

# WPL202

## HEAVY-DUTY LI-ION PALLET TRUCK 2.0T

 2000 kg  125 mm  24 V Li-Ion



The WPL202 is ideal for warehouses, distribution hubs, and retail environments where space utilization is critical. Thanks to its compact design and small turning radius (1320 mm), it easily navigates lorries and narrow aisles. The cold storage version (0 ~ -20°C) with waterproof components, heated battery, rubber wheels, and low-temperature hydraulic oil makes it suitable for frozen food and pharmaceutical logistics.

| SPECIFICATION                               | REF       | UNIT | VALUE       |
|---------------------------------------------|-----------|------|-------------|
| Battery type                                |           |      | Li-Ion      |
| Battery nominal capacity                    |           | Ah   | 100         |
| Battery voltage                             |           | V    | 24          |
| Load capacity                               | Q         | kg   | 2000        |
| Load centre distance                        | c         | mm   | 600         |
| Service weight                              |           | kg   | 320         |
| Lift height                                 | $h_3$     | mm   | 125         |
| Overall length                              |           | mm   | 1620        |
| Overall width                               | $b_1/b_2$ | mm   | 714         |
| Length to face of forks                     | $I_2$     | mm   | 470         |
| Fork dimensions                             | s/e/l     | mm   | 55/170/1150 |
| Turning radius                              |           | Wa   | 1320        |
| Operator type                               |           |      | Pedestrian  |
| Load distance, centre of drive axle to fork |           | mm   | 982         |
| Wheelbase                                   |           | mm   | 1300        |
| Axle loading, laden front/rear              |           | kg   | 825/1495    |

# Features

## Ultra-slim design for confined spaces

With only 470 mm chassis length and a turning radius of 1320 mm, the WPL202 is built to maximize maneuverability in tight environments such as lorries, narrow aisles, and compact warehouses. This compact size also optimizes transport and reduces freight costs.

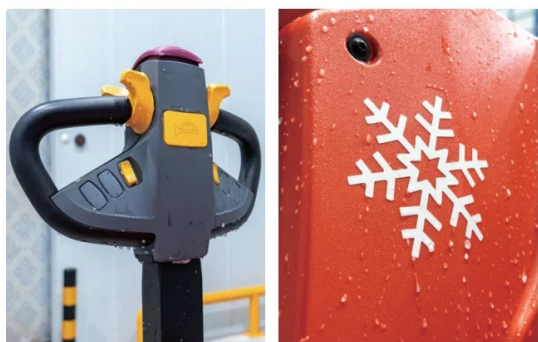
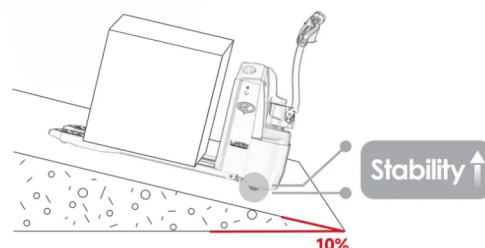


## Lithium technology with integrated charger

Equipped with a 24V/100Ah Li-ion battery and 30A integrated charger, the WPL202 supports fast opportunity charging with zero maintenance. This provides maximum uptime in multi-shift operations and greater operational flexibility.

## Unique synchronous castor wheels

The WPL202 adopts synchronized castor wheels that ensure superior stability and gradeability, even when operating on ramps or uneven floors. This advanced design minimizes tipping risks and provides smoother load handling.



## Cold storage option available

The WPL202 cold storage version is equipped with waterproof tiller head, heated Li-ion battery, rubber drive wheel, and low-temperature hydraulic oil, enabling reliable operation in frozen conditions down to -20°C.

