

Electric Stacker with Initial Lift



Model: CDDR15S

This heavy stacker includes two models with a rated load capacity of 1500kgs. Specifically designed for intensive stocking operations at medium height warehouse. 1500kgs load can be transported using the initial lift function.

Advantages:

- The 4- points support structure with side tiller, low center of gravity design with excellent stability.
- Double pallet design: two pallet handled at one time, initial lift of load leg increases ground clearance to negotiate easily ramps, dock levelers and bridging plates.
- Vertical driving wheel, offer small turning radius, dustproof waterproof motor, easy for maintenance.
- Ac motor without carbon brush, good ramp braking performance, efficient electromagnetic parking brake.
- Free lifting mast with two side cylinders offers wide view for operators.

AC



Conform to  
ISO3691-1 EN1175:2020  
EN12053 EN 16307-1  
EN12100 EMC EN 12895  
Related to CE directive:  
2006/42/EC (Machinery)  
2014/30/EU (Electromagnetic compatibility)

AC

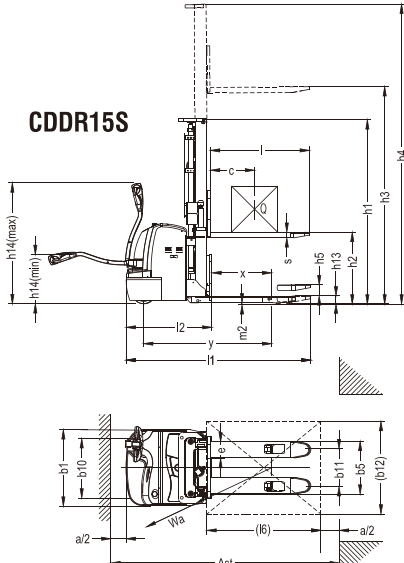
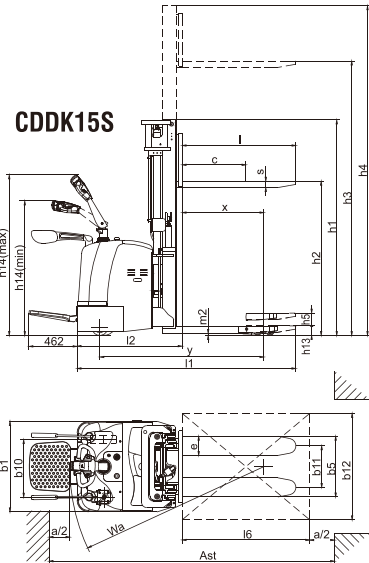
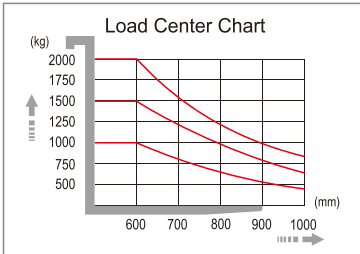
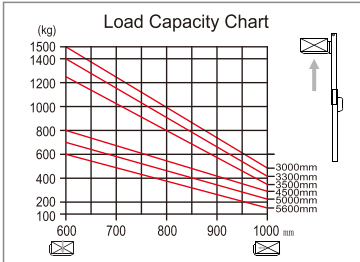
Model: CDDK15S

