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The product specifications provided in this document are current as of August 2026.



Rated Load Capacity  
2.0 T – 3.5 T

C Series

FE20-35C

ZOOMLION | Electric Counterbalance Forklift

Electric Counterbalance Forklift  
ZOOMLION MATERIAL HANDLING

SPECIFICATIONS

ZOOMLION

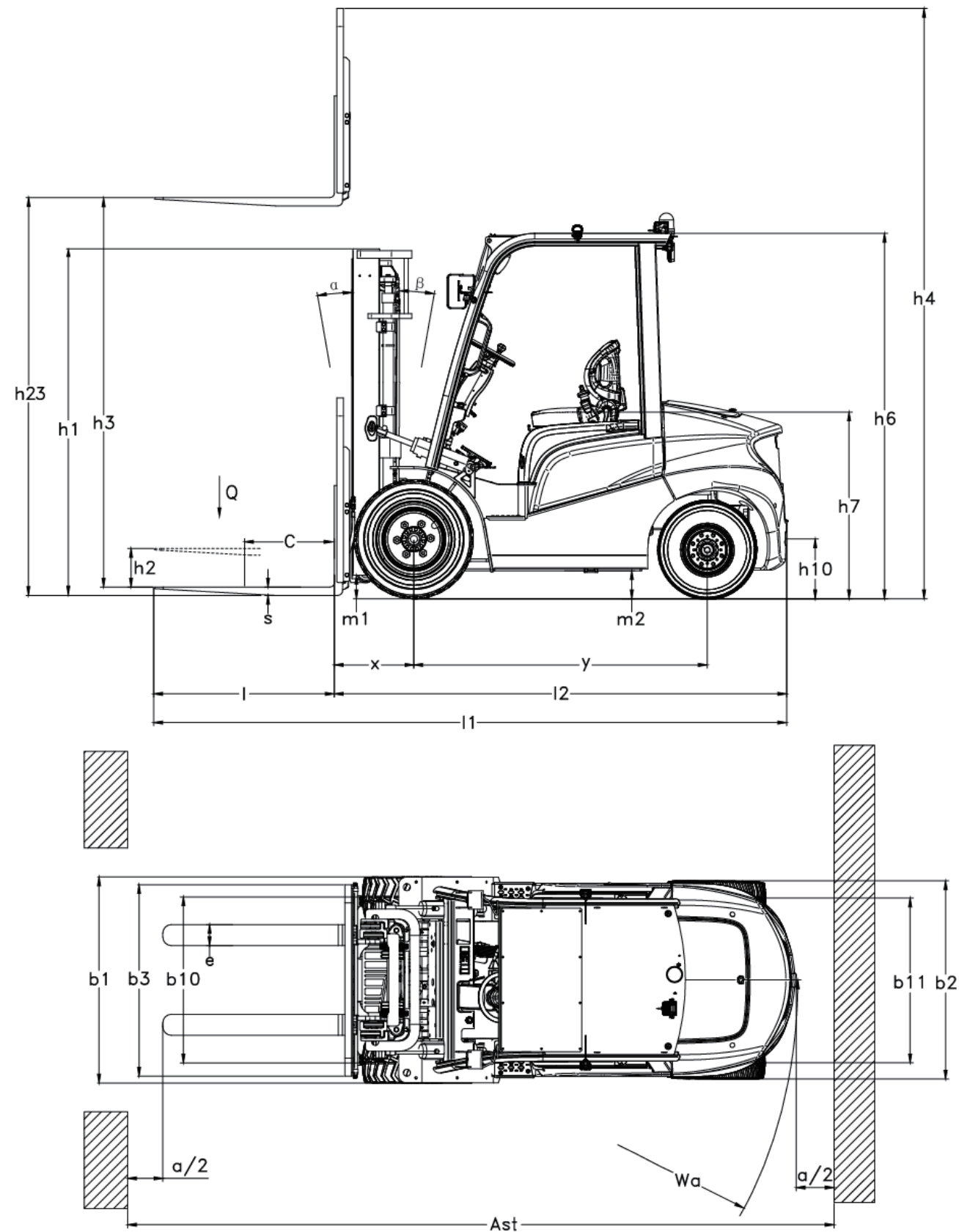
| Parameter                    |                                                                                 | Unit       | FE20C-M          | FE20C-H          | FE25C-M          | FE25C-H          | FE30C-M          | FE30C-H          | FE35C-M          | FE35C-H                      | FE30C-S          | FE35C-S          |
|------------------------------|---------------------------------------------------------------------------------|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|
| Identification               | Power type (electric, diesel, gasoline, LPG, grid power)                        | -          | Electric         | Electric         | Electric         | Electric         | Electric         | Electric         | Electric         | Electric                     | Electric         | Electric         |
|                              | Operation type (seated, stand-on)                                               | -          | Seated           | Seated           | Seated           | Seated           | Seated           | Seated           | Seated           | Seated                       | Seated           | Seated           |
|                              | Rated load capacity                                                             | Q (t)      | 2                | 2                | 2.5              | 2.5              | 3                | 3                | 3.5              | 3.5                          | 3                | 3.5              |
|                              | Load center distance                                                            | c (mm)     | 500              | 500              | 500              | 500              | 500              | 500              | 500              | 500                          | 500              | 500              |
|                              | Front overhang                                                                  | x (mm)     | 462              | 462              | 462              | 462              | 469              | 469              | 474              | 474                          | 469              | 474              |
|                              | Wheelbase                                                                       | y (mm)     | 1650             | 1650             | 1650             | 1650             | 1750             | 1750             | 1750             | 1750                         | 1750             | 1750             |
| Weight                       | Service weight                                                                  | kg         | 3497             | 3497             | 3867             | 3867             | 4390             | 4390             | 4657             | 4657                         | 4390             | 4657             |
|                              | Axle load at full load, front/rear                                              | kg         | 4922/575         | 4922/575         | 5693/673         | 5693/673         | 6527/863         | 6527/863         | 7384/773         | 7384/773                     | 6527/863         | 7384/773         |
|                              | Axle load at no load, front/rear                                                | kg         | 1756/1741        | 1756/1741        | 1736/2131        | 1736/2131        | 1843/2547        | 1843/2547        | 1909/2748        | 1909/2748                    | 1843/2547        | 1909/2748        |
| Wheels                       | Tire type                                                                       | -          | Pneumatic tire   | Pneumatic tire   | Pneumatic tire   | Pneumatic tire   | Pneumatic tire   | Pneumatic tire   | Pneumatic tire   | Front solid / rear pneumatic | Pneumatic tire   | Pneumatic tire   |
|                              | Front tire size                                                                 | -          | 7.00-12-12PR     | 7.00-12-12PR     | 7.00-12-12PR     | 7.00-12-12PR     | 28×9-15-14PR     | 28×9-15-14PR     | 28×9-15-14PR     | 28×9-15                      | 28×9-15-14PR     | 28×9-15-14PR     |
|                              | Rear tire size                                                                  | -          | 18×7-8-14PR      | 18×7-8-14PR      | 18×7-8-14PR      | 18×7-8-14PR      | 6.50-10-10PR     | 6.50-10-10PR     | 6.50-10-10PR     | 6.50-10-10PR                 | 6.50-10-10PR     | 6.50-10-10PR     |
|                              | Number of wheels, front/rear (X = drive wheel)                                  | -          | 2x/2             | 2x/2             | 2x/2             | 2x/2             | 2x/2             | 2x/2             | 2x/2             | 2x/2                         | 2x/2             | 2x/2             |
