



ES10-10ES/ES10-22DM  
ES10-10MM/ES10-22MM  
ES12-12ES/ES12-25DM  
ES12-12MM/ES12-25MM  
Electric Stacker 1.0/1.2t

- Electric Stacker With Smallest Working Space Needed
- Innovative Design of Low Energy Consumption and High Reliability
- Long & Aside Tiller Design Makes Operations Safe and Convenient

EP EQUIPMENT CO.,LTD  
[www.ep-ep.com](http://www.ep-ep.com)



## FEATURE

### Performance

- Robust Structure;
- Highly specialized drive and hydraulic system ensure excellent driving performance and high reliability.
- Low-noise and durable hydraulic unit, high quality cylinder as well as hose ensure high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of components.
- Straddle Chassis option offers stability of high stack operation.



### Safety

- Safety hydraulic design prevents mast from falling down abruptly when oil pipes cut off.
- Belly button prevents truck from hitting operator.
- By simply pressing emergency disconnect, power supply will be immediately interrupted.
- Multi lifting limited switch ensures travel safety.
- Truck automatically switches to low speed mode, when lifting height is higher than setting height.
- Anti-rolling back braking device ensures trucks don't roll back on ramps.

### Operation

- Ergonomic tiller head for effortless and comfortable operations.
- Tiller with long arm for smooth steering.
- Compact chassis design offers smallest turning radius needed.
- Side operating ensures excellent visibility.
- On-board Charger.

### Maintenance

- Maintenance-free Battery.
- Battery display indicator with hour meter, reminds operator of charging on time (optional).
- Easy Maintenance — detachable rear panel.
- Self-Diagnostics signal on the digital display allows easy trouble-shooting.
- Easy Access of Hand Set.
- Low-voltage Cut-off Protection.

