

HELI合力

## CBD15 20-AH ALiH

步行式电动托盘搬运车 Electric pallet truck

### 产品性能特点:

- 整车简洁、可靠、易操作,标配直立行走功能,适合在狭小空间作业;
- 整车经过充分强化验证,可靠耐用;
- 预留电磁制动解锁装置,保证车辆出现故障时能移走维修;
- 覆盖件采用内部固定方式,防止碰撞紧固螺栓,电池拆卸、维修方便;
- 标配内置充电器,随充随用,为客户使用提供便利;
- 一体化手柄设计,锂电车型标配智能手柄,(实现故障显示、密码锁、小时计、CAN通讯等)操作简单舒适;
- 电池容量大,续航能力强;
- 锂电车型采用手提式锂电池包,电池更换轻松、便捷;
- 标配急停开关和紧急反向装置,确保使用安全;
- 具备断电刹车功能,手柄松开或压到底部,车辆立即断电刹车;
- 行车制动采用电磁制动与电机制动双重保障,确保行车安全;
- 整车宽配置,可选配货叉长度、货叉宽度等;
- 可选配平衡轮,提升车身稳定性;
- 可选配转弯限速,提升操作安全性。

### Characteristics:

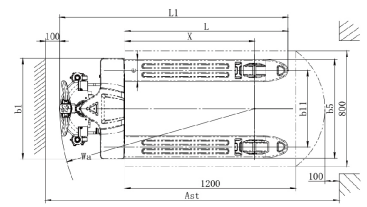
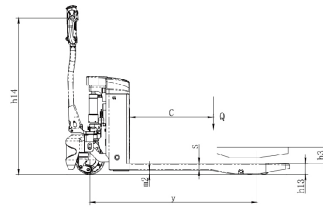
- The vehicle is simple and reliable, easy to operate. It is standard with upright walking function, suitable for narrow space operation.
- Full experimental verification of the vehicle, reliable and durable;
- Electromagnetic brake unlocking device reversed to ensure that vehicles can be removed in case of the vehicle fails.
- The covering parts are fixed internally to prevent collisions with fastening bolts. The battery is easy to remove and maintain;
- Standard the internal charger, convenient for customers to charge.
- All metal body design, new PI shape, novel appearance, reliable and durable;
- Integrated handle, the lithium type is equipped with a smart handle, (Display the fault code in real time, coded lock, hour meter, CAN etc.), operation is simple and comfortable;
- Large battery capacity, strong endurance;
- The lithium type uses a portable lithium battery package, the battery replacement is easy and convenient;
- Standard the emergency stop switch and emergency reverse device to ensure the safety of use;
- With the power -off automatic brake function, the handle is loosen or pressed to the bottom, and the vehicle immediately powered off and braked;
- Driving braking uses the dual guarantee of electromagnetic braking and motor brake to ensure driving safety;
- The sufficient configuration of the vehicle, optional fork length, optional fork width, etc.
- Optional balance wheels to improve body stability;
- Optional turning speed limit to improve operational safety.