|                              | Front track width                                                               | b10 (mm)   | 980              | 980              | 980              | 980              | 1000             | 1000             | 1000             | 1000                         | 1000             | 1000             |
|                              | Rear track width                                                                | b11 (mm)   | 960              | 960              | 960              | 960              | 980              | 980              | 980              | 980                          | 980              | 980              |
| Dimensions                   | Mast tilt angle, forward/backward                                               | α/β(°)     | 6/12             | 6/12             | 6/12             | 6/12             | 6/12             | 6/12             | 6/12             | 6/12                         | 6/12             | 6/12             |
|                              | Mast lowered height                                                             | h1 (mm)    | 1995             | 1995             | 1995             | 1995             | 2065             | 2065             | 2065             | 2065                         | 2065             | 2065             |
|                              | Free lift height (excluding fork thickness)                                     | h2 (mm)    | 110              | 110              | 110              | 110              | 120              | 120              | 120              | 120                          | 120              | 120              |
|                              | Lifting height                                                                  | h3 (mm)    | 2960             | 2960             | 2960             | 2960             | 2955             | 2955             | 2950             | 2950                         | 2955             | 2950             |
|                              | Maximum liftng height                                                           | h23 (mm)   | 3000             | 3000             | 3000             | 3000             | 3000             | 3000             | 3000             | 3000                         | 3000             | 3000             |
|                              | Mast maximum height during operation                                            | h4 (mm)    | 3994             | 3994             | 3994             | 3994             | 4167             | 4167             | 4167             | 4167                         | 4167             | 4167             |
|                              | Overhead guard (cab) height                                                     | h6 (mm)    | 2155             | 2155             | 2155             | 2155             | 2170             | 2170             | 2170             | 2170                         | 2170             | 2170             |
|                              | Seat height from ground                                                         | h7 (mm)    | 1110             | 1110             | 1110             | 1110             | 1130             | 1130             | 1130             | 1130                         | 1130             | 1130             |
|                              | Tow pin height                                                                  | h10 (mm)   | 330              | 330              | 330              | 330              | 350              | 350              | 350              | 350                          | 350              | 350              |
|                              | Overall length                                                                  | l1 (mm)    | 3579             | 3579             | 3579             | 3579             | 3800             | 3800             | 3800             | 3800                         | 3800             | 3800             |
|                              | Overall length (without forks)                                                  | l2 (mm)    | 2485             | 2485             | 2485             | 2485             | 2680             | 2680             | 2680             | 2680                         | 2680             | 2680             |
|                              | Overall width                                                                   | b1/b2 (mm) | 1165/1150        | 1165/1150        | 1165/1150        | 1165/1150        | 1240/1163        | 1240/1163        | 1240/1163        | 1240/1163                    | 1240/1163        | 1240/1163        |
|                              | Fork size, thickness × width × length                                           | s/e/l (mm) | 40×122×1070      | 40×122×1070      | 40×122×1070      | 40×122×1070      | 45×125×1070      | 45×125×1070      | 50×125×1070      | 50×125×1070                  | 45×125×1070      | 50×125×1070      |
|                              | Fork carriage width                                                             | b3 (mm)    | 1040             | 1040             | 1040             | 1040             | 1100             | 1100             | 1100             | 1100                         | 1100             | 1100             |