# Electric Stacker 1.0t

## ES10-10ES/ES10-22DM/ES10-10MM/ES10-22MM

| Distinguishing mark |                                                         |                                 |            |                 |                 |                       |
|---------------------|---------------------------------------------------------|---------------------------------|------------|-----------------|-----------------|-----------------------|
| 1.1                 | Manufacturer                                            |                                 | EP         | EP              | EP              | EP                    |
| 1.2                 | Model designation                                       |                                 | ES10-10ES  | ES10-10MM       | ES10-22DM       | ES10-22MM             |
| 1.3                 | Drive unit                                              |                                 | Electrics  | Electrics       | Electrics       | Electrics             |
| 1.4                 | Operator type                                           |                                 | pedestrian | pedestrian      | pedestrian      | pedestrian            |
| 1.5                 | rated capacity                                          | Q                               | kg         | 1000            | 1000            | 1000                  |
| 1.6                 | Load center distance                                    | c                               | mm         | 600             | 600             | 600                   |
| 1.8                 | Load distance, centre of drive axle to fork             | x                               | mm         | 795             | 805             | 845                   |
| 1.9                 | Wheelbase                                               | y                               | mm         | 1240            | 1126            | 1290                  |
| 1.9                 | Wheelbase                                               | y                               | mm         | 1240            | 1126            | 1290                  |
| 1.9                 | Wheelbase                                               | y                               | mm         | 1240            | 1126            | 1290                  |
| Weight              |                                                         |                                 |            |                 |                 |                       |
| 2.1                 | Service weight (include battery)                        |                                 | kg         | 540             | 462             | 625                   |
| 2.2                 | Axle loading, laden driving side/loading side           |                                 | kg         | 640/852         | 641/821         | 720/905               |
| 2.3                 | Axle loading, unladen driving side/loading side         |                                 | kg         | 419/121         | 343/119         | 497/128               |
| 2.3                 | Axle loading, unladen driving side/loading side         |                                 | kg         | 419/121         | 343/119         | 497/128               |
| 2.3                 | Axle loading, unladen driving side/loading side         |                                 | kg         | 419/121         | 343/119         | 497/128               |
| Types,Chassis       |                                                         |                                 |            |                 |                 |                       |
| 3.1                 | Tyre type Driving wheels/Loading wheels                 |                                 | PU/PU      | PU/PU           | PU/PU           | PU/PU                 |
| 3.2                 | Tyre size, driving wheels (diameter×width)              |                                 | mm         | Ø210×70         | Ø210×70         | Ø210×70               |
| 3.3                 | Tyre size, loading wheels (diameter×width)              |                                 | mm         | Ø80×60          | Ø80×60          | Ø100×50               |
| 3.4                 | Tyre size, caster wheels (diameter×width)               |                                 | mm         | Ø130×55         | Ø130×55         | Ø100×50               |
| 3.5                 | Wheels, number driving, caster/loading (x=drive wheels) |                                 | mm         | 1x +1/4         | 1x+ 1/ 4        | 1x+ 1/ 4              |
| 3.6                 | Track width, front,driving side                         | b <sub>10</sub>                 | mm         | 533             | 533             | 533                   |
| 3.7                 | Track width,rear,loading side                           | b <sub>11</sub>                 | mm         | 400             | 380             | 1060/1160/ 1260 /1360 |
| 3.7                 | Track width,rear,loading side                           | b <sub>11</sub>                 | mm         | 400             | 380             | 1060/1160/ 1260 /1360 |
| 3.7                 | Track width,rear,loading side                           | b <sub>11</sub>                 | mm         | 400             | 380             | 1060/1160/ 1260 /1360 |
| Dimensions          |                                                         |                                 |            |                 |                 |                       |
| 4.1                 | Tilt of mast/fork carriage forward/backward             | α/ β                            | °          |                 |                 |                       |
| 4.2                 | Height, mast lowered                                    | h <sub>1</sub>                  | mm         | 2026            | 1940            | 2053                  |
| 4.3                 | Free lift                                               | h <sub>2</sub>                  | mm         |                 | 1505            | 1407                  |
| 4.4                 | Lift height                                             | h <sub>3</sub>                  | mm         | 2930            | 1520            | 2930                  |
