




# ES15-15ES

## ELECTRIC STACKER 1.5T

 1500 kg
  4165 mm
  24 V AGM



The ES15-15ES is ideal for small-to-medium warehouses, retail backrooms, and light manufacturing facilities requiring efficient pallet stacking. Thanks to its compact chassis (800 mm width) and tight turning radius of 1500 mm, it performs exceptionally in narrow aisles. Safety features such as emergency reverse button, anti-rolling back brake, and automatic lowering switch enhance safe operation, while crawl speed ensures precision in confined areas.

| SPECIFICATION               | REF       | UNIT | VALUE       |
|-----------------------------|-----------|------|-------------|
| Battery type                |           |      | AGM         |
| Battery nominal capacity K5 |           | Ah   | 125         |
| Battery voltage             |           | V    | 24          |
| Rated capacity              | Q         | kg   | 1500        |
| Load centre distance        | c         | mm   | 600         |
| Service weight              |           | kg   | 755         |
| Height, mast lowered        | $h_1$     | mm   | 2128        |
| Lift                        | $h_3$     | mm   | 3227        |
| Height, mast extended       | $h_4$     | mm   | 3743        |
| Overall length              | $l_1$     | mm   | 1740        |
| Overall width               | $b_1/b_2$ | mm   | 800         |
| Length to face of forks     | $l_2$     | mm   | 575         |
| Fork dimensions             | s/e/l     | mm   | 60x170x1150 |
| Turning radius              | Wa        | mm   | 1500        |
| Manufacturer                |           |      | EP          |
| Model designation           |           |      | ES15-15ES   |

# Features

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## Powerful and reliable AC system

The innovative AC drive provides accurate control, strong power, and smooth performance. Combined with a durable hydraulic system and high-quality components, it ensures reliable uptime in daily warehouse operations.



## Compact chassis with tight turning radius

At only 800 mm wide, the ES15-15ES is designed for narrow aisles and confined workspaces. Its 1500 mm turning radius makes it agile and efficient even in dense warehouse layouts.

## Maintenance-free energy solution

Equipped with a 24V/125Ah maintenance-free battery and onboard 15A charger, the ES15-15ES allows convenient charging without the need for external equipment, reducing downtime and operating costs.