|                              | Mast ground clearance                                                           | m1 (mm)    | 110              | 110              | 110              | 110              | 120              | 120              | 120              | 120                          | 120              | 120              |
|                              | Right-angle stacking aisle width, pallet 1000×1200 (1200 across fork direction) | Ast (mm)   | 3862             | 3862             | 3862             | 3862             | 4019             | 4019             | 4024             | 4024                         | 4019             | 4024             |
|                              | Right-angle stacking aisle width, pallet 800×1200 (1200 along fork direction)   | Ast (mm)   | 4062             | 4062             | 4062             | 4062             | 4219             | 4219             | 4224             | 4224                         | 4219             | 4224             |
|                              | Ground clearance at wheelbase center                                            | m2 (mm)    | 128              | 128              | 128              | 128              | 145              | 145              | 145              | 145                          | 145              | 145              |
|                              | Turning radius                                                                  | Wa (mm)    | 2200             | 2200             | 2200             | 2200             | 2350             | 2350             | 2350             | 2350                         | 2350             | 2350             |
| Performance                  | Travel speed, laden/unladen                                                     | km/h       | 18/19            | 20/20            | 18/19            | 20/20            | 18/19            | 20/20            | 18/19            | 20/20                        | 16/16            | 15/15            |
|                              | Fork lifting speed, laden/unladen                                               | m/s        | 0.4/0.5          | 0.49/0.62        | 0.4/0.5          | 0.48/0.62        | 0.35/0.45        | 0.47/0.6         | 0.35/0.45        | 0.44/0.54                    | 0.3/0.45         | 0.29/0.45        |
|                              | Fork lowering speed, laden/unladen                                              | m/s        | 0.5/0.42         | 0.5/0.42         | 0.5/0.42         | 0.5/0.42         | 0.5/0.42         | 0.5/0.42         | 0.5/0.42         | 0.5/0.42                     | 0.5/0.42         | 0.5/0.42         |
|                              | Gradeability, laden/unladen (30 min)                                            | %          | 18/25            | 20/28            | 18/25            | 20/26            | 18/25            | 20/26            | 18/20            | 20/24                        | 16/25            | 16/24            |
|                              | Service brake                                                                   | -          | Mechanical brake | Mechanical brake | Mechanical brake | Mechanical brake | Mechanical brake | Mechanical brake | Mechanical brake | Mechanical brake             | Mechanical brake | Mechanical brake |
| (Drive)<br>electric forklift | Battery (voltage/capacity)                                                      | V/Ah       | 76.8/230         | 76.8/230         | 76.8/230         | 76.8/230         | 76.8/230         | 76.8/304         | 76.8/230         | 76.8/304                     | 76.8/230         | 76.8/230         |
|                              | Drive motor power                                                               | kW         | 12               | 14               | 12               | 14               | 13               | 15               | 13               | 15                           | 12               | 12               |
|                              | Lift motor power                                                                | kW         | 18               | 20               | 18               | 20               | 23               | 26               | 23               | 26                           | 18               | 18               |
|                              | Battery weight                                                                  | -          | 225              | 225              | 225              | 225              | 225              | 265              | 225              | 265                          | 225              | 225              |
|                              | Controller                                                                      | -          | 350/350          | 350/350          | 350/350          | 350/350          | 450/450          | 450/450          | 450/450          | 450/450                      | 350/350          | 350/350          |
|                              | Operating pressure                                                              | MPa        | 19               | 19               | 20               | 20               | 21               | 21               | 23               | 23                           | 21               | 21               |