| 4.5                 | Height, mast extended                                   | h <sub>4</sub>                  | mm         | 3487            | 1971            | 3895                  |
| 4.6                 | Initial lift                                            | h <sub>5</sub>                  | mm         |                 |                 | 2053                  |
| 4.9                 | Height drawbar in driving position min./max.            | h <sub>14</sub>                 | mm         | 860/ 1200       | 860/ 1200       | 860/ 1200             |
| 4.10                | Height of wheel arms                                    | h <sub>8</sub>                  | mm         |                 |                 | 100                   |
| 4.15                | Lowered height                                          | h <sub>13</sub>                 | mm         | 88              | 88              | 60                    |
| 4.19                | Overall length                                          | l <sub>1</sub>                  | mm         | 1740            | 1615            | 1650                  |
| 4.20                | Length to face of forks                                 | l <sub>2</sub>                  | mm         | 590             | 465             | 580                   |
| 4.21                | Overall width                                           | b <sub>1</sub> / b <sub>2</sub> | mm         | 800             | 800             | 1135/1235/ 1335 /1435 |
| 4.22                | Fork dimensions                                         | s/ e/ l                         | mm         | 55/160/1150     | 60/ 170/ 1150   | 35/ 100/ 1070         |
| 4.24                | Fork carriage width                                     | b <sub>3</sub>                  | mm         | 600             | 680             | 800                   |
| 4.25                | Outside width of the forks                              | b <sub>5</sub>                  | mm         | 560             | 550             | 200~765               |
| 4.26                | Distance between wheel arms                             | b <sub>4</sub>                  | mm         |                 |                 | 100                   |
| 4.31                | Ground clearance, laden, below mast                     | m <sub>1</sub>                  | mm         |                 |                 |                       |
| 4.32                | Ground clearance, center of wheelbase                   | m <sub>2</sub>                  | mm         | 30              | 30              | 40                    |
| 4.34.1              | Aisle width for pallets 1000 × 1200 crossways           | Ast                             | mm         | 2225            | 2137            | 2255                  |
| 4.34.2              | Aisle width for pallets 800 × 1200 lengthways           | Ast                             | mm         | 2150            | 2062            | 2180                  |
| 4.35                | Turning radius                                          | Wa                              | mm         | 1408            | 1295            | 1404                  |
| Performance data    |                                                         |                                 |            |                 |                 |                       |
| 5.1                 | Travel speed, laden/ unladen                            |                                 | km/ h      | 4/4.5           | 4/4.5           | 4/4.5                 |
| 5.2                 | Lifting speed, laden/ unladen                           |                                 | m/ s       | 0.12/0.22       | 0.12/ 0.22      | 0.12/ 0.22            |
| 5.3                 | Lowering speed, laden/ unladen                          |                                 | m/ s       | 0.12/0.11       | 0.12/ 0.11      | 0.12/ 0.11            |
| 5.8                 | Max. gradeability, laden/unladen                        |                                 | %          | 3/10            | 3/ 10           | 3/10                  |
| 5.10                | Service brake type                                      |                                 |            | Electromagnetic | Electromagnetic | Electromagnetic       |
| Electric engine     |                                                         |                                 |            |                 |                 |                       |
| 6.1                 | Drive motor rating S2 60 min                            |                                 | kW         | 0.65            | 0.65            | 0.65                  |
| 6.2                 | Lift motor rating at S3 15%                             |                                 | kW         | 2.2             | 2.2             | 2.2                   |
| 6.3                 | The maximum allowed size battery                        |                                 | mm         | 325x180x230     | 270x180x230     | 325x180x230           |
| 6.4                 | Battery voltage/nominal capacity K20                    |                                 | V/ Ah      | 2x12/105        | 2x12/85         | 2x12/105              |
| 6.5                 | Battery weight                                          |                                 | kg         | 2x30            | 2x25            | 2x30                  |
| Addition data       |                                                         |                                 |            |                 |                 |                       |
| 8.1                 | Type of drive unit                                      |                                 |            | DC              | DC              | DC                    |
| 10.5                | Steering type                                           |                                 |            | Mechanical      | Mechanical      | Mechanical            |
| 10.7                | Sound pressure level at the driver's ear                |                                 | dB(A)      | 74              | 74              | 74                    |

