

# HELI

## CDD10R-S CDD12R-S

### Electric Stacker with Initial Lift

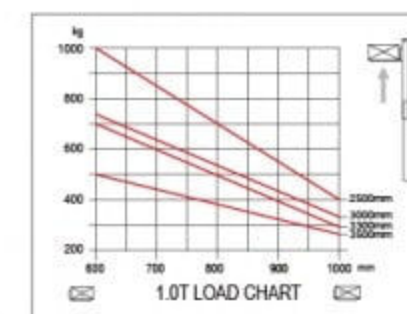
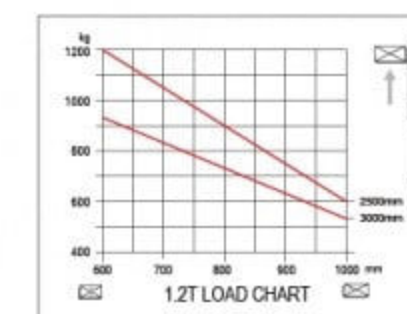
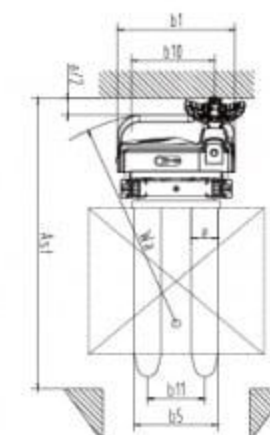
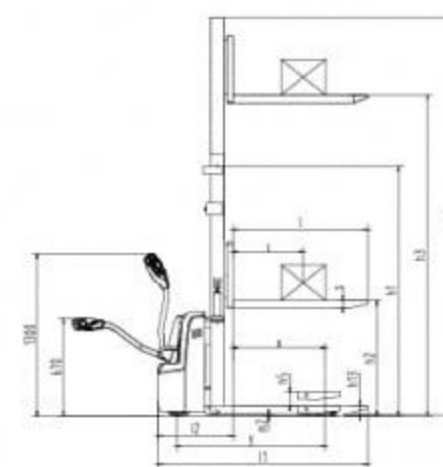
#### Characteristics

- The truck features compact design, small dimensions and excellent visibility.
- The truck adopts 4- points support structure, side positioned tiller and low center of gravity design which featuring excellent stability.
- Double pallet design: two pallet can be handled at one time; initial lift of load leg increases ground clearance to facilitate traffic ability on ramps, dock levelers and bridge.
- Vertical driving wheel offers small turning radius; dustproof waterproof motor is easy for maintenance.
- High efficient electromagnetic parking brake offers good ramp braking performance.
- Low voltage protection setting prolongs the battery life.
- Height adjustable balance wheel ensures the drive wheel life.

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#### Manufacturer's Data and Technical Characteristics

|                          |                                                  |       |              |                     |                |
|--------------------------|--------------------------------------------------|-------|--------------|---------------------|----------------|
| Character                |                                                  |       |              |                     |                |
| 1.01                     | Manufacturer                                     |       | HELI         |                     |                |
| 1.02                     | Model                                            |       | CDD10R-S     | CDD12R-S            |                |
| 1.03                     | Mast type                                        |       | 2-stage mast |                     |                |
| 1.04                     | Load capacity                                    | Q     | kg           | 1000                | 1200           |
| 1.05                     | Load center distance                             | C     | mm           | 600                 |                |
| 1.06                     | Driving mode                                     |       | Walkie       |                     |                |
| 1.07                     | Front overhang                                   | x     | mm           | 788                 |                |
| 1.08                     | Wheel base                                       | Y     | mm           | 1268                |                |
| Tyre                     |                                                  |       |              |                     |                |
| 2.01                     | Tyre type                                        |       | Polyurethane |                     |                |
| 2.02                     | Wheels number,Front/rear(X=driven wheels)        |       | 1x+1/4       |                     |                |
| 2.03                     | Track Width,front                                | b10   | mm           | 523                 |                |
| 2.04                     | Track Width,rear                                 | b11   | mm           | 390                 |                |
| 2.04                     | Wheel size, front                                |       | mm           | ø195x70             |                |
| 2.05                     | Wheel size, rear                                 |       | mm           | ø80x70              |                |
| 2.06                     | Wheel size, additional                           |       | mm           | ø150x60             |                |
| Dimension                |                                                  |       |              |                     |                |
| 3.01                     | Lift height                                      | h3    | mm           | 1600/2500/3000/3300 | 1600/2500/3000 |
| 3.02                     | Height, mast extended                            | h4    | mm           | 2122/3092/3592/3892 | 2122/3092/3592 |
| 3.03                     | Height, mast lowered                             | h1    | mm           | 2122/1872/2122/2272 | 2122/1872/2122 |
| 3.04                     | Height,lowered                                   | h13   | mm           | 90                  |                |
| 3.05                     | Initial lift                                     | h5    | mm           | 120                 |                |
| 3.06                     | Fork size                                        | s/e/l | mm           | 60/180/1070(1150)   |                |
| 3.07                     | Overall length                                   | l1    | mm           | 1709/1789           |                |
| 3.08                     | Length to face of forks                          | l2    | mm           | 639                 |                |
| 3.09                     | Overall width                                    | b1    | mm           | 800                 |                |
| 3.10                     | Width across forks                               | b5    | mm           | 570                 |                |
| 3.11                     | Turning radius                                   | Wa    | mm           | 1450                |                |
| 3.12                     | Aisle width with pallet 800Wx1200L,clearance 200 | Ast   | mm           | 2224                |                |
| 3.13                     | round clearance                                  | m2    | mm           | 17~137              |                |
| Performance              |                                                  |       |              |                     |                |
| 4.01                     | Travelling speed,laden/unladen                   |       | km/h         | 4.5/5               |                |
| 4.02                     | Lifting speed,laden/unladen                      |       | m/s          | 0.11/0.14           |                |
| 4.03                     | Lowering speed,laden/unladen                     |       | m/s          | 0.12/0.10           | 0.12/0.12      |
| 4.04                     | Gradeability,laden/unladen                       |       | %            | 6/15                |                |
| Electrical configuration |                                                  |       |              |                     |                |
| 5.01                     | Drive moter power                                |       | kw           | 0.65                |                |
| 5.02                     | Lifting moter power                              |       | kw           | 2.2                 |                |
| 5.03                     | Battery voltage                                  |       | V            | 24                  |                |
| 5.04                     | Battery capacity                                 |       | Ah           | 105(125)            |                |
| 5.05                     | Battery dimensions l/w/h                         |       | mm           | 329x172x214         |                |
| 5.06                     | Controller                                       |       |              | CURTIS              |                |
| 5.07                     | Brake                                            |       |              | Electromagnetic     |                |
| Weight                   |                                                  |       |              |                     |                |
| 6.01                     | Total weight(with battery)                       |       | kg           | 605/670/690/702     | 675/740/760    |
| 6.02                     | Battery weight                                   |       | kg           | 60.8                |                |



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