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Electric Pallet truck

# 15/18/20EP



■ Photo may include optional equipment.

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## Standard Configurations

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### 15EP

- Lifting Capacity: 1500 kg
- Brushless Drive Motor 0.9 kW
- Lifting Motor: 0.8 kW
- Drive Wheel: 195 x 70mm
- Double Polyurethane Load wheels wheel (size: 80 x 70 mm)
- Hourmeter, Battery Discharge Indicator (BDI) & lift cut off
- Overall Fork Width x Length : 550 mm x 1150 mm
- Turtle switch / crawl speed button
- Belly switch
- Gel battery
- Integrated charger
- Emergency switch
- Ergonomic tiller

### 18EP

- Lifting Capacity: 1800 kg
- AC Drive Motor 1.2 kW
- Lift motor 1.2 kW
- Curtis controller
- Drive wheel : 250 x 70mm
- Double Polyurethane Load wheel wheel (size: 80 x 70 mm)
- Hourmeter, Battery Discharge Indicator (BDI) & lift cut off
- Overall Fork Width x Length : 550 mm x 1150 mm
- Turtle switch / crawl speed button
- Ergonomic low-mounted tiller
- Side Battery Removal
- Emergency switch
- Belly switch

### 20EP

- Lifting Capacity : 2000 kg
- AC Drive Motor 1.2 kW
- Lift motor 1.2 kW
- Curtis controller
- Drive wheel : 250 x 70mm
- Double Polyurethane Load wheel wheel (size: 82 x 98 mm)
- Hourmeter, Battery Discharge Indicator (BDI) & lift cut off
- Overall Fork Width x Length : 550 mm x 1150 mm
- Turtle switch / crawl speed button
- Ergonomic low-mounted tiller
- Side Battery Removal
- Emergency switch
- Belly switch

## Advantages

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### SAFETY AND PRODUCTIVITY

- AC technology gives high performance and low maintenance (no carbon brushes)
- Intelligent regenerative brake system for fast and efficient handling
- Side battery removal, for multiple shift operation
- Turtle mode switch, for safe maneuverability with tiller in upright position
- Proportional speed control ensures precise operation
- Anti roll-back on gradients (parking brake)

### STRUCTURE DESIGN

- The motor structure is resistant to dust and moisture
- Improved lateral stability thanks to spring applied castor wheels
- Torsion resistant forks, welded type

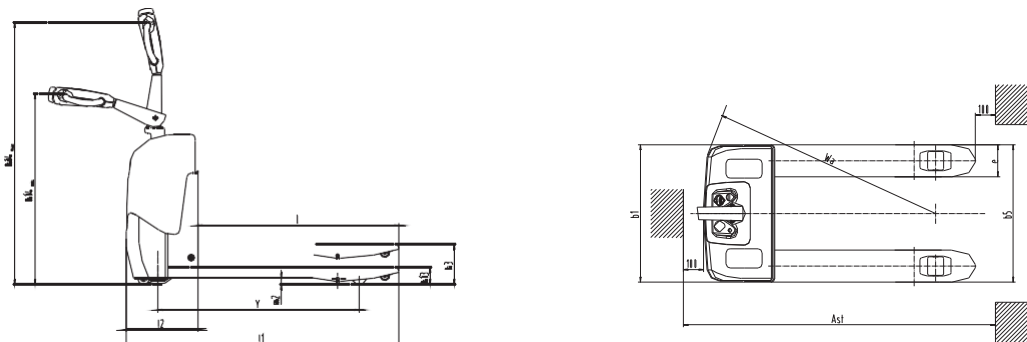
### SERVICEABILITY

- Increased serviceability by CANbus technology
- Grease fittings on all pivot points increase durability
- Easy access to all components thanks to removal of only 1-piece front cover