## Durability and user convenience

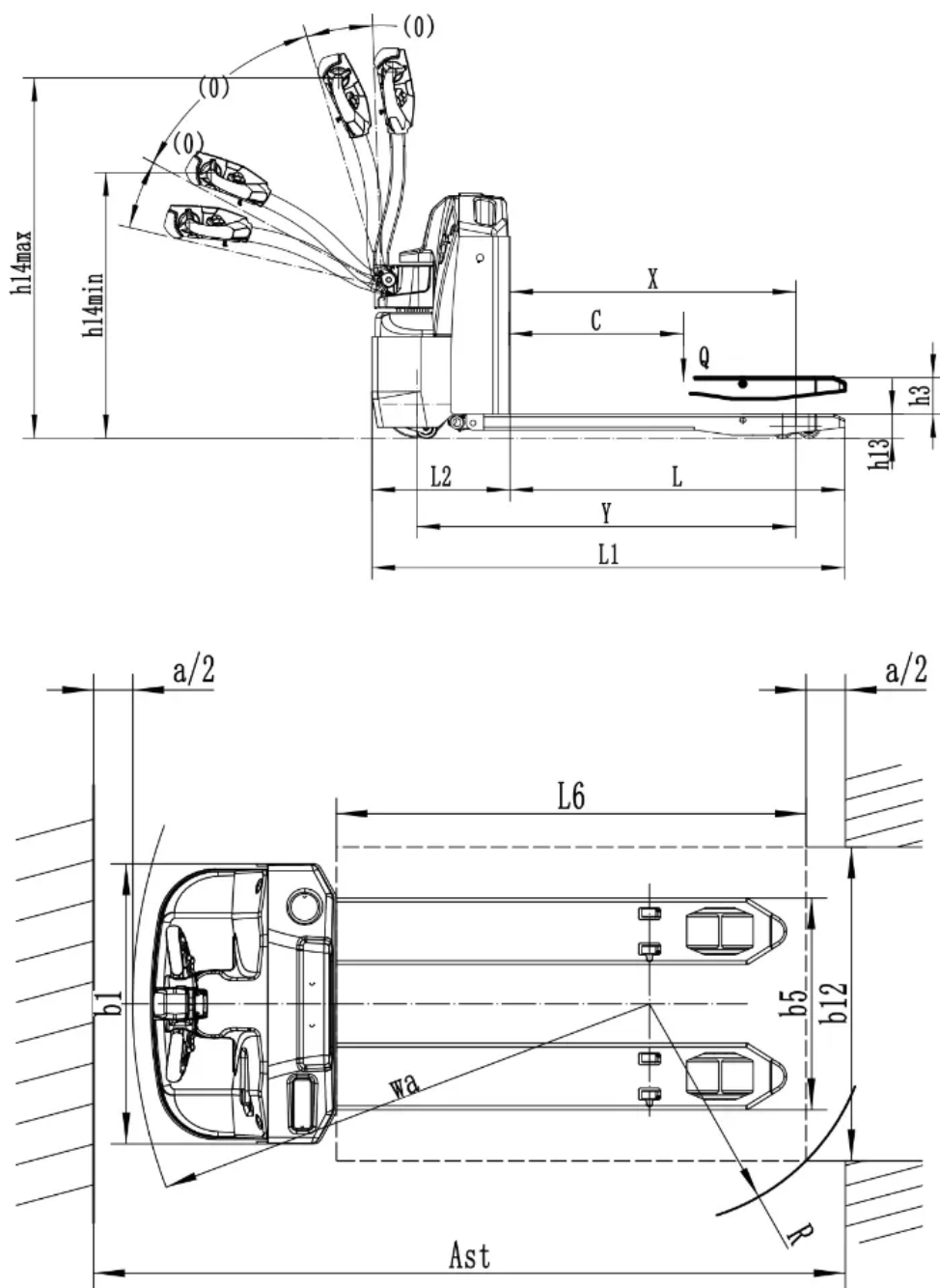
Built with market-proven components, the WPL202 guarantees long-term reliability. Options like keypad entry and telematics further enhance convenience and allow integration with modern fleet management systems.