- 1.The parameters in the table are of the standard model. For more information, please contact us.
- 2.The parameters are subject to change without notice.

# Electric Stacker 1.2t

ES12-12ES/ES12-25DM/ES12-12MM/ES12-25MM

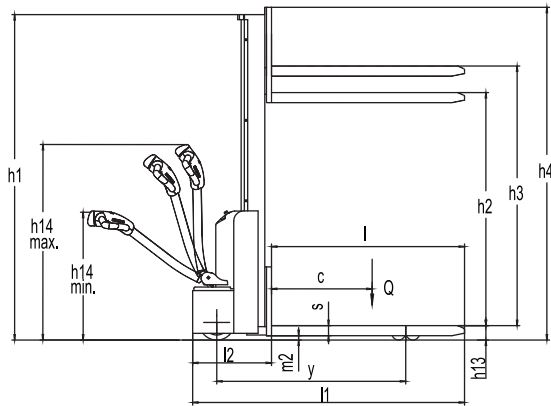
| Distinguishing mark |                                                         |                                 |       |                 |                 |                       |                       |
|---------------------|---------------------------------------------------------|---------------------------------|-------|-----------------|-----------------|-----------------------|-----------------------|
| 1.1                 | Manufacturer                                            |                                 |       | EP              | EP              | EP                    | EP                    |
| 1.2                 | Model designation                                       |                                 |       | ES12-12ES       | ES12-12MM       | ES12-25DM             | ES12-25MM             |
| 1.3                 | Drive unit                                              |                                 |       | electrics       | electrics       | electrics             | electrics             |
| 1.4                 | Operator type                                           |                                 |       | pedestrian      | pedestrian      | pedestrian            | pedestrian            |
| 1.5                 | rated capacity                                          | Q                               | kg    | 1200            | 1200            | 1200                  | 1200                  |
| 1.6                 | Load center distance                                    | c                               | mm    | 600             | 600             | 600                   | 600                   |
| 1.8                 | Load distance, centre of drive axle to fork             | x                               | mm    | 795             | 805             | 845                   | 850                   |
| 1.9                 | Wheelbase                                               | y                               | mm    | 1240            | 1126            | 1290                  | 1210                  |
| Weight              |                                                         |                                 |       |                 |                 |                       |                       |
| 2.1                 | Service weight (include battery)                        |                                 | kg    | 661             | 462             | 676                   | 543                   |
| 2.2                 | Axle loading, laden driving side/loading side           |                                 | kg    | 845/1016        | 741/921         | 837/1039              | 783/960               |
| 2.3                 | Axle loading, unladen driving side/loading side         |                                 | kg    | 536/125         | 343/119         | 549 / 127             | 420 / 123             |
| Types,Chassis       |                                                         |                                 |       |                 |                 |                       |                       |
| 3.1                 | Tyre type Driving wheels/Loading wheels                 |                                 |       | PU/ PU          | PU/ PU          | PU/ PU                | PU/ PU                |
| 3.2                 | Tyre size, driving wheels (diameter×width)              |                                 | mm    | Ø210×70         | Ø210×70         | Ø210×70               | Ø210×70               |
| 3.3                 | Tyre size, loading wheels (diameter×width)              |                                 | mm    | Ø80×60          | Ø80×60          | Ø100×50               | Ø100×50               |
| 3.4                 | Tyre size, caster wheels (diameter×width)               |                                 | mm    | Ø130×55         | Ø130×55         | Ø100×50               | Ø100×50               |
| 3.5                 | Wheels, number driving, caster/loading (x=drive wheels) |                                 | mm    | 1x +1/4         | 1x+ 1/ 4        | 1x +1/4               | 1x+ 1/ 4              |
| 3.6                 | Track width, front,driving side                         | b <sub>10</sub>                 | mm    | 533             | 533             | 533                   | 533                   |
| 3.7                 | Track width,rear,loading side                           | b <sub>11</sub>                 | mm    | 400             | 380             | 1060/1160/ 1260 /1360 | 1060/1160/ 1260 /1360 |
| Dimensions          |                                                         |                                 |       |                 |                 |                       |                       |
| 4.1                 | Tilt of mast/fork carriage forward/backward             | α/ β                            | °     |                 |                 |                       |                       |
| 4.2                 | Height, mast lowered                                    | h <sub>1</sub>                  | mm    | 2056            | 1940            | 2086                  | 1940                  |
| 4.3                 | Free lift                                               | h <sub>2</sub>                  | mm    |                 | 1505            |                       | 1407                  |
| 4.4                 | Lift height                                             | h <sub>3</sub>                  | mm    | 2930            | 1520            | 2930                  | 1520                  |
| 4.5                 | Height, mast extended                                   | h <sub>4</sub>                  | mm    | 3487            | 1971            | 3895                  | 2053                  |
| 4.6                 | Initial lift                                            | h <sub>5</sub>                  | mm    |                 |                 |                       |                       |
