

CDD12J-Li/CDD12JD-Li

CDD12J-Li/CDD12JD-Li

Lithium-ion battery pallet stacker

Characteristics:

- High power lift pump has high working efficiency.
- Side driving design achieves a smaller steering radius and wide view.
- The driving system with permanent magnetic motor has small volume, light weight and low consumption.
- German water-proof inching switch meets the requirements of harsh working condition such as cold, humidity and dust circumstances.
- Four colors LED electricity meter makes it simple and easy to read.
- External charger has better cooling performance.
- It's more comfortable and easier for operator using a super long handle that integrates with lifting button, key switch, electricity meter, which is suitable for ergonomics; more accurate speed control with turtle speed switch; more durable with high quality air-pressure springs which allows slowly and automatically reset.
- Iron steel protection guard with high density, which is more durable, firm and has high protection effect.
- Maintenance-free battery.



Manufacturer's Data and Design Characteristics

| Characteristics | | | | | | | | | |
|-----------------|--|-------------|-----------------------|-------------|------|------|------|------------|--|
| 1.01 | Manufacturer | | | | | | | | |
| 1.02 | Model | | CDD12J-Li | | | | | CDD12JD-Li | |
| 1.03 | Operation | | Pedestrian propelled | | | | | | |
| 1.04 | Rated traction weight | Q (kg) | 1200 | | | | | | |
| 1.05 | Mast type | | Single mast | 2-Stage STD | | | | Mono mast | |
| 1.06 | Lift | h3 (mm) | 1600 | 2000 | 2500 | 3000 | 3500 | 1600 | |
| 1.07 | Capacity at highest height | kg | 1200 | 1050 | 900 | 750 | 600 | 1200 | |
| 1.08 | Service weight (include battery) | kg | 358 | 404 | 418 | 450 | 472 | 368 | |
| 1.09 | Load centre | c (mm) | 600 | | | | | | |
| 1.10 | Axle centre to fork face | x (mm) | 780 | | | | | | |
| 1.11 | Wheel base | y (mm) | 1230 | | | | | 1100 | |
| 1.12 | Controller | | CURTIS | | | | | | |
| Wheels/Tyres | | | Polyurethane | | | | | | |
| 2.01 | Wheels type | Φ × w (mm) | Φ210 × 70 | | | | | | |
| 2.02 | Driving wheel size | Φ × w (mm) | Φ80 × 70 | | | | | | |
| 2.03 | Bearing wheel size | Φ × w (mm) | Φ150 × 58 | | | | | | |
| 2.04 | Additional wheels (dimensions) | | 1x+1/4 | | | | | | |
| 2.05 | Wheels, number front/rear (x = driven) | | | | | | | | |
| Dimensions | | | | | | | | | |
| 3.01 | Height of mast, lowered | h1 (mm) | 2014 | 1495 | 1745 | 1995 | 2245 | 1990 | |
| 3.02 | Height of mast, extended | h4 (mm) | 2014 | 2452 | 2952 | 3452 | 3952 | 2060 | |
| 3.03 | Fork Height, Lowered | h13 (mm) | 86 | | | | | | |
| 3.04 | Overall length | l1 (mm) | 1755 | | | | | 1632 | |
| 3.05 | Length to fork face | l2 (mm) | 605 | | | | | 482 | |
| 3.06 | Overall width | b1/ b2 (mm) | 795 | | | | | | |
| 3.07 | Fork dimensions | s/e/l (mm) | 60/160/1150 | | | | | | |
| 3.08 | Width of forks | b5 (mm) | 570/650/695 | | | | | | |
| 3.09 | Min. Ground clearance | m2 (mm) | 26 | | | | | | |
| 3.10 | Aisle width with pallet 1000 x 1200 across forks | Ast (mm) | 2245 | | | | | 2120 | |
| 3.11 | Aisle width with pallet 800 x 1200 along forks | Ast (mm) | 2185 | | | | | 2060 | |
| 3.12 | Min. Turning radius | Wa (mm) | 1405 | | | | | 1280 | |
| Performance | | | | | | | | | |
| 4.01 | Travel speed, with/without load | (km/h) | 4.0/4.2 | | | | | | |
| 4.02 | Lifting speed, with/without load | (mm/s) | 92/136 | | | | | | |
| 4.03 | Lowering speed, with/without load | (mm/s) | 112/98 | | | | | | |
| 4.04 | Max. gradeability laden/unladen | (%) | 3/10 | | | | | | |
| 4.05 | Service brake | | Electromagnetic brake | | | | | | |
| Drive | | | | | | | | | |
| 5.01 | Drive motor, output S2 60 min. | (kW) | 0.75 | | | | | | |
| 5.02 | Lift motor rating at S3 15% | (kW) | 2.2 | | | | | | |
| 5.03 | Battery according to DIN 43531/35/36 A,B,C,no | | no | | | | | | |
| 5.04 | Battery voltage/rated capacity | (V/Ah) | 24/60 (LFP) | | | | | | |
| 5.05 | Battery weight (± 5%) | (kg) | 16 | | | | | | |
| Others | | | | | | | | | |
| 6.01 | Noise level at operator's ears | (dB(A)) | ≤70 | | | | | | |
| 6.02 | Steering type | | Mechanical steering | | | | | | |