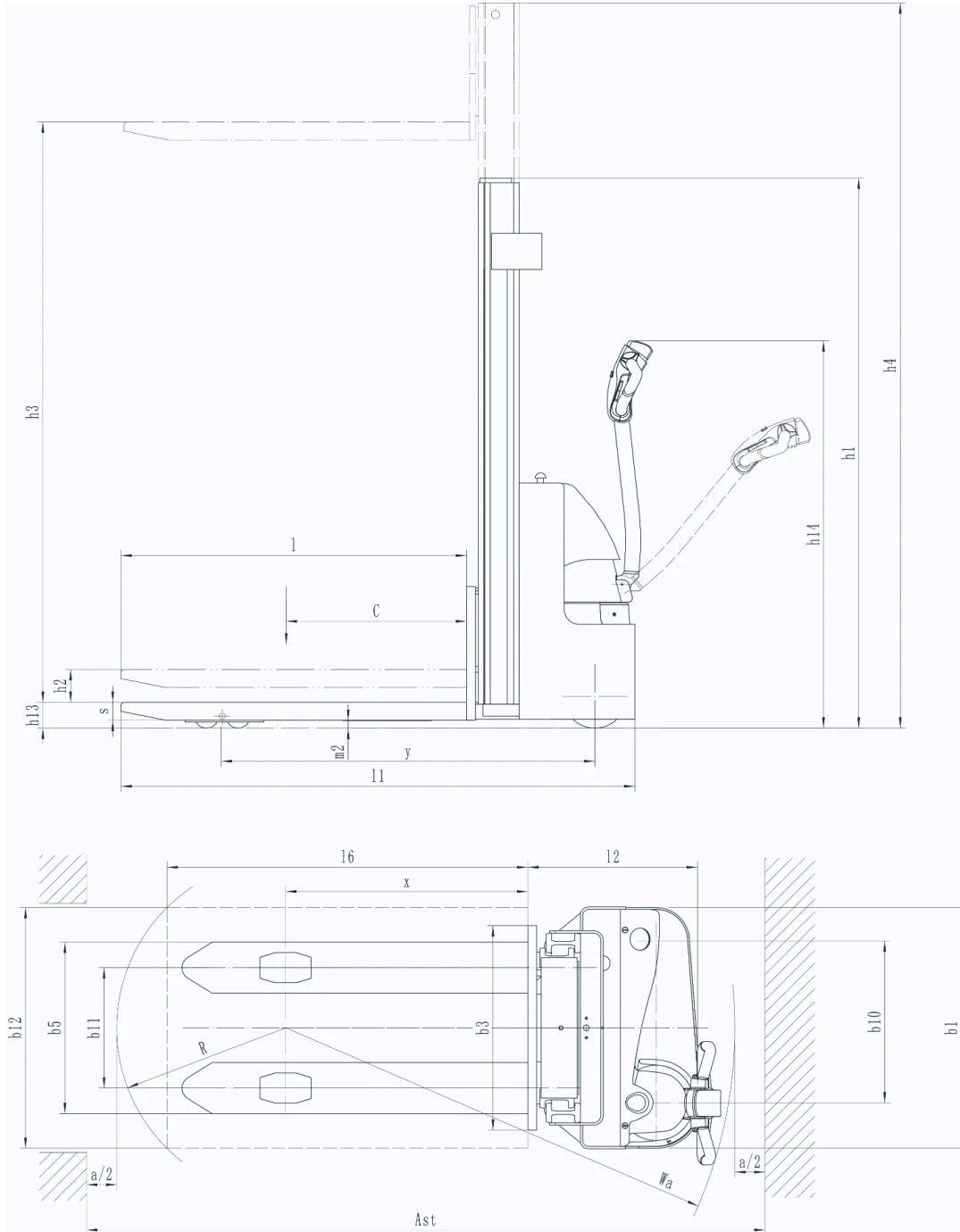
## Operator-focused safety and comfort

Features such as the emergency reverse button, anti-rollback brake, and automatic lowering switch enhance safety. The ergonomic tiller and side visibility improve operator comfort and precision during use.