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## SPECIFICATIONS

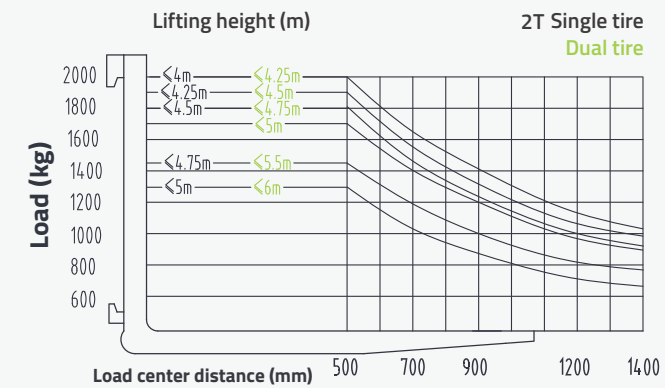
# ZOOMLION

## Dimensional drawing

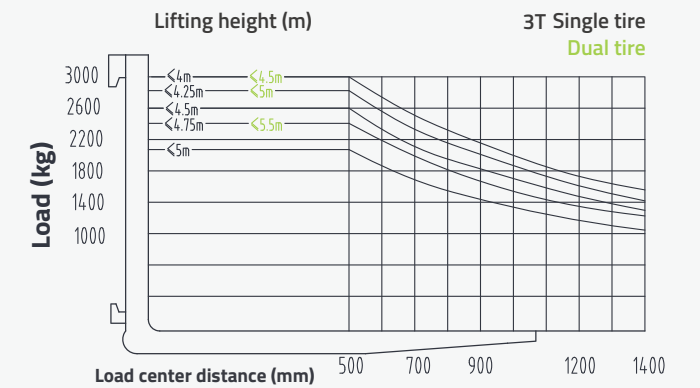


## Load chart

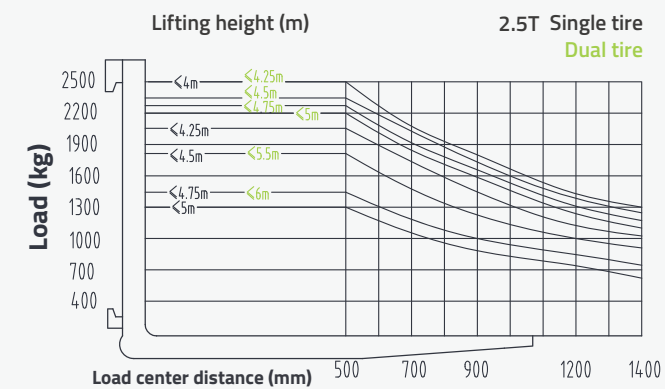
## FE20C



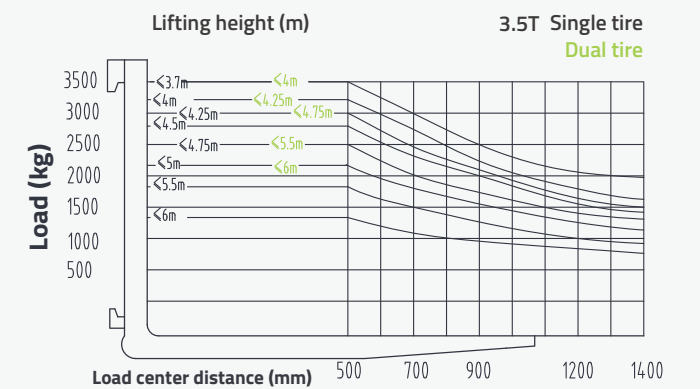
## FE30C



## FE25C



## FE35C



\*Note:

The vertical axis represents the load capacity, and the horizontal axis represents the load center distance. The load center distance is measured from the front face of the forks. The reference point for standard load is the center of a cube with a load edge length of 1000mm.

When the mast is tilted forward, non-standard forks are used, or loads exceeding the normal width are handled, the load capacity will be reduced. The load chart allows for timely reference to the rated capacity of the standard mast at various load center distances.

MAST OPTION TABLE



| Duplex wide-view mast 2-2.5T |                                                |                |                  |                |                                           |                       |                             |                                             |                             |                 |           |
|------------------------------|------------------------------------------------|----------------|------------------|----------------|-------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|-----------------------------|-----------------|-----------|
| Mast maximum lifting height  | Lifting capacity (500 mm load center distance) |                |                  |                | Mast lowered height (forks on the ground) | Mast height           |                             | Free lift height (excluding fork thickness) |                             | Mast tilt angle |           |
|                              | 2.0t Single tire                               | 2.0t Dual tire | 2.5t Single tire | 2.5t Dual tire |                                           | Without load backrest | With standard load backrest | Without load backrest                       | With standard load backrest | Single tire     | Dual tire |
| mm                           | kg                                             | kg             | kg               | kg             | mm                                        | mm                    | mm                          | mm                                          | mm                          | °               | °         |
| 2000                         | 2000                                           | 2000           | 2500             | 2500           | 1495                                      | 2572                  | 2994                        | 110                                         | 110                         | 6/12            | 6/12      |
| 2500                         | 2000                                           | 2000           | 2500             | 2500           | 1745                                      | 3072                  | 3494                        | 110                                         | 110                         | 6/12            | 6/12      |
| 2700                         | 2000                                           | 2000           | 2500             | 2500           | 1845                                      | 3272                  | 3694                        | 110                                         | 110                         | 6/12            | 6/12      |
| 3000                         | 2000                                           | 2000           | 2500             | 2500           | 1995                                      | 3572                  | 3994                        | 110                                         | 110                         | 6/12            | 6/12      |
| 3300                         | 2000                                           | 2000           | 2500             | 2500           | 2145                                      | 3872                  | 4294                        | 110                                         | 110                         | 6/12            | 6/12      |
| 3500                         | 2000                                           | 2000           | 2500             | 2500           | 2245                                      | 4072                  | 4494                        | 110                                         | 110                         | 6/12            | 6/12      |
| 3700                         | 2000                                           | 2000           | 2500             | 2500           | 2345                                      | 4272                  | 4694                        | 110                                         | 110                         | 6/12            | 6/12      |
| 4000                         | 2000                                           | 2000           | 2500             | 2500           | 2545                                      | 4572                  | 4994                        | 110                                         | 110                         | 6/12            | 6/12      |
| 4250                         | 1900                                           | 2000           | 2100             | 2500           | 2670                                      | 4822                  | 5244                        | 110                                         | 110                         | 6/6             | 6/12      |
| 4500                         | 1800                                           | 1900           | 1800             | 2400           | 2795                                      | 5072                  | 5494                        | 110                                         | 110                         | 6/6             | 6/12      |
| 4750                         | 1450                                           | 1800           | 1450             | 2300           | 2920                                      | 5322                  | 5744                        | 110                                         | 110                         | 6/6             | 6/6       |
| 5000                         | 1300                                           | 1700           | 1300             | 2200           | 3045                                      | 5572                  | 5994                        | 110                                         | 110                         | 6/6             | 6/6       |
| 5500                         | /                                              | 1500           | /                | 1700           | 3345                                      | 6072                  | 6494                        | 110                                         | 110                         | /               | 3/6       |
| 6000                         | /                                              | 1300           | /                | 1400           | 3595                                      | 6572                  | 6994                        | 110                                         | 110                         | /               | 3/6       |