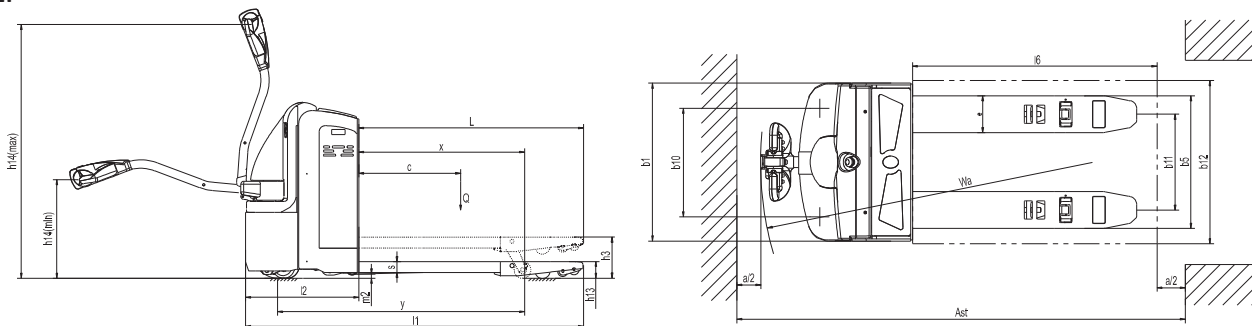
# Electric Pallet truck

## Dimensions

### 15EP



### 18/20EP



## Option

### 15EP

- Loadguard 1220mm
- Fork length (mm): 900; 1000; 1220
- Single PULoad Wheels (fork wheel size 80 x 70 mm)

### 18EP

- Integrated Charger (24V / 15A)
- Battery trolley
- Foot protection strip
- Keyless ignition (keypad)
- Loadguard 1220mm
- Fork length (mm): 800; 900; 1000; 1220; 1600; 1800; 2400 mm  
(1800; 2400 : rated load capacity 1.5t)

### 20EP

- Single PU load wheels (size 82 x 98)
- Integrated Charger (24V / 15A)
- Battery trolley
- Foot protection strip
- Keyless ignition (keypad)
- Loadguard 1220mm
- Fork length (mm): 800; 900; 1000; 1220; 1600; 1800; 2400 mm  
(1800; 2400 : rated load capacity 1.5t)