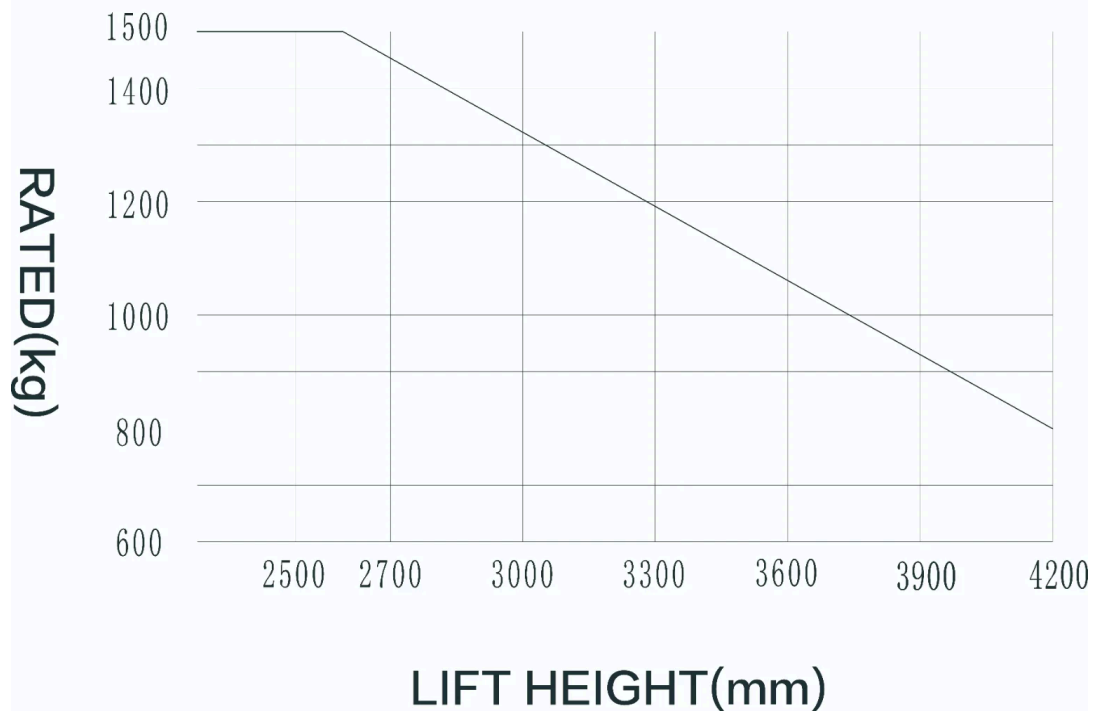
## VDI Chart

|      | SPECIFICATION                                | REF             | UNIT | VALUE      |
|------|--|-----------------|------|------------|
| 1.1  | Manufacturer                                 |                 |      | EP         |
| 1.2  | Model designation                            |                 |      | ES15-15ES  |
| 1.3  | Drive  |                 |      | Electric   |
| 1.4  | Operator type                                |                 |      | Pedestrian |
| 1.5  | Rated capacity                               | Q               | kg   | 1500       |
| 1.6  | Load centre distance                         | c               | mm   | 600        |
| 1.8  | Load distance, centre of drive axle to fork  | x               | mm   | 805        |
| 1.9  | Wheelbase                                    | y               | mm   | 1240       |
| 2.1  | Service weight                               |                 | kg   | 755        |
| 2.2  | Axle loading, laden front/rear               |                 | kg   | 805/1450   |
| 2.3  | Axle loading, unladen front/rear             |                 | kg   | 545/210    |
| 3.1  | Tyres  |                 |      | PU/PU      |
| 3.2  | Tyre size, front                             |                 | mm   | Φ230×75    |
| 3.3  | Tyre size, rear                              |                 | mm   | Φ80×60     |
| 3.4  | Additional wheels (castor wheels)            |                 | mm   | Φ130×55    |
| 3.5  | Wheels, number front/rear (x=drive wheels)   |                 |      | 1x +2/4    |
| 3.6  | Tread width, front                           | b <sub>10</sub> | mm   | 538        |
| 3.7  | Tread width, rear                            | b <sub>11</sub> | mm   | 400        |
| 4.2  | Height, mast lowered                         | h <sub>1</sub>  | mm   | 2128       |
| 4.4  | Lift   | h <sub>3</sub>  | mm   | 3227       |
| 4.5  | Height, mast extended                        | h <sub>4</sub>  | mm   | 3743       |
| 4.9  | Height drawbar in driving position min./max. | h <sub>14</sub> | mm   | 1150/1480  |
| 4.15 | Height, lowered                              | h <sub>13</sub> | mm   | 88         |
| 4.19 | Overall length                               | l <sub>1</sub>  | mm   | 1740       |

| SPECIFICATION |   | REF       | UNIT  | VALUE           |
|---------------|---|-----------|-------|-----------------|
| 4.20          | Length to face of forks                       | $l_2$     | mm    | 575             |
| 4.21          | Overall width                                 | $b_1/b_2$ | mm    | 800             |
| 4.22          | Fork dimensions                               | s/e/l     | mm    | 60x170x1150     |
| 4.24          | Fork carriage width                           |           | mm    | 680             |
| 4.25          | Distance between fork-arms                    | $b_5$     | mm    | 570             |
| 4.32          | Ground clearance, centre of wheelbase         | $m_2$     | mm    | 28              |
| 4.34.1        | Aisle width for pallets 1000×1200 crossways   | Ast       | mm    | 2340            |
| 4.34.2        | Aisle width for pallets 800 × 1200 lengthways | Ast       | mm    | 2260            |
| 4.35          | Turning radius                                | Wa        | mm    | 1500            |
| 5.1           | Travel speed, laden/unladen                   |           | km/h  | 5/5             |
| 5.2           | Lift speed, laden/unladen                     |           | m/s   | 0.13/0.2        |
| 5.3           | Lowering speed, laden/unladen                 |           | m/s   | 0.13/0.13       |
| 5.8           | Max. gradeability, laden/unladen              |           | %     | 8/16            |
| 5.10          | Service brake                                 |           |       | Electromagnetic |
| 6.1           | Drive motor rating S2 60 min                  |           | kW    | 1.27            |
| 6.2           | Lift motor rating at S3 15%                   |           | kW    | 3               |
| 6.4           | Battery nominal capacity K5                   |           | Ah    | 125             |
| 6.4           | Battery voltage                               |           | V     | 24              |
| 6.4.1         | Battery type                                  |           |       | AGM             |
| 6.5           | Battery weight                                |           | kg    | 60              |
| 8.1           | Type of drive unit                            |           |       | AC              |
| 10.5          | Steering design                               |           |       | Mechanical      |
| 10.7          | Sound pressure level at the driver's seat     |           | dB(A) | 74              |



# RATED CAPACITIES GRAPH



## Mast Options

| MAST TYPE       | LIFT HEIGHT (H3, MM) | MAST LOWERED HEIGHT (H1, MM) | MAST EXTENDED HEIGHT, NO BACKREST (H4, MM) |
|-----------------|----------------------|------------------------------|--|
| 2-Standard Mast | 2515                 | 1728                         | 2943                                       |
| 2-Standard Mast | 2715                 | 1828                         | 3143                                       |
| 2-Standard Mast | 3015                 | 1978                         | 3443                                       |
| 2-Standard Mast | 3315                 | 2128                         | 3743                                       |
| 2-Standard Mast | 3615                 | 2278                         | 4043                                       |
| 2-Standard Mast | 4015                 | 2478                         | 4443                                       |
| 2-Standard Mast | 4165                 | 2553                         | 4593                                       |

## Options

| ITEM           | OPTIONS (optional items marked in yellow)                       |
|----------------|---|
| Fork dimension | 570*1150   570*1000   570*1220   685*1000   685*1150   685*1220 |

| ITEM                            | OPTIONS (optional items marked in yellow) |
|---------------------------------|---|
| Fork carriage width option      | 680mm   780mm                             |
| Load wheel type                 | Double                                    |
| Load wheel material             | PU  |
| Drive wheel material            | PU  |
| Battery capacity                | 125Ah                                     |
| Charger                         | 24V-15A Internal                          |
| Battery display indicator (BDI) | With time                                 |
| Handle head type                | Hands big handle head                     |
| Castor wheels                   | Yes and not customized                    |