| Duplex full free-lift mast 2-2.5T |                                                |                |                  |                |                                           |                       |                             |                                             |                             |                 |           |
|-----------------------------------|------------------------------------------------|----------------|------------------|----------------|-------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|-----------------------------|-----------------|-----------|
| Mast maximum lifting height       | Lifting capacity (500 mm load center distance) |                |                  |                | Mast lowered height (forks on the ground) | Mast height           |                             | Free lift height (excluding fork thickness) |                             | Mast tilt angle |           |
|                                   | 2.0t Single tire                               | 2.0t Dual tire | 2.5t Single tire | 2.5t Dual tire |                                           | Without load backrest | With standard load backrest | Without load backrest                       | With standard load backrest | Single tire     | Dual tire |
| mm                                | kg                                             | kg             | kg               | kg             | mm                                        | mm                    | mm                          | mm                                          | mm                          | °               | °         |
| 2000                              | 2000                                           | 2000           | 2500             | 2500           | 1495                                      | 2674                  | 3096                        | 880                                         | 458                         | 6/12            | 6/12      |
| 2000                              | 2000                                           | 2000           | 2500             | 2500           | 1745                                      | 3114                  | 3536                        | 1130                                        | 708                         | 6/12            | 6/12      |
| 2700                              | 2000                                           | 2000           | 2500             | 2500           | 1845                                      | 3314                  | 3736                        | 1230                                        | 808                         | 6/12            | 6/12      |
| 3000                              | 2000                                           | 2000           | 2500             | 2500           | 1995                                      | 3614                  | 4036                        | 1380                                        | 958                         | 6/12            | 6/12      |
| 3300                              | 2000                                           | 2000           | 2500             | 2500           | 2145                                      | 3914                  | 4336                        | 1530                                        | 1108                        | 6/12            | 6/12      |
| 3500                              | 2000                                           | 2000           | 2500             | 2500           | 2245                                      | 4114                  | 4536                        | 1630                                        | 1208                        | 6/12            | 6/12      |
| 3700                              | 2000                                           | 2000           | 2500             | 2500           | 2345                                      | 4314                  | 4736                        | 1730                                        | 1308                        | 6/12            | 6/12      |
| 4000                              | 2000                                           | 2000           | 2500             | 2500           | 2545                                      | 4614                  | 5036                        | 1930                                        | 1508                        | 6/12            | 6/12      |

| Triplex full free-lift mast 2-2.5T |                                                |                |                  |                |                                           |                       |                             |                                             |                             |                 |           |
|------------------------------------|------------------------------------------------|----------------|------------------|----------------|-------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|-----------------------------|-----------------|-----------|
| Mast maximum lifting height        | Lifting capacity (500 mm load center distance) |                |                  |                | Mast lowered height (forks on the ground) | Mast height           |                             | Free lift height (excluding fork thickness) |                             | Mast tilt angle |           |
|                                    | 2.0t Single tire                               | 2.0t Dual tire | 2.5t Single tire | 2.5t Dual tire |                                           | Without load backrest | With standard load backrest | Without load backrest                       | With standard load backrest | Single tire     | Dual tire |
| mm                                 | kg                                             | kg             | kg               | kg             | mm                                        | mm                    | mm                          | mm                                          | mm                          | °               | °         |
| 3600                               | 2000                                           | 2000           | 2500             | 2500           | 1765                                      | 4182                  | 4624                        | 1173                                        | 731                         | 6/6             | 6/6       |
| 4000                               | 2000                                           | 2000           | 2500             | 2500           | 1900                                      | 4587                  | 5029                        | 1308                                        | 866                         | 6/6             | 6/6       |
| 4200                               | 2000                                           | 2000           | 2500             | 2500           | 1965                                      | 4782                  | 5224                        | 1373                                        | 931                         | 6/6             | 6/6       |
| 4350                               | 1870                                           | 2000           | 2370             | 2500           | 2015                                      | 4932                  | 5374                        | 1423                                        | 981                         | 6/6             | 6/6       |
| 4500                               | 1750                                           | 2000           | 2070             | 2500           | 2065                                      | 5082                  | 5524                        | 1473                                        | 1031                        | 6/6             | 6/6       |
| 4700                               | 1710                                           | 1930           | 1830             | 2430           | 2130                                      | 5349                  | 5791                        | 1538                                        | 1096                        | 6/6             | 6/6       |
| 4800                               | 1650                                           | 1800           | 1750             | 2300           | 2165                                      | 5512                  | 5954                        | 1573                                        | 1131                        | 6/6             | 6/6       |
| 5000                               | 1450                                           | 1650           | 1500             | 2150           | 2230                                      | 5907                  | 6349                        | 1638                                        | 1196                        | 6/6             | 6/6       |
| 5500                               | 1100                                           | 1350           | 1200             | 1650           | 2395                                      | 6412                  | 6854                        | 1803                                        | 1361                        | 3/6             | 3/6       |
| 6000                               | 800                                            | 1100           | 900              | 1300           | 2615                                      | 6912                  | 7354                        | 2023                                        | 1581                        | 3/6             | 3/6       |
| 6500                               | /                                              | 800            | /                | 1000           | 2830                                      | 7419                  | 7861                        | 2211                                        | 1769                        | /               | 3/3       |
| 7000                               | /                                              | 500            | /                | 700            | 3000                                      | 7715                  | 8157                        | 2377                                        | 1935                        | /               | 3/3       |