## VDI Chart

| SPECIFICATION |                                             | REF                            | UNIT | VALUE           |
|---------------|---------------------------------------------|--------------------------------|------|-----------------|
| 1.4           | Operator type                               |                                |      | Pedestrian      |
| 1.5           | Load capacity                               | Q                              | kg   | 2000            |
| 1.6           | Load centre distance                        | c                              | mm   | 600             |
| 1.8           | Load distance, centre of drive axle to fork |                                | mm   | 982             |
| 1.9           | Wheelbase                                   |                                | mm   | 1300            |
| 2.1           | Service weight                              |                                | kg   | 320             |
| 2.2           | Axle loading, laden front/rear              |                                | kg   | 825/1495        |
| 2.3           | Axle loading, unladen front/rear            |                                | kg   | 255/65          |
| 3.1           | Tyre type                                   |                                |      | Polyurethane    |
| 3.2           | Tyre size, front                            |                                |      | 230x75          |
| 3.3           | Tyre size, rear                             |                                |      | 80x85           |
| 3.5           | Wheels, number front/rear (x=drive wheels)  |                                |      | 1/2/4           |
| 3.6           | Tread width, front                          | b <sub>10</sub>                | mm   | 483             |
| 3.7           | Tread width, rear                           | b <sub>11</sub>                | mm   | 370             |
| 4.19          | Overall length                              |                                | mm   | 1620            |
| 4.20          | Length to face of forks                     | I <sub>2</sub>                 | mm   | 470             |
| 4.21          | Overall width                               | b <sub>1</sub> /b <sub>2</sub> | mm   | 714             |
| 4.22          | Fork dimensions                             | s/e/l                          | mm   | 55/170/1150     |
| 4.32          | Ground clearance, centre of wheelbase       |                                | mm   | 27              |
| 4.34.1        | Aisle width for pallets 1000×1200 crossways |                                | Ast  | 2153            |
| 4.34.2        | Aisle width for pallets 800×1200 lengthways |                                | Ast  | 2080            |
| 4.35          | Turning radius                              |                                | Wa   | 1320            |
| 4.4           | Lift height                                 | h <sub>3</sub>                 | mm   | 125             |
| 5.1           | Travel speed, laden/unladen                 |                                | km/h | 5.5/6           |
| 5.10          | Service brake                               |                                |      | Electromagnetic |
| 5.2           | Lifting speed, laden/unladen                |                                | m/s  | 0.022           |

| SPECIFICATION |                                         | REF | UNIT  | VALUE      |
|---------------|-----------------------------------------|-----|-------|------------|
| 5.3           | Lowering speed, laden/unladen           |     | m/s   | 0.039      |
| 5.8           | Max. gradeability, laden/unladen        |     | %     | 10/16      |
| 6.1           | Drive motor rating S2 60 min            |     | kW    | 1.6        |
| 6.2           | Lift motor rating at S3 15%             |     | kW    | 0.8        |
| 6.4           | Battery nominal capacity                |     | Ah    | 100        |
| 6.4           | Battery voltage                         |     | V     | 24         |
| 6.4.1         | Battery type                            |     |       | Li-Ion     |
| 6.5           | Battery weight                          |     | kg    | 44         |
| 8.1           | Type of drive control                   |     |       | AC         |
| 10.5          | Steering design                         |     |       | Mechanical |
| 10.7          | Sound pressure level at the drivers ear |     | dB(A) | 70         |



Options

| ITEM                | OPTIONS (optional items marked in yellow)                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fork dimension      | 540*1150   540*850   540*1000   540*1220   540*1300   540*1450   540*1600  <br>540*1800   540*2000   540*2400   685*850   685*1000   685*1150   685*1220  <br>685*1300   685*1450   685*1600   685*1800   685*2000   685*2400 |
| Fork lowered height | 85                                                                                                                                                                                                                            |

| ITEM                                          | OPTIONS (optional items marked in yellow) |
|-----------------------------------------------|-------------------------------------------|
| Load wheel type                               | Double   Single                           |
| Load wheel material                           | PU                                        |
| Drive wheel material                          | PU   Trace PU                             |
| Battery capacity                              | 100Ah Li-ion                              |
| Charger                                       | 24V-30A Integrated                        |
| Battery display indicator (BDI)               | With hourmeter                            |
| Vertical handler working                      | Yes and not customized                    |
| Telematics                                    | No   Yes and not customized               |
| The British standard cannot walk when charged | No                                        |
| Castor wheels                                 | Yes and not customized                    |
| Drive cover off the ground                    | 35mm                                      |
| Entry roller                                  | No                                        |
| Pin code                                      | No                                        |