| 4.9                 | Height drawbar in driving position min./max.            | h <sub>14</sub>                 | mm    | 860/ 1200       | 860/ 1200       | 860/ 1200             | 860/ 1200             |
| 4.10                | Height of wheel arms                                    | h <sub>8</sub>                  | mm    |                 |                 |                       | 100                   |
| 4.15                | Lowered height                                          | h <sub>13</sub>                 | mm    | 88              | 88              | 60                    | 60                    |
| 4.19                | Overall length                                          | l <sub>1</sub>                  | mm    | 1740            | 1615            | 1650                  | 1570                  |
| 4.20                | Length to face of forks                                 | l <sub>2</sub>                  | mm    | 590             | 465             | 580                   | 500                   |
| 4.21                | Overall width                                           | b <sub>1</sub> / b <sub>2</sub> | mm    | 800             | 800             | 1135/1235/ 1335 /1435 | 1135/1235/ 1335 /1435 |
| 4.22                | Fork dimensions                                         | s/ e/ l                         | mm    | 60/ 170/ 1150   | 60/ 170/ 1150   | 35/ 100/ 1070         | 35/ 100/ 1070         |
| 4.24                | Fork carriage width                                     | b <sub>3</sub>                  | mm    | 680             | 680             | 800                   | 780                   |
| 4.25                | Outside width of the forks                              | b <sub>5</sub>                  | mm    | 570             | 550             | 200~765               | 200~765               |
| 4.26                | Distance between wheel arms                             | b <sub>4</sub>                  | mm    |                 |                 | 100                   | 100                   |
| 4.31                | Ground clearance, laden, below mast                     | m <sub>1</sub>                  | mm    |                 |                 |                       |                       |
| 4.32                | Ground clearance, center of wheelbase                   | m <sub>2</sub>                  | mm    | 30              | 30              | 40                    | 40                    |
| 4.34.1              | Aisle width for pallets 1000 × 1200 crossways           | Ast                             | mm    | 2225            | 2137            | 2255                  | 2175                  |
| 4.34.2              | Aisle width for pallets 800 × 1200 lengthways           | Ast                             | mm    | 2150            | 2062            | 2180                  | 2100                  |
| 4.35                | Turning radius                                          | Wa                              | mm    | 1408            | 1295            | 1404                  | 1329                  |
| Performance data    |                                                         |                                 |       |                 |                 |                       |                       |
| 5.1                 | Travel speed, laden/ unladen                            |                                 | km/ h | 4/4.5           | 4/4.5           | 4/4.5                 | 4/4.5                 |
| 5.2                 | Lifting speed, laden/ unladen                           |                                 | m/ s  | 0.12/0.22       | 0.12/ 0.22      | 0.12/0.22             | 0.12/ 0.22            |
| 5.3                 | Lowering speed, laden/ unladen                          |                                 | m/ s  | 0.12/0.11       | 0.12/ 0.11      | 0.12/0.11             | 0.12/ 0.11            |
| 5.8                 | Max. gradeability, laden/unladen                        |                                 | %     | 3/10            | 3/ 10           | 3/10                  | 3/ 10                 |
| 5.10                | Service brake type                                      |                                 |       | Electromagnetic | Electromagnetic | Electromagnetic       | Electromagnetic       |
| Electric-engine     |                                                         |                                 |       |                 |                 |                       |                       |
| 6.1                 | Drive motor rating S2 60 min                            |                                 | kW    | 0.65            | 0.65            | 0.65                  | 0.65                  |
| 6.2                 | Lift motor rating at S3 15%                             |                                 | kW    | 2.2             | 2.2             | 2.2                   | 2.2                   |
| 6.3                 | The maximum allowed size battery                        |                                 | mm    | 325x180x230     | 270x180x230     | 325x180x230           | 270x180x230           |
| 6.4                 | Battery voltage/nominal capacity K20                    |                                 | V/ Ah | 2x12/105        | 2x12/85         | 2x12/105              | 2x12/85               |
| 6.5                 | Battery weight                                          |                                 | kg    | 2x30            | 2x25            | 2x30                  | 2x25                  |
| Addition data       |                                                         |                                 |       |                 |                 |                       |                       |
| 8.1                 | Type of drive unit                                      |                                 |       | DC              | DC              | DC                    | DC                    |
| 10.5                | Steering type                                           |                                 |       | Mechanical      | Mechanical      | Mechanical            | Mechanical            |
| 10.7                | Sound pressure level at the driver's ear                |                                 | dB(A) | 74              | 74              | 74                    | 74                    |