## Specification (according to VDI2198)

| Characteristics  |  |       |      |                       |                       |                       |
|------------------|--|-------|------|-----------------------|-----------------------|-----------------------|
| 1.1              | manufacturer (abbreviation)                                |       |      | Hyundai               | Hyundai               | Hyundai               |
| 1.2              | Model  |       |      | 15EP                  | 18EP                  | 20EP                  |
| 1.3              | Drivetype  |       |      | electric              | electric              | electric              |
| 1.4              | Operator type  |       |      | pedestrian            | pedestrian            | pedestrian            |
| 1.5              | Load capacity/rated load                                   | Q     | kg   | 1500                  | 1800                  | 2000                  |
| 1.6              | Load center distance                                       | c     | mm   | 600                   | 600                   | 600                   |
| 1.8              | Load distance  | x     | mm   | 886/ 956              | 856                   | 815/ 865/ 935         |
| 1.9              | Wheelbase  | y     | mm   | 1152/ 1222            | 1200                  | 1211/ 1261/ 1331      |
| Weight           |  |       |      |                       |                       |                       |
| 2.1              | Service weight (with battery)                              |       | kg   | 230                   | 520                   | 620                   |
| 2.2              | Axle load, front/rear, loaded                              |       | kg   | 442/ 1288             | 720/ 1600             | 1170/ 1450            |
| 2.3              | Axle load, front/rear, unloaded                            |       | kg   | 200/ 30               | 420/ 100              | 470/ 150              |
| Wheels/Chassis   |  |       |      |                       |                       |                       |
| 3.1              | Tyres: solid rubber, superelastic, pneumatic, polyurethane |       |      | polyurethane          | polyurethane          | polyurethane          |
| 3.2              | Tyre size, front   |       |      | Φ195 x70              | Φ250 x70              | Φ250 x70              |
| 3.3              | Tyre size, rear  |       |      | Φ80 / Φ70             | Φ80 x70               | Φ82 x126              |
| 3.4              | Additional wheels (dimensions)                             |       |      | Φ60 x35               | Φ114 x60              | Φ127 x57              |
| 3.5              | Wheels number, front/rear (x= driven wheels)               |       |      | 1x -2/4               | 1x +2/4               | 1x +2/2               |
| 3.6              | Tread, front   | b10   | mm   | 195                   | 476                   | 510                   |
| 3.7              | Tread, rear  | b11   | mm   | 80/ 74                | 400                   | 340/ 370/ 470/ 505    |
| Dimension        |  |       |      |                       |                       |                       |
| 4.4              | Lift height  | h5    | mm   | 105/ 115              | 120                   | 120                   |
| 4.9              | Min./Max. height of operation handle, in driving position  | h14   | mm   | 950/ 1310             | 780/ 1230             | 780/ 1230             |
| 4.15             | Height, lowered  | h13   | mm   | 85/ 75                | 84                    | 82                    |
| 4.19             | Overall length   | l1    | mm   | 1525/ 1595            | 1651                  | 1655/ 1705/ 1775      |
| 4.20             | Length to fork face  | l2    | mm   | 373                   | 500                   | 555                   |
| 4.21             | Overall width of truck body                                | b1    | mm   | 685                   | 682                   | 775                   |
| 4.22             | Fork dimension   | s/e/l | mm   | 53 x 160 x 1150       | 54 x 150 x 1150       | 54 x 180 x 1150       |
| 4.25             | Overall width of fork                                      | b5    | mm   | 520/ 550/ 685         | 550                   | 520/ 550/ 650/ 685    |
| 4.32             | Wheelbase ground distance                                  | m2    | mm   | 32/ 22                | 28                    | 28                    |
| 4.33             | Aisle width, with pallet 1000 x 1200 crosswise             | Ast   | mm   | 1725/ 1795            | 1863                  | 2015/ 2065/ 2135      |
| 4.34             | Aisle width, with pallet 800 x 1200 lengthwise             | Ast   | mm   | 1775/ 1795            | 1913                  | 2115/ 2115/ 2135      |
| 4.35             | Turning radius   | Wa    | mm   | 1347/ 1415            | 1367                  | 1400/ 1450/ 1520      |
| Performance Data |  |       |      |                       |                       |                       |
| 5.1              | traveling speed, loaded/unloaded                           |       | km/h | 5.3/ 5.8              | 6/ 6                  | 5.5/ 5.6              |
| 5.2              | Lifting speed, loaded/unloaded                             |       | m/s  | 0.035/ 0.045          | 0.06/ 0.11            | 0.039/ 0.056          |
| 5.3              | Lowering speed, loaded/unloaded                            |       | m/s  | 0.08/ 0.037           | 0.12/ 0.13            | 0.064/ 0.050          |
| 5.7              | Gradeability, loaded/unloaded                              |       | %    | 5/ 15                 | 8/ 20                 | 6/ 12                 |
| 5.10             | traveling brake  |       |      | electromagnetic brake | electromagnetic brake | electromagnetic brake |
| Motor            |  |       |      |                       |                       |                       |
| 6.1              | Driving motor power  |       | kW   | 0.9                   | 1.2                   | 1.2                   |
| 6.2              | Lifting motor power  |       | kW   | 0.8                   | 1.2                   | 1.2                   |
| 6.4              | Battery voltage/rated capacity                             |       | V/Ah | 24/ 80                | 24/ 160               | 24/ 210               |
| 6.5              | Battery weight   |       | kg   | 49                    | 160                   | 170                   |



Conforms to EN ISO3691-1:2012  
EN1175-1:1998/A1:2010  
EN16307-1:2013

- \* Standard and optional equipment may vary per country. Contact your Hyundai dealer for more information.
- \* The photos may include attachments and optional equipment that are not available in your area.
- \* Materials and specifications are subject to change without advance notice.
- \* All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

