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ISO14001  
ISO14001:2015



ISO9001  
ISO9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

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## J series Electric Stacker

with capacities of 1,500kg

*The World of Hangcha*



Economical J series, load capacity is 1500kg.The stacker is with attractive appearance, convenient operation and energy saving. It is widely used in conditions of low intensity and short distances, meeting the demands of most customers.

Advantages

- / Side-driven design effectively reduces the size of operation channel. With small turning radius and better view, this stacker is suitable for narrow spaces.
- / Though it is economical stacker, it is still equipped with high-power and high-performance lifting pump station, which ensures the goods lifting.
- / The turtle speed switch on the handle makes low speed control more precise.
- / Germany imported waterproof micro-switches are applied in the cold,damp, dusty and other harsh environments.
- / Permanent magnet motor drive system is with small size, light weight, low loss and high efficiency.



High-Power,high-performance lifting pumping station



Permanent magnet motor drive system



Germany imported waterproof micro-switches



Four colored LED battery meter



Reinforcing ribs are set between the inner and outer masts



Key switch and meter are integrated in the handle

J Series Electric Stacker Specification

|                        |             |                                                  |                        |                     |      |      |      |      |      |  |
|------------------------|-------------|--------------------------------------------------|------------------------|---------------------|------|------|------|------|------|--|
| Distinguishing<br>mark | 1.1         | Manufacturer                                     | HANGCHA GROUP CO.,LTD. |                     |      |      |      |      |      |  |
|                        | 1.2         | Manufacturer's type designation                  | CDD15-J                |                     |      |      |      |      |      |  |
|                        | 1.3         | Drive type                                       | Electric               |                     |      |      |      |      |      |  |
|                        | 1.4         | Operation                                        | Pedestrian             |                     |      |      |      |      |      |  |
|                        | 1.5         | Rated traction weight                            | Q (t)                  | 1.5                 |      |      |      |      |      |  |
|                        |             | Load capacity on Max. height                     | KG                     | 1500                | 1300 | 1100 | 900  | 800  | 700  |  |
|                        | 1.6         | Load center distance                             | c (mm)                 | 600                 |      |      |      |      |      |  |
|                        | 1.8         | Axle centre to fork face                         | x (mm)                 | 720                 |      |      |      |      |      |  |
|                        | 1.9         | Wheel base                                       | y (mm)                 | 1167                |      |      |      |      |      |  |
| Weights                | 2.1         | Service weight(with battery)                     | kg                     | 415                 | 460  | 477  | 495  | 503  | 515  |  |
| Wheels/Tyes            | 3.1         | Tires                                            | PU                     |                     |      |      |      |      |      |  |
|                        | 3.2         | Driving wheel size                               | Φ×w(mm)                | Φ 210×70            |      |      |      |      |      |  |
|                        | 3.3         | Bearing wheel size                               | Φ×w(mm)                | Φ 80×70             |      |      |      |      |      |  |
|                        | 3.4         | Additional wheels(dimensions)                    | Φ×w(mm)                | Φ 115×55            |      |      |      |      |      |  |
|                        | 3.5         | Wheels, number front/rear (x = driven)           |                        | 1x+1/4              |      |      |      |      |      |  |
|                        | 3.6         | Tread, front                                     | b10 (mm)               | 522                 |      |      |      |      |      |  |
|                        | 3.7         | Tread, rear                                      | b11 (mm)               | 410/535             |      |      |      |      |      |  |
| Dimensions             | 4.2         | Lowered mast height                              | h1 (mm)                | 2015                | 1495 | 1745 | 1995 | 2145 | 2245 |  |
|                        | 4.3         | Free lifting height                              | h2 (mm)                | 1600                | 0    | 0    | 0    | 0    | 0    |  |
|                        | 4.4         | The max. lifting height                          | h3 (mm)                | 1600                | 2000 | 2500 | 3000 | 3300 | 3500 |  |
|                        | 4.5         | Extended mast height                             | h4 (mm)                | 2015                | 2452 | 2952 | 3452 | 3752 | 3952 |  |
|                        | 4.9         | Height of handle in drive position min./max.     | h14 (mm)               | 700/1225            |      |      |      |      |      |  |
|                        | 4.15        | Lowered fork height                              | h13 (mm)               | 86                  |      |      |      |      |      |  |
|                        | 4.19        | Overall length                                   | l1 (mm)                | 1740                |      |      |      |      |      |  |
|                        | 4.20        | Length to fork face                              | l2 (mm)                | 590                 |      |      |      |      |      |  |
|                        | 4.21        | Overall width                                    | b1/ b2 (mm)            | 795                 |      |      |      |      |      |  |
|                        | 4.22        | Fork dimensions                                  | s/e/l (mm)             | 60/160/1150         |      |      |      |      |      |  |
|                        | 4.25        | Width of forks                                   | b5 (mm)                | 570/695             |      |      |      |      |      |  |
|                        | 4.32        | Min.Ground clearance                             | m2 (mm)                | 26                  |      |      |      |      |      |  |
|                        | 4.33        | Aisle width with pallet 1000 x 1200 across forks | Ast (mm)               | 2074                |      |      |      |      |      |  |
|                        | 4.34        | Aisle width with pallet 800 x 1200 along forks   | Ast (mm)               | 2040                |      |      |      |      |      |  |
|                        | Performance | 4.35                                             | Min.Turning radius     | Wa (mm)             | 1342 |      |      |      |      |  |
| 5.1                    |             | Travel speed,laden/unladen                       | (km/h)                 | 4.0/4.2             |      |      |      |      |      |  |
| 5.2                    |             | Lifting speed, with/without load                 | (mm/s)                 | 92/136              |      |      |      |      |      |  |
| 5.3                    |             | Lowering speed, with/without load                | (mm/s)                 | 112/98              |      |      |      |      |      |  |
| 5.8                    |             | Maximum climbing ability, with/without load      | (%)                    | 6/8                 |      |      |      |      |      |  |
| Drive                  | 5.10        | Service brake                                    |                        | Electromagnetic     |      |      |      |      |      |  |
|                        | 6.1         | Drive motor, 60 minute rating                    | (kW)                   | 0.75                |      |      |      |      |      |  |
|                        | 6.2         | Lift motor rating at S3 15%                      | (kW)                   | 2.2                 |      |      |      |      |      |  |
|                        | 6.3         | DIN 43531/35/36 A,B,C,no                         |                        | no                  |      |      |      |      |      |  |
|                        | 6.4         | Battery voltage                                  | (V/Ah)                 | 2×12/100            |      |      |      |      |      |  |
| Others                 | 6.5         | Battery weight (± 5%)                            | (kg)                   | 2×27                |      |      |      |      |      |  |
|                        | 8.1         | Type of drive control                            |                        | DC                  |      |      |      |      |      |  |
|                        | 8.4         | Noise level at operator's ear                    | (dB(A))                | 69                  |      |      |      |      |      |  |
|                        | 10.5        | Steering type                                    |                        | Mechanical steering |      |      |      |      |      |  |