1KG=2.205LB 1INCH=25.40MM

|                     | 1.2    | Manufacturer's type designation                                      |                 | CDDR15S                            | CDDK15S                               |
|---------------------|--------|----------------------------------------------------------------------|-----------------|------------------------------------|---------------------------------------|
|                     |        |                                                                      |                 |                                    |                                       |
| General Information | 1.3    | Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas |                 | Electric                           | Electric                              |
|                     | 1.4    | Operator type: hand, pedestrian, standing, seated, order-picker      |                 | Pedestrian                         | Standing                              |
|                     | 1.5    | Rated capacity/rated load                                            | Q (kg)          | 1500                               | 1500                                  |
|                     | 1.6    | Load centre distance                                                 | c (mm)          | 600                                | 600                                   |
|                     | 1.8    | Load distance, centre of drive axle to fork                          | x (mm)          | 697                                | 768                                   |
| Weight              | 1.9    | Wheelbase                                                            | y (mm)          | 1465                               | 1510                                  |
|                     | 2.1    | Service weight                                                       | kg              | 1205                               |                                       |
|                     | 2.2    | Axle loading, laden front/rear                                       | kg              | 1470/1310                          | 1120/1640                             |
|                     | 2.3    | Axle loading, unladen front/rear                                     | kg              | 900/380                            | 874/386                               |
| Tyres               | 3.1    | Tyres: solid rubber, superelastic, pneumatic, polyurethane           |                 | Polyurethane                       | Polyurethane                          |
|                     | 3.2    | Tyre size, front                                                     |                 | Φ250x70                            | Φ250x80                               |
|                     | 3.3    | Tyre size, rear                                                      |                 | Φ80x70                             | Φ80x70                                |
|                     | 3.4    | Additional wheels (dimensions)                                       |                 | Φ150x60                            | Φ150x60                               |
|                     | 3.5    | Wheels, number front/rear (× = driven wheels)                        |                 | 1x+1/4                             | 1x+1/4                                |
| Dimensions          | 3.6    | Tread, front                                                         | b10 (mm)        | 520                                | 540                                   |
|                     | 3.7    | Tread, rear                                                          | b11 (mm)        | 390/470                            | 390/470                               |
|                     | 4.2    | Height, mast lowered                                                 | h1 (mm)         | 1757/2007/2157/2257/2022/2182/2382 | 1758/2008/2158/2258/2022/2182/2382    |
|                     | 4.3    | Free lift                                                            | h2 (mm)         | 1300/1550/1700/1800/1570/1740/1940 | 1300/1550/1700/1800/1570/1740/1940    |
|                     | 4.4    | Max. lift height                                                     | h3 (mm)         | 2500/3000/3300/3500/4500/5000/5600 | 2500/3000/3300/3500/4500/5000/5600    |
|                     | 4.5    | Height, mast extended                                                | h4 (mm)         | 2972/3477/3777/3977/4952/5442/6042 | 2958/3458/3758/3958/4952/5442/6042    |
|                     | 4.6    | Initial lift                                                         | h5(mm)          | 120                                | 120                                   |
|                     | 4.9    | Height drawbar in driving position min./max.                         | h14 (mm)        | 670/1300                           | 1150/1450                             |
|                     | 4.10   | Height of wheel arms                                                 | h8 (mm)         | 82/202                             |                                       |
|                     | 4.15   | Height, lowered                                                      | h13 (mm)        | 90                                 | 90                                    |
|                     | 4.19   | Overall length                                                       | l1 (mm)         | 1982(2062)                         | 2058(2138)                            |
|                     | 4.20   | Length to face of forks                                              | l2 (mm)         | 878                                | 988                                   |
|                     | 4.21   | Overall width                                                        | b1/b2 (mm)      | 820                                | 850                                   |
|                     | 4.22   | Fork dimensions DIN ISO 2331                                         | s / e / l (mm)  | 60/180/1070(1150)                  | 60/180/1070(1150)                     |
|                     | 4.25   | Fork spread                                                          | b5 (mm)         | 570/650                            | 570/650                               |
|                     | 4.32   | Ground clearance, centre of wheelbase                                | m2 (mm)         | 15-135                             | 17-137                                |
|                     | 4.34.1 | Aisle width for pallets 1000 × 1200 crossways                        | Ast (mm)        | 2530                               | 2631                                  |
|                     | 4.34.2 | Aisle width for pallets 800 × 1200 lengthways                        | Ast (mm)        | 2500                               | 2575                                  |
|                     | 4.35   | Turning radius                                                       | Wa (mm)         | 1660                               | 1786                                  |
| Performance Data    | 5.1    | Travel speed, laden/unladen                                          | km/h            | 5.8/6.0                            | 7.0/7.1                               |
|                     | 5.2    | Lift speed, laden/unladen                                            | m/s             | 0.11/0.16                          | 0.11/0.16                             |
|                     | 5.3    | Lowering speed, laden/unladen                                        | m/s             | 0.12/0.12                          | 0.12/0.12                             |
|                     | 5.8    | Max. gradeability, laden/unladen                                     | %               | 8/15                               | 8/15                                  |
|                     | 5.10   | Service brake                                                        |                 | Electromagnetic                    | Electromagnetic                       |
| Motors              | 6.1    | Drive motor rating S2 60 min                                         | kW              | 1.2(AC)                            | 1.5(AC)                               |
|                     | 6.2    | Lift motor rating at S3 15%                                          | kW              | 3                                  | 3                                     |
|                     | 6.4    | Battery voltage/nominal capacity K5                                  | (V)/(Ah) or kWh | 24/240                             | 24/240(2500-3500), 24/300 (4500-5600) |
|                     | 6.5    | Battery weight                                                       | kg              | 220                                | 220, 260                              |
| Additional Data     | 10.7   | Sound pressure level at the driver's seat                            | dB (A)          | 70                                 | 70                                    |

1. With initial lift.  
2. Calculated with height 3000mm, fork 1070mm.

\*Option: Lithium battery 125AH (Charger 24V/50AH) / 230AH (Charger 24V/100A)



Electric Pallet Truck

Electric Stacker

Order Picker

Narrow Aisle Truck

Electric Tow Tractor

Hand Pallet Truck

Manual Stacker

Lift Table