1.The parameters in the table are of the standard model. For more information, please contact us.

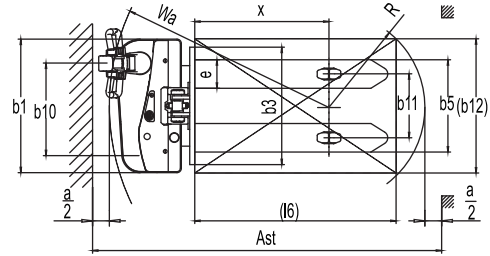
2.The parameters are subject to change without notice.



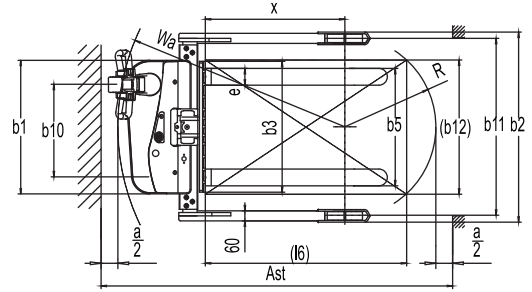
ES10-10MM/ES10-22MM/ES12-12MM/ES12-25MM



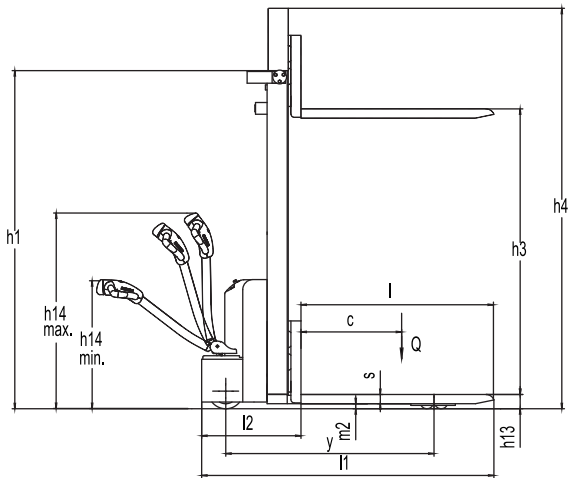
ES10-10MM/ES12-12MM



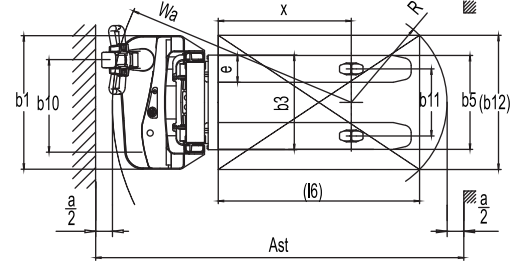
ES10-22MM/ES12-25MM



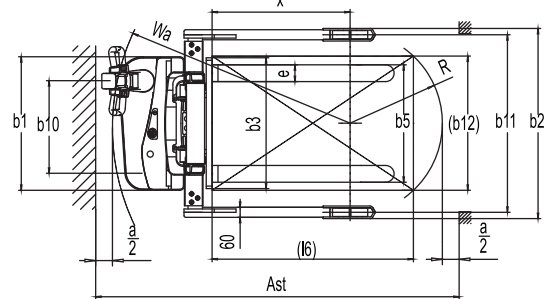
ES10-10ES/ES10-22DM/ES12-12ES/ES12-25DM



ES10-10ES/ES12-12ES



ES10-22DM/ES12-25DM



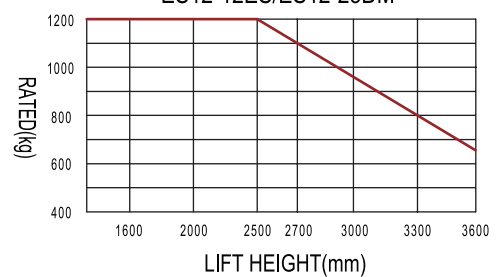
RATED CAPACITIES GRAPH

ES10-10MM/ES10-22MM  
ES10-10ES/ES10-22DM



RATED CAPACITIES GRAPH

ES12-12MM/ES12-25MM  
ES12-12ES/ES12-25DM



## Mast Option

### ES10-10ES

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 2515             | 1772                        | —                 | 2987                         |
|            | 2715             | 1872                        | —                 | 3187                         |
|            | 3015             | 2022                        | —                 | 3487                         |
|            | 3315             | 2172                        | —                 | 3787                         |

### ES12-12ES

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 1205             | 1575                        | 1120              | 1575                         |
|            | 1405             | 1775                        | 1320              | 1775                         |
|            | 1605             | 1975                        | 1520              | 1975                         |
|            | 1705             | 2075                        | 1705              | 2075                         |
|            | 2515             | 1802                        | —                 | 3021                         |
|            | 2715             | 1902                        | —                 | 3221                         |
|            | 3015             | 2052                        | —                 | 3521                         |
|            | 3315             | 2202                        | —                 | 3821                         |
|            | 3615             | 2352                        | —                 | 4121                         |

### ES10-10MM

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 1605             | 1940                        | 1505              | 1955                         |
|            | 1955             | 2290                        | 1855              | 2305                         |

