800mm             | 1250 | 1250 | 1250 | 1250 | 1250 | 1210 | 1210 | 1130 | 1050 | 970  | 900  | 780  | 740  | 620   | /     | /     | /     | /     | /     |       |
|   | C=900mm             | 1040 | 1040 | 1040 | 1040 | 1040 | 1000 | 1000 | 940  | 870  | 810  | 740  | 650  | 610  | 520   | /     | /     | /     | /     | /     |       |
|   | C=1000mm            | 900  | 900  | 900  | 900  | 900  | 870  | 870  | 810  | 760  | 700  | 640  | 560  | 530  | 450   | /     | /     | /     | /     | /     |       |
|   | C=600mm             | 1850 | 1800 | 1750 | 1700 | 1700 | 1600 | 1550 | 1450 | 1350 | 1250 | /    | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=700mm             | 1690 | 1640 | 1600 | 1550 | 1510 | 1420 | 1420 | 1370 | 1280 | 1200 | 1100 | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=800mm             | 1490 | 1450 | 1410 | 1370 | 1330 | 1330 | 1250 | 1210 | 1130 | 1050 | 970  | /    | /    | /     | /     | /     | /     | /     | /     |       |
| MFZ20S<br>(48V560AH)<br>Q(kg)   | C=900mm             | 1240 | 1210 | 1180 | 1140 | 1110 | 1110 | 1050 | 1000 | 940  | 870  | 810  | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=1000mm            | 1070 | 1050 | 1020 | 990  | 960  | 960  | 900  | 870  | 810  | 760  | 700  | /    | /    | /     | /     | /     | /     | /     | /     |       |
|   | C=600mm             | 2000 | 1950 | 1900 | 1850 | 1800 | 1750 | 1700 | 1700 | 1600 | 1500 | 1350 | 1200 | 1100 | 1050  | 900   | 800   | 750   | 700   | 650   | 600   |
|   | C=700mm             | 1780 | 1730 | 1690 | 1640 | 1600 | 1550 | 1510 | 1420 | 1330 | 1200 | 1060 | 970  | 930  | 800   | 710   | 660   | 620   | 570   | 530   |       |
|   | C=800mm             | 1570 | 1530 | 1490 | 1450 | 1410 | 1370 | 1330 | 1330 | 1250 | 1170 | 1060 | 940  | 860  | 820   | 700   | 620   | 580   | 550   | 510   | 470   |
|   | C=1000mm            | 1310 | 1270 | 1240 | 1210 | 1180 | 1140 | 1110 | 1110 | 1050 | 980  | 880  | 780  | 720  | 680   | 590   | 520   | 490   | 450   | 420   | 390   |
| MFZ20M<br>(48V560AH)<br>Q(kg)   | C=600mm             | 2000 | 2000 | 2000 | 2000 | 1950 | 1850 | 1800 | 1800 | 1650 | 1600 | 1450 | 1350 | 1300 | 1200  | 1100  | 1050  | 1000  | 950   | 850   | 800   |
|   | C=700mm             | 1780 | 1780 | 1780 | 1780 | 1730 | 1640 | 1600 | 1600 | 1460 | 1420 | 1280 | 1200 | 1150 | 1060  | 970   | 930   | 890   | 840   | 750   | 710   |
|   | C=800mm             | 1570 | 1570 | 1570 | 1570 | 1530 | 1450 | 1410 | 1410 | 1290 | 1250 | 1130 | 1050 | 1020 | 940   | 860   | 820   | 780   | 740   | 660   | 620   |
|   | C=900mm             | 1310 | 1310 | 1310 | 1310 | 1270 | 1210 | 1180 | 1080 | 1050 | 950  | 880  | 850  | 780  | 720   | 680   | 650   | 620   | 550   | 520   |       |
|   | C=1000mm            | 1130 | 1130 | 1130 | 1130 | 1100 | 1050 | 1020 | 1020 | 930  | 900  | 820  | 760  | 730  | 680   | 620   | 590   | 560   | 530   | 480   | 450   |
|   | C=600mm             | 2000 | 2000 | 2000 | 2000 | 1950 | 1850 | 1800 | 1800 | 1650 | 1600 | 1450 | 1350 | 1300 | 1200  | 1100  | 1050  | 1000  | 950   | 850   | 800   |
| MFZ20H<br>(48V700AH)<br>Q(kg)   | C=700mm             | 1780 | 1780 | 1780 | 1780 | 1730 | 1640 | 1600 | 1600 | 1460 | 1420 | 1280 | 1200 | 1150 | 1060  | 970   | 930   | 890   | 840   | 750   | 710   |
|   | C=800mm             | 1570 | 1570 | 1570 | 1570 | 1530 | 1450 | 1410 | 1410 | 1290 | 1250 | 1130 | 1050 | 1020 | 940   | 860   | 820   | 780   | 740   | 660   | 620   |
|   | C=900mm             | 1310 | 1310 | 1310 | 1310 | 1270 | 1210 | 1180 | 1080 | 1050 | 950  | 880  | 850  | 780  | 720   | 680   | 650   | 620   | 550   | 520   |       |
|   | C=1000mm            | 1130 | 1130 | 1130 | 1130 | 1100 | 1050 | 1020 | 1020 | 930  | 900  | 820  | 760  | 730  | 680   | 620   | 590   | 560   | 530   | 480   |       |

Note[1]: The unloaded height of the MFZ20S model is 4800mm.

Note[2]: The lift height: 3300mm is only a unloaded height parameter, no vehicle model available at this height in reality.

## Mast parameter

| Triplex full free mast MFZ16S/MFZ20S: 4600-8500mm; MFZ16M: 4600-9500mm; MFZ16H: 4600-10500mm; MFZ20M/MFZ20H: 4600-12500mm; | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Lift Height | h<sub>3</sub>(mm) | 4600 | 4800 | 5400 | 5700 | 6000 | 6300 | 6500 | 6750 | 7000 | 7150 | 7500 | 8000 | 8500 | 9000 |  |  |  |  |  |





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