

HELI

CDD16J

Electric pallet stacker

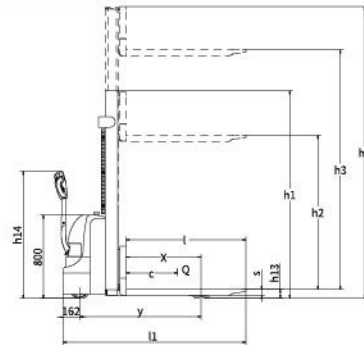
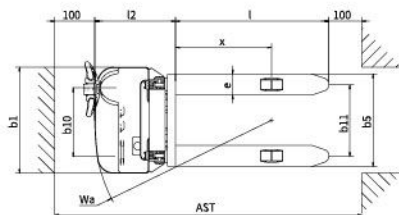
Characteristics:

1. AC drive; carbon-brush free and maintenance free.
2. ZF transmission box has superior performance, high working and energy efficiency.
3. The truck adopts side operation mode and has small turning radius and wide view.
4. Imported waterproof inching switch is suitable for harsh application such as cold, humid and dust environment.
5. LED electricity meter with four color is easy for reading.
6. External placed charger has better cooling performance.
7. Over length operation handle integrating lifting buttons, key switch and electricity meter satisfy ergonomic requirements and make operation easier; low speed switch makes speed control more accurate; good air pressure type can reset automatically and slowly and it is durable.
8. High-density protection guard is solid and durable.



Manufacturer's Data and Design Characteristics

| Characteristics | | | | | | | |
|-------------------|---|----------------------|-----------------------|-------------|------|------|------|
| 1.1 | Manufacturer | | (HELI) | | | | |
| 1.2 | Model | | CDD16J | | | | |
| 1.3 | Operator type | | Pedestrian propelled | | | | |
| 1.4 | Rated capacity | Q (kg) | 1600 | | | | |
| 1.5 | Mast type | | Single mast | 2-Stage STD | | | |
| 1.6 | Lift height | h3 (mm) | 1600 | 2000 | 2500 | 3000 | 3500 |
| 1.7 | Capacity at highest height | kg | 1600 | 1600 | 1600 | 1350 | 1100 |
| 1.8 | Service weight with battery | kg | 420 | 485 | 510 | 535 | 560 |
| 1.9 | Load centre | c (mm) | 600 | | | | |
| 1.10 | Axle centre to fork face | x (mm) | 720 | | | | |
| 1.11 | Wheel base | y (mm) | 1167 | | | | |
| 1.12 | Controller | | CURTIS | | | | |
| Wheels | | | | | | | |
| 2.1 | Tyre type | | Polyurethane | | | | |
| 2.2 | Tyre size, Driving wheel | $\Phi \times w$ (mm) | $\Phi 230 \times 70$ | | | | |
| 2.3 | Bearing wheel size | $\Phi \times w$ (mm) | $\Phi 80 \times 70$ | | | | |
| 2.4 | Additional wheels (dimensions) | $\Phi \times w$ (mm) | $\Phi 150 \times 58$ | | | | |
| 2.5 | Wheels, number front/rear (x=driven) | | 1x+1/4 | | | | |
| Dimensions | | | | | | | |
| 3.1 | Height of mast, lowered | h1 (mm) | 2014 | 1495 | 1745 | 1995 | 2245 |
| 3.2 | Height of mast, extended | h4 (mm) | 2014 | 2424 | 2924 | 3424 | 3924 |
| 3.3 | Lowered height | h13 (mm) | 86 | | | | |
| 3.4 | Overall length | l1 (mm) | 1755 | | | | |
| 3.5 | Length to fork face | l2 (mm) | 605 | | | | |
| 3.6 | Overall width | b1/ b2 (mm) | 795 | | | | |
| 3.7 | Fork dimensions | s/e/l (mm) | 60/180/1150 | | | | |
| 3.8 | Width of forks | b5 (mm) | 570/650/695 | | | | |
| 3.9 | Min.Ground clearance | m2 (mm) | 26 | | | | |
| 3.10 | Aisle width with pallet1000 x 1200 across forks | AST (mm) | 2068 | | | | |
| 3.11 | Aisle width with pallet800 x 1200 along forks | AST (mm) | 2034 | | | | |
| 3.12 | Min.Turning radius | Wa (mm) | 1336 | | | | |
| Performance | | | | | | | |
| 4.1 | Travel spees,with/without load | (km/h) | 4.0/4.2 | | | | |
| 4.2 | Lifting speed, with/without load | (mm/s) | 92/136 | | | | |
| 4.3 | Lowering speed, with/without load | (mm/s) | 112/98 | | | | |
| 4.4 | Max. gradeability laden/unladen | (%) | 6/8 | | | | |
| 4.5 | Service brake type | | Electromagnetic brake | | | | |
| Drive and Battery | | | | | | | |
| 5.1 | Drive motor,output S2 60 min. | (kW) | 1.5 (AC) | | | | |
| 5.2 | Lift motor rating at S3 15% | (kW) | 2.2 | | | | |
| 5.3 | Battery according to DIN 43531/35/36 A,B,C,no | | no | | | | |
| 5.4 | Battery voltage/rated capacity | (V/Ah) | 2×12/120 | | | | |
| 5.5 | Battery weight (± 5%) | (kg) | 2×34 | | | | |
| Others | | | | | | | |
| 6.1 | Sound pressure level at driver 's ear | (dB(A)) | 70 | | | | |
| 6.2 | Steering type | | Mechanical steering | | | | |



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