### ES12-12MM

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 1605             | 1940                        | 1505              | 1955                         |
|            | 1955             | 2290                        | 1855              | 2305                         |

### ES10-22MM

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 1560             | 1940                        | 1387              | 2053                         |
|            | 1910             | 2290                        | 1737              | 2403                         |

### ES12-25MM

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 1560             | 1940                        | 1387              | 2053                         |
|            | 1910             | 2290                        | 1737              | 2403                         |

### ES10-22DM

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 2470             | 1803                        | —                 | 3395                         |
|            | 2670             | 1903                        | —                 | 3595                         |
|            | 2970             | 2053                        | —                 | 3895                         |
|            | 3270             | 2203                        | —                 | 4195                         |

### ES12-25DM

| mast types | Lift h3+h13 (mm) | Lowered mast height h1 (mm) | Free lift h2 (mm) | Extended mast height h4 (mm) |
|------------|------------------|-----------------------------|-------------------|------------------------------|
| Duplex ZT  | 1160             | 1600                        | 1110              | 1600                         |
|            | 1360             | 1800                        | 1310              | 1800                         |
|            | 1560             | 2000                        | 1510              | 2000                         |
|            | 1660             | 2100                        | 1610              | 2100                         |
|            | 2470             | 1833                        | —                 | 3395                         |
|            | 2670             | 1933                        | —                 | 3595                         |
|            | 2970             | 2083                        | —                 | 3895                         |
|            | 3270             | 2233                        | —                 | 4195                         |
|            | 3570             | 2383                        | —                 | 4495                         |

## Option

| Options                           | ES10-10ES              | ES12-12ES              |
|-----------------------------------|------------------------|------------------------|
| Fork width                        | ○685mm/600mm           | ○685mm/600mm           |
| Battery capacity                  | ○85AH/105AH /120AH     | ○85AH /105AH /120AH    |
| Special backrest                  | —                      | —                      |
| Battery indicator with hour meter | ○                      | ○                      |
| Driving wheel                     | ○PU wheel with Pattern | ○PU wheel with Pattern |
| half speed function in turning    | —                      | —                      |
| Mast screen                       | ●organic glass         | ●organic glass         |
| Height limitation                 | ○                      | ○                      |
| Note: ● standard ○ option — NA    |                        |                        |

| Options                           | ES10-10MM              | ES12-12MM              |
|-----------------------------------|------------------------|------------------------|
| Fork width                        | ○685mm/600mm           | ○685mm/600mm           |
| Battery capacity                  | ●85AH                  | —                      |
| Special backrest                  | —                      | —                      |
| Battery indicator with hour meter | ○                      | ○                      |
| Driving wheel                     | ○PU wheel with Pattern | ○PU wheel with Pattern |
| half speed function in turning    | —                      | —                      |
| Mast screen                       | ●                      | ●                      |
| Height limitation                 | —                      | —                      |
| Note: ● standard ○ option — NA    |                        |                        |

| Options                           | ES10-22DM              | ES12-25DM              |
|-----------------------------------|------------------------|------------------------|
| Fork width                        | —                      | —                      |
| Battery capacity                  | ○85AH/105AH /120AH     | ○85AH /105AH /120AH    |
| Special backrest                  | ●                      | ●                      |
| Battery indicator with hour meter | ○                      | ○                      |
| Driving wheel                     | ○PU wheel with Pattern | ○PU wheel with Pattern |
| half speed function in turning    | —                      | —                      |
| Mast screen                       | ●organic glass         | ●organic glass         |
| Height limitation                 | ○                      | ○                      |
| Note: ● standard ○ option — NA    |                        |                        |

| Options                           | ES10-22MM              | ES12-25MM              |
|-----------------------------------|------------------------|------------------------|
| Fork width                        | —                      | —                      |
| Battery capacity                  | —                      | —                      |
| Special backrest                  | ○                      | ○                      |
| Battery indicator with hour meter | ○                      | ○                      |
| Driving wheel                     | ○PU wheel with Pattern | ○PU wheel with Pattern |
| half speed function in turning    | —                      | —                      |
| Mast screen                       | ●                      | ●                      |
| Height limitation                 | —                      | —                      |
| Note: ● standard ○ option — NA    |                        |                        |