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| Duplex wide-view mast 3-3.5T |                                                |                |                  |                |                                           |                       |                             |                                             |                             |                                  |           |
|------------------------------|------------------------------------------------|----------------|------------------|----------------|-------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|-----------------------------|----------------------------------|-----------|
| Mast maximum lifting height  | Lifting capacity (500 mm load center distance) |                |                  |                | Mast lowered height (forks on the ground) | Mast height           |                             | Free lift height (excluding fork thickness) |                             | Mast tilt angle Forward/backward |           |
|                              | 3.0t Single tire                               | 3.0t Dual tire | 3.5t Single tire | 3.5t Dual tire |                                           | Without load backrest | With standard load backrest | Without load backrest                       | With standard load backrest | Single tire                      | Dual tire |
| mm                           | kg                                             | kg             | kg               | kg             | mm                                        | mm                    | mm                          | mm                                          | mm                          | °                                | °         |
| 2000                         | 3000                                           | 3000           | 3500             | 3500           | 1565                                      | 2665                  | 3167                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 2500                         | 3000                                           | 3000           | 3500             | 3500           | 1815                                      | 3165                  | 3667                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 2700                         | 3000                                           | 3000           | 3500             | 3500           | 1915                                      | 3365                  | 3867                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 3000                         | 3000                                           | 3000           | 3500             | 3500           | 2065                                      | 3665                  | 4167                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 3300                         | 3000                                           | 3000           | 3500             | 3500           | 2215                                      | 3965                  | 4467                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 3500                         | 3000                                           | 3000           | 3500             | 3500           | 2315                                      | 4165                  | 4667                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 3700                         | 3000                                           | 3000           | 3500             | 3500           | 2415                                      | 4365                  | 4867                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 4000                         | 3000                                           | 3000           | 3200             | 3500           | 2615                                      | 4665                  | 5167                        | 120                                         | 120                         | 6/12                             | 6/12      |
| 4250                         | 2850                                           | 3000           | 3000             | 3400           | 2740                                      | 4915                  | 5417                        | 120                                         | 120                         | 6/6                              | 6/12      |
| 4500                         | 2600                                           | 3000           | 2850             | 3350           | 2865                                      | 5165                  | 5667                        | 120                                         | 120                         | 6/6                              | 6/12      |
| 4750                         | 2400                                           | 2900           | 2500             | 3000           | 2990                                      | 5415                  | 5917                        | 120                                         | 120                         | 6/6                              | 6/6       |
| 5000                         | 2100                                           | 2850           | 2200             | 2850           | 3115                                      | 5665                  | 6167                        | 120                                         | 120                         | 6/6                              | 6/6       |
| 5500                         | /                                              | 2400           | 1850             | 2500           | 3415                                      | 6165                  | 6667                        | 120                                         | 120                         | 3/6                              | 3/6       |
| 6000                         | /                                              | 2000           | 1400             | 2200           | 3665                                      | 6665                  | 7167                        | 120                                         | 120                         | 3/6                              | 3/6       |

| Duplex full free-lift mast 3-3.5T |                                                |                |                  |                |                                           |                       |                             |                                             |                             |                 |           |
|-----------------------------------|------------------------------------------------|----------------|------------------|----------------|-------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|-----------------------------|-----------------|-----------|
| Mast maximum lifting height       | Lifting capacity (500 mm load center distance) |                |                  |                | Mast lowered height (forks on the ground) | Mast height           |                             | Free lift height (excluding fork thickness) |                             | Mast tilt angle |           |
|                                   | 3.0t Single tire                               | 3.0t Dual tire | 3.5t Single tire | 3.5t Dual tire |                                           | Without load backrest | With standard load backrest | Without load backrest                       | With standard load backrest | Single tire     | Dual tire |
| mm                                | kg                                             | kg             | kg               | kg             | mm                                        | mm                    | mm                          | mm                                          | mm                          | °               | °         |
| 2000                              | 3000                                           | 3000           | 3500             | 3500           | 1595                                      | 2638                  | 3130.5                      | 907                                         | 414.5                       | 6/12            | 6/12      |
| 2500                              | 3000                                           | 3000           | 3500             | 3500           | 1845                                      | 3138                  | 3630.5                      | 1157                                        | 664.5                       | 6/12            | 6/12      |
| 2700                              | 3000                                           | 3000           | 3500             | 3500           | 1945                                      | 3338                  | 3830.5                      | 1257                                        | 764.5                       | 6/12            | 6/12      |
| 3000                              | 3000                                           | 3000           | 3500             | 3500           | 2095                                      | 3638                  | 4130.5                      | 1407                                        | 914.5                       | 6/12            | 6/12      |
| 3300                              | 3000                                           | 3000           | 3500             | 3500           | 2245                                      | 3938                  | 4430.5                      | 1557                                        | 1064.5                      | 6/12            | 6/12      |
| 3500                              | 3000                                           | 3000           | 3500             | 3500           | 2345                                      | 4138                  | 4630.5                      | 1657                                        | 1164.5                      | 6/12            | 6/12      |
| 3700                              | 3000                                           | 3000           | 3500             | 3500           | 2445                                      | 4338                  | 4830.5                      | 1757                                        | 1264.5                      | 6/12            | 6/12      |
| 4000                              | 3000                                           | 3000           | 3500             | 3500           | 2645                                      | 4638                  | 5130.5                      | 1957                                        | 1464.5                      | 6/12            | 6/12      |

