

**MP** | **INTRALOGISTIC**  
MASTER IN PRODUCTIVITY



EL.PLATFORM | **PX500 AC**

mar plast group





# ELECTRIC PLATFORM PX500 AC

## TECHNICAL FEATURES

|                                                                                                               |    |                                             |        |                                             |      |  |
|---------------------------------------------------------------------------------------------------------------|----|---------------------------------------------|--------|---------------------------------------------|------|--|
| FEATURES                                                                                                      | 0  | MANUFACTURER                                |        | MP INTRALOGISTIC                            |      |  |
|                                                                                                               | 1  | Model                                       |        | PX500 AC                                    |      |  |
|                                                                                                               | 2  | Traction                                    |        | Electric                                    |      |  |
|                                                                                                               | 3  | Type of driving                             |        | Standing                                    |      |  |
|                                                                                                               | 4  | Loading capacity                            | (Kg)   | 400                                         |      |  |
|                                                                                                               | 5  | Wheel axles (± 3 mm)                        | (mm)   | 1956                                        |      |  |
| W                                                                                                             | 6  | Weight including battery                    | (Kg)   | 260                                         |      |  |
| WHEELS/STRUCTURE                                                                                              | 7  | Tyres                                       |        | SE (Superelastic)                           |      |  |
|                                                                                                               | 8  | Front wheel dimensions                      |        | 3.00 - 4                                    |      |  |
|                                                                                                               | 9  | Rear wheel dimensions                       | (mm)   | 225 x 80                                    |      |  |
|                                                                                                               | 10 | Front wheel number                          |        | 1                                           |      |  |
|                                                                                                               | 11 | Rear wheel number                           |        | 2                                           |      |  |
|                                                                                                               | 12 | Wheel track (front/rear)                    | (mm)   | 695                                         |      |  |
| DIMENSIONS                                                                                                    | 13 | Operator's dashboard height                 | (mm)   | 1395                                        |      |  |
|                                                                                                               | 14 | Operator's seat height                      | (mm)   | -                                           |      |  |
|                                                                                                               | 15 | Towing hook height                          | (mm)   | 160                                         |      |  |
|                                                                                                               | 16 | Platform height from ground                 | (mm)   | 257                                         |      |  |
|                                                                                                               | 17 | Clearance                                   | (mm)   | 120                                         |      |  |
|                                                                                                               | 18 | Platform length                             | (mm)   | 1820 (driver included)                      |      |  |
|                                                                                                               | 19 | Platform width                              | (mm)   | 800                                         |      |  |
|                                                                                                               | 20 | Total length                                | (mm)   | 2575                                        |      |  |
|                                                                                                               | 21 | Total width (± 3 mm)                        | (mm)   | 800                                         |      |  |
|                                                                                                               | 22 | Min. working aisle (recommended)            | (mm)   | 1000                                        |      |  |
|                                                                                                               | 23 | Min. front aisle to turn 180° (recommended) | (mm)   | 3100                                        |      |  |
|                                                                                                               | 24 | Turning radius 90°                          | WA(mm) | 2900                                        |      |  |
| *PERFORMANCES                                                                                                 | 25 | Reduction gear ratio                        |        | 1/16                                        | 1/22 |  |
|                                                                                                               | 26 | Max. speed without loading                  | Km/h   | 9                                           | 9    |  |
|                                                                                                               | 27 | Max. gradient without loading               | %      | 10                                          |      |  |
|                                                                                                               | 28 | Service brake                               |        | Mech. + Motorbrake                          |      |  |
|                                                                                                               | 29 | Parking brake                               |        | Electromechanical                           |      |  |
|                                                                                                               | 30 | Emergency brake                             |        | Electromechanical                           |      |  |
|                                                                                                               | 31 | Driving detection sensor                    |        | Electromechanical complete foot-rest        |      |  |
|                                                                                                               | 32 | Nominal towing hook stress                  | F(N)   | -                                           |      |  |
| ELECTRIC FEATURES                                                                                             | 33 | Traction motor, capacity KB 60 min          | (kW)   | 1.2 AC                                      |      |  |
|                                                                                                               | 34 | Battery                                     |        | Acid                                        |      |  |
|                                                                                                               | 35 | Battery voltage                             | (V)    | 24                                          |      |  |
|                                                                                                               | 36 | Battery capacity                            | (Ah)   | 100                                         |      |  |
|                                                                                                               | 37 | Battery weight                              | (Kg)   | 62 (2 x 31)                                 |      |  |
| OTHERS                                                                                                        | 38 | Kind of transmission                        |        | Transaxle system gear + 2/4 planetary gears |      |  |
|                                                                                                               | 39 | Average noise for the operator              | dB (A) | <70                                         |      |  |
|                                                                                                               | 40 | Steering gear                               |        | Mechanic                                    |      |  |
|                                                                                                               | 41 | Vibrations to the operator                  | (m/s²) | <2,5                                        |      |  |
|                                                                                                               | 42 | Speed control                               |        | Electronic variator                         |      |  |
| * The performances refer to the veichle in perfect conditions, with charged battery and regular mainteniance. |    |                                             |        |                                             |      |  |

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