



## MHC 03 - ORDER PICKER

The MiMA MHC03 Order Picker is a compact, self-propelled lifting solution designed for safe and efficient low-level order picking and stock replenishment. Its compact footprint and tight turning radius allow easy operation in narrow warehouse aisles and confined spaces. The spacious operator platform provides a secure working environment, while smooth electric lift and drive functions improve productivity and reduce operator fatigue. Advanced safety features, including enclosed guardrails, automatic braking and emergency stop controls, ensure confidence when working at height. With quiet, zero-emission electric operation and low maintenance requirements, the MHC03 is ideal for warehouses, retail stores, distribution centres and manufacturing facilities, delivering a safer alternative to ladders while increasing efficiency and workplace safety.

### Ideal for:

- **Warehouse order picking**
- **Stock replenishment**
- **Inventory counting**
- **Retail back-of-house operations**
- **Archive and document storage**
- **Production line material supply**
- **Facility inspection and maintenance**
- **Distribution and logistics centres**

# Technical Specification

|                   |     | Mini Order Picker 1MHC03-30                      |          |                              |
|-------------------|-----|--------------------------------------------------|----------|------------------------------|
| Characteristics   | 1.1 | Manufacture                                      |          | MiMA                         |
|                   | 1.2 | Model                                            |          | 1MHC03-30                    |
|                   | 1.3 | Power                                            |          | Battery                      |
|                   | 1.4 | Operation Type                                   |          | Manual                       |
|                   | 1.5 | Load Capacity                                    | Q (kg)   | 90/110/136                   |
|                   | 1.6 | Wheel Base                                       | y (mm)   | 1095                         |
| Weights           | 2.1 | Service weight(with battery)                     | kg       | 800                          |
|                   | 2.2 | Axle loading, laden drive/load                   | kg       | /                            |
|                   | 2.3 | Axle loading, unladen drive/load                 | kg       | /                            |
| Wheels            | 3.1 | Tyre,operator/load side                          |          | PU                           |
|                   | 3.2 | Tyre size,load                                   | mm       | Φ254×104                     |
|                   | 3.3 | Tyre size,drive                                  | mm       | Φ210×70                      |
|                   | 3.4 | Auxiliary wheel size                             | mm       | Φ76×24                       |
|                   | 3.5 | Wheels number,load/drive(x=driven)+Auxiliary     |          | 2/1X+4                       |
|                   | 3.6 | Tread, drive                                     | b10mm)   | 560                          |
|                   | 3.7 | Tread, load                                      | b11(mm)  | 642.5                        |
| Dimensions        | 4.1 | Overall height                                   | h1(mm)   | 1375                         |
|                   | 4.2 | Lift height                                      | h2(mm)   | 3000                         |
|                   | 4.3 | Stand height                                     | h3(mm)   | 310                          |
|                   | 4.4 | Overall length                                   | l1(mm)   | 1440                         |
|                   | 4.5 | Overall width                                    | b1(mm)   | 750                          |
|                   | 4.6 | Ground clearance,centre of wheelbase             | m2(mm)   | 35                           |
|                   | 4.7 | Aisle width                                      | Ast(mm)  | 1845                         |
|                   | 4.8 | Turning radius                                   | Wa(mm)   | 1260                         |
| Performance       | 5.1 | Travel speed,with/without load                   | km/h     | 6/6.5                        |
|                   | 5.2 | Lifting speed,with/without load                  | m/s      | 0.22/0.27                    |
|                   | 5.3 | Lowering speed,with/without load                 | m/s      | 0.30/0.25                    |
|                   | 5.4 | Max. climbing ability,with/without load(S2-5min) | %        | 5/8                          |
|                   | 5.5 | Service brake                                    |          | Electromagnetic/Regenerative |
| Drive             | 6.1 | Drive motor rating(S2-60 min)                    | kw       | 0.70(AC)                     |
|                   | 6.2 | Lift motor rating(S3-15%)                        | kw       | 2.2(DC)                      |
|                   | 6.3 | Battery voltage/rated capacity                   | (V)/(Ah) | 24/120                       |
|                   | 6.4 | Battery weight                                   | kg       | 68                           |
|                   | 6.5 | Steering System                                  |          |                              |
| Note 1: 24V/100AH |     |                                                  |          |                              |