| Triplex full free-lift mast 3-3.5T |                                                |                |                  |                |                                           |                       |                             |                                             |                             |                 |           |
|------------------------------------|------------------------------------------------|----------------|------------------|----------------|-------------------------------------------|-----------------------|-----------------------------|---------------------------------------------|-----------------------------|-----------------|-----------|
| Mast maximum lifting height        | Lifting capacity (500 mm load center distance) |                |                  |                | Mast lowered height (forks on the ground) | Mast height           |                             | Free lift height (excluding fork thickness) |                             | Mast tilt angle |           |
|                                    | 3.0t Single tire                               | 3.0t Dual tire | 3.5t Single tire | 3.5t Dual tire |                                           | Without load backrest | With standard load backrest | Without load backrest                       | With standard load backrest | Single tire     | Dual tire |
| mm                                 | kg                                             | kg             | kg               | kg             | mm                                        | mm                    | mm                          | mm                                          | mm                          | °               | °         |
| 3600                               | 3000                                           | 3000           | 3300             | 3300           | 1865                                      | 4240                  | 4730.5                      | 1174.5                                      | 684                         | 6/6             | 6/6       |
| 4000                               | 3000                                           | 3000           | 3300             | 3300           | 2000                                      | 4640                  | 5130.5                      | 1309.5                                      | 819                         | 6/6             | 6/6       |
| 4200                               | 3000                                           | 3000           | 3000             | 3000           | 2065                                      | 4840                  | 5330.5                      | 1374.5                                      | 884                         | 6/6             | 6/6       |
| 4350                               | 2870                                           | 3000           | 3000             | 3300           | 2115                                      | 4990                  | 5480.5                      | 1425.5                                      | 935                         | 6/6             | 6/6       |
| 4500                               | 2570                                           | 3000           | 2850             | 3200           | 2165                                      | 5140                  | 5630.5                      | 1474.5                                      | 984                         | 6/6             | 6/6       |
| 4700                               | 2340                                           | 2900           | 2650             | 3000           | 2230                                      | 5340                  | 5830.5                      | 1539.5                                      | 1049                        | 6/6             | 6/6       |
| 4800                               | 2250                                           | 2800           | 2500             | 2900           | 2265                                      | 5440                  | 5930.5                      | 1574.5                                      | 1084                        | 6/6             | 6/6       |
| 5000                               | 2000                                           | 2650           | 2450             | 2850           | 2330                                      | 5640                  | 6130.5                      | 1639.5                                      | 1149                        | 6/6             | 6/6       |
| 5500                               | 1550                                           | 2300           | /                | 2500           | 2495                                      | 6140                  | 6630.5                      | 1804.5                                      | 1314                        | 3/6             | 3/6       |
| 6000                               | 1100                                           | 2100           | /                | 2200           | 2715                                      | 6640                  | 7130.5                      | 2024.5                                      | 1534                        | 3/6             | 3/6       |

PRODUCT HIGHLIGHTS



Superior Driving Comfort for an Optimized Operating Experience

- Ample legroom: The centrally recessed curved hood design provides increased legroom, reducing fatigue and discomfort during prolonged operation, and accommodating operators of varying heights.
- Panoramic visibility without blind spots: The semi-canopy, semi-grille overhead guard, combined with a streamlined counterweight design, offers unobstructed front, rear, and side visibility, allowing clear view of loads and ground obstacles.
- Human-centric control layout: Controls are ergonomically arranged, with steering and lifting joystick featuring moderate stroke. A variety of seat options are available to alleviate fatigue during extended stacking and transfer operations.



Rugged and Reliable Construction for Enhanced Durability

- High-precision robotic welding: The mast and frame are fully robotically welded on automated production lines, ensuring uniform and robust weld seams with superior load-bearing and torsional strength, resistant to deformation and cracking under prolonged heavy-duty use.
- High-strength overhead guard: The overhead guard has passed stringent impact and compression tests, meeting falling object protection standards to ensure operator safety during high-level stacking operations.
- Compact and lightweight structure: The optimized machine dimensions and reduced turning radius provide ample chassis rigidity while maintaining agility, enabling smooth maneuvering in narrow factory aisles and between warehouse racking.



Versatile Adaptation to Diverse Operating Conditions

- Flexible operation in confined spaces: Compact body and small turning radius design enable easy maneuvering and stacking in tight areas such as dense warehouse racking, narrow workshop workstations, and container loading/unloading.
- Multiple mast options: Lift heights ranging from 2 to 7 meters accommodate various stacking requirements, from low-level storage to high-bay warehousing.
- Rich optional features: Optional attachments include weighing forks, reverse radar, clearance warning lights, and speed limiters, making the machine suitable for logistics, warehousing, manufacturing workshops, cold chain facilities, and intra-facility transfer applications.

