## Articulated Forklift MJ20

- Compared with counterbalanced forklift, pallet positions have increased by 200%. Reach height has increased by 100% (10M), and aisle width has decreased by 45% (1.9M).
- Narrow aisle and high storage capacity
- Indoors and outdoors using
- High speed driving and high efficient work
- Flexible steering

| | Specification | | |
|---|---|---|---|
| 1 | Manufacturer | | MiMA |
| 2 | Model | | MJ |
| 3 | Power type | | Battery |
| 4 | Driving style | | Seated |
| 5 | Rated load | Q(kg) | 2000 |
| 6 | Load center | C(mm) | 600 |
| 7 | Front overhang | x(mm) | 285 |
| 8 | Wheelbase | y(mm) | 1720 |
| 9 | Service Weight(incl.battery) | kg | 8000 |
| 10 | wheel type | | Solid rubber tires |
| 11 | Load wheel size | mm | φ457×178 |
| 12 | Drive wheel size | mm | φ415×178 |
| 13 | Number of wheels,front/rear(x=drive wheel) | | 2x/2 |
| 14 | Wheel base,drive side | b10(mm) | 800 |
| 15 | Wheel base, load-bearing side | b11(mm) | 1090 |
| 16 | Tilt of fork, Forward/Backward | α/β(°) | 1/3 |
| 17 | Mast rotation angle | (°) | 210° |
| 18 | Mast closed height | h1(mm) | 3385 |
| 19 | Free lift height | h2(mm) | 1700 |
| 20 | Lift height | h3(mm) | 6320 |
| 21 | Height of mast open | h4(mm) | 7500 |
| 22 | Overhead guard height | h6(mm) | 2250 |
| 23 | Seat height | h7(mm) | 1230 |
| 24 | Overall length | L1(mm) | 3830 |
| 25 | Length to fork face | L2(mm) | 2730 |
| 26 | Overall width | b1/b2(mm) | 980/1260 |
| 27 | Fork size | l/e/s(mm) | 1100/100/50 |
| 28 | Installation level | | II |
| 29 | Fork rack width | b3(mm) | 990 |
| 30 | Fork outside width | b5(mm) | 250~890 |
| 31 | Lateral displacement | mm | ±100 |
| 32 | Mast ground clearance | m1(mm) | 70 |
| 33 | Body ground clearance | m2(mm) | 100 |
| 34 | Aisle width (pallet 800x1200)Load center | Ast(mm) | 1900 |
| 35 | Minimum  main aisle width(pallet 1000*1200depth) | (mm) | 2000 |
| 36 | Turning radius | Wa(mm) | 2200 |
| 37 | Driving speed, load/unloaded | km/h | 13 |
| 38 | Lifting speed,load/unloaded | mm/s | 400/420 |
| 39 | Lowering speed,load/unload | mm/s | 280/200 |
| 40 | Maximum climbing capacity,full loaded/no | %(tanθ ) | 12/13 |
| 41 | Braking mode | | Mechanical hydraulic |
| 42 | Drive motor power (S2-60min) | kw | AC18.5 |
| 43 | Lift motor power, (S3-15%) | kw | AC15 |
| 44 | Battery, voltage/rated capacity | V/Ah | 48/900 |
| 45 | Battery weight | kg | 1400 |
| 46 | steering system | | Hydraulic |

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