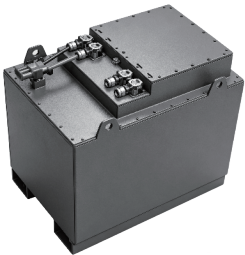


Easy Maintenance for Reduced Operating Costs

- Tool-free quick-release front floor panel: The bottom access cover can be removed without tools, providing direct access to the drive, hydraulic, and brake systems for inspection and maintenance, significantly reducing service time.
- Wide-opening hood and covers: The battery, motor, and controller are fully exposed for easy access, simplifying daily inspections, wiring maintenance, and battery replacement.
- Modular component design: Drive, hydraulic, and electrical components are modularly assembled, allowing individual faulty components to be replaced without full machine disassembly, reducing parts replacement costs.

Long-Range Lithium Battery System with Both Charging and Swap Solutions

- High-capacity lithium battery options: Upgradable to a maximum 608Ah high-capacity battery for extended continuous operation without mid-shift recharging.
- Dual charging ports: Supports both REMA industrial charging port and GB charging port standards for broad charging compatibility.
- Side-pull quick battery swap: H/M models support side-pull battery swap, completing battery replacement within minutes, eliminating charging downtime and improving workshop transfer efficiency.



FEATURES

| Feature             |                                                                               | FE20C-M | FE20C-H | FE25C-M | FE25C-H | FE30C-M | FE30C-H | FE35C-M | FE35C-H | FE30C-S | FE35C-S |
|---------------------|-------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Working device      | Basic wide-view mast                                                          | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Duplex wide-view full free-lift mast                                          | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Triplex wide-view full free-lift mast                                         | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Standard forks                                                                | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Special forks                                                                 | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Special fork sleeves                                                          | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Standard fork carriage                                                        | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Wider fork carriage                                                           | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Standard load backrest                                                        | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Wider load backrest                                                           | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
| Whole vehicle       | Two-section valve                                                             | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Three-section or four-section valve                                           | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Standard seat                                                                 | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Seat with lumbar support                                                      | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Suspension seat with lumbar support                                           | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Pneumatic tire ( FE35C-H: Front solid / rear pneumatic )                      | ●       | ●       | ●       | ●       | ●       | ●       | ●       | -       | ●       | ●       |
|                     | Solid tire                                                                    | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Eco-friendly solid tire                                                       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Dual pneumatic tires (front)                                                  | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Dual solid tires (front)                                                      | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Semi-canopy semi-grille overhead guard                                        | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Side-extraction battery swap                                                  | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | /       | /       |
|                     | PC roof canopy                                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Center rearview mirror                                                        | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Left and right rearview mirrors                                               | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Wide-angle rearview mirror                                                    | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Electric fan                                                                  | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Reverse armrest                                                               | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Reverse armrest with horn button                                              | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
| Electrical parts    | Fire extinguisher                                                             | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Tilt cylinder protective cover                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Steering cylinder protective cover                                            | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Customer-specified color                                                      | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | USB port                                                                      | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Reverse buzzer                                                                | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Reverse voice annunciator                                                     | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Fixed LED rotating warning light                                              | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Red/blue dot lights (front/rear); red/blue clearance lights (left/right/rear) | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Headlights                                                                    | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
| Safety features     | Rear work light                                                               | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Card reader start                                                             | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Fingerprint lock                                                              | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Mast descent cushioning                                                       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       | ●       |
|                     | Automatic steering deceleration                                               | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
| Attachment          | Seatbelt alarm                                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | OPS system                                                                    | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Reverse radar                                                                 | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Sideshifter                                                                   | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Fork positioner                                                               | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Sideshift and fork positioner                                                 | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Bale clamp                                                                    | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Dump hopper                                                                   | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Dump fork                                                                     | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Rotating clamp                                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Pole attachment                                                               | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Multi-purpose drum clamp                                                      | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Hook                                                                          | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Paper roll clamp                                                              | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | Weighing forks                                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
| Charger and battery | 100A-REMA charging plug                                                       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 200A-REMA charging plug                                                       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 100A-GB standard charging plug                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 200A-GB standard charging plug                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 76.8V 230Ah-REMA charging port                                                | ●       | ●       | ●       | ●       | ●       | /       | ●       | /       | ●       | ●       |
|                     | 76.8V 230Ah-GB standard charging port                                         | ○       | ○       | ○       | ○       | ○       | /       | ○       | /       | ○       | ○       |
|                     | 76.8V 304Ah-REMA charging port                                                | ○       | ○       | ○       | ○       | ○       | ●       | ○       | ●       | ○       | ○       |
|                     | 76.8V 304Ah-GB standard charging port                                         | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 76.8V 460Ah-REMA charging port                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 76.8V 460Ah-GB standard charging port                                         | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 76.8V 560Ah-REMA charging port                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 76.8V 560Ah-GB standard charging port                                         | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 76.8V 608Ah-REMA charging port                                                | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |
|                     | 76.8V 608Ah-GB standard charging port                                         | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       | ○       |

Standard ● Optional ○

**ZOOMLION**