锂电池动力

## CBD15 20-AH ALiH

| 制造商和技术参数 Manufacturer's Data and Design Characteristics |                             |                                                |                           |    |                         |     |                         |     |                         |     |                         |
|---------------------------------------------------------|-----------------------------|------------------------------------------------|---------------------------|----|-------------------------|-----|-------------------------|-----|-------------------------|-----|-------------------------|
| 特性                                                      |                             | Characteristics                                |                           |    |                         |     |                         |     |                         |     |                         |
| 1.01                                                    | 制造商                         | Manufacturer                                   |                           |    | 合力HELI                  |     | 合力HELI                  |     | 合力HELI                  |     | 合力HELI                  |
| 1.02                                                    | 型号                          | Model                                          |                           |    | CBD15                   |     | CBD20                   |     | CBD15                   |     | CBD20                   |
| 1.03                                                    | 配置号                         | Configuration number                           |                           |    | A/BH                    |     | A/BH                    |     | A/BLH                   |     | A/BLH                   |
| 1.04                                                    | 操作方式                        | Type of operation                              |                           |    | 步行式Pedestrian propelled |     | 步行式Pedestrian propelled |     | 步行式Pedestrian propelled |     | 步行式Pedestrian propelled |
| 1.05                                                    | 额定承载能力                      | Rated capacity                                 | Q                         | kg | 1500                    |     | 2000                    |     | 1500                    |     | 2000                    |
| 1.06                                                    | 载荷中心距                       | Load center distance                           | c                         | mm | 600                     |     | 600                     |     | 600                     |     | 600                     |
| 1.07                                                    | 提升高度                        | Lift height                                    | h3                        |    | 115                     |     | 115                     |     | 115                     |     | 115                     |
| 1.08                                                    | 前悬距                         | Front overhang                                 | x                         | mm | 915                     |     | 915                     |     | 915                     |     | 915                     |
| 1.09                                                    | 轴距                          | Wheelbase                                      | y                         | mm | 1256                    |     | 1294                    |     | 1197                    |     | 1197                    |
| 轮胎                                                      |                             | Tyres                                          |                           |    |                         |     |                         |     |                         |     |                         |
| 2.01                                                    | 轮胎类型                        | Type type                                      | 聚氨酯Polyurethane           |    |                         |     |                         |     |                         |     |                         |
| 2.02                                                    | 轮胎尺寸, 驱动轮                   | Tyre size,driving wheels                       | φ*W                       | mm | φ210*75                 |     | φ210*75                 |     | φ210*75                 |     | φ210*75                 |
| 2.03                                                    | 轮胎尺寸, 承载轮                   | Tyre size,loading wheels                       | φ*W                       | mm | 2*φ80*61                |     | 2*φ80*61                |     | 2*φ80*61                |     | 2*φ80*61                |
| 2.04                                                    | 轮胎尺寸, 辅助轮                   | Tyre size,additional wheels                    | φ*W                       | mm | 2*φ70*30 (选配Option)     |     | 2*φ70*30 (选配Option)     |     | 2*φ70*30 (选配Option)     |     | 2*φ70*30 (选配Option)     |
| 2.05                                                    | 车轮数量, 前/后 (x=驱动轮)           | Wheels,number front/rear (x=driven wheels)     |                           |    | 1x/4 or 1x+2/4          |     | 1x/4 or 1x+2/4          |     | 1x/4 or 1x+2/4          |     | 1x/4 or 1x+2/4          |
| 2.06                                                    | 轮距, 承载端                     | track width,loading side                       | b11                       | mm | 395                     | 530 | 395                     | 530 | 395                     | 530 | 395 530                 |
| 尺寸                                                      |                             | Dimensions                                     |                           |    |                         |     |                         |     |                         |     |                         |
| 3.01                                                    | 整车长度                        | Overall length                                 | L1                        | mm | 1662                    |     | 1698                    |     | 1603                    |     | 1603                    |
| 3.02                                                    | 整车宽度                        | Overall width                                  | b1                        | mm | 562                     | 697 | 562                     | 697 | 562                     | 697 | 562 697                 |
| 3.03                                                    | 货叉尺寸                        | Fork dimension                                 | s/el                      | mm | 50*155*1150/1200        |     | 50*155*1150/1200        |     | 50*155*1150/1200        |     | 50*155*1150/1200        |
| 3.04                                                    | 货叉外宽                        | Width of forks                                 | b5                        | mm | 550                     | 685 | 550                     | 685 | 550                     | 685 | 550 685                 |
| 3.05                                                    | 货叉最低高度                      | Lowered height                                 | h13                       | mm | 80                      |     | 80                      |     | 80                      |     | 80                      |
| 3.06                                                    | 轴距中心处离地间隙                   | Min.Ground clearance                           | m2                        | mm | 30                      |     | 30                      |     | 30                      |     | 30                      |
| 3.07                                                    | 操作位置手柄杆最小/最大高度              | Height drawbar in driving position min/max     | h14                       | mm | 730/1182                |     | 730/1182                |     | 730/1182                |     | 730/1182                |
| 3.08                                                    | 通道宽度:1000x1200托盘(1200跨货叉放置) | Aisle width with pallet 1000x1200 across forks | As1                       | mm | 2235                    |     | 2273                    |     | 2175                    |     | 2175                    |
| 3.09                                                    | 通道宽度:800x1200托盘(1200沿货叉放置)  | Aisle width with pallet 800x1200 along forks   | As2                       | mm | 2122                    |     | 2160                    |     | 2062                    |     | 2062                    |
| 3.10                                                    | 转弯半径                        | Min.Turning radius                             | Wa                        | mm | 1430                    |     | 1468                    |     | 1370                    |     | 1370                    |
| 性能                                                      |                             | Performance Data                               |                           |    |                         |     |                         |     |                         |     |                         |
| 4.01                                                    | 行驶速度 (满载/空载)                | Travel speed (laden/unladen)                   | km/h                      |    | 4/4.5                   |     | 4.5/5                   |     | 4.5/5                   |     | 4.5/5                   |
| 4.02                                                    | 起升速度 (满载/空载)                | Lift speed (laden/unladen)                     | mm/s                      |    | 28/40                   |     | 20/37                   |     | 28/40                   |     | 20/37                   |
| 4.03                                                    | 下降速度 (满载/空载)                | Lowering speed (laden/unladen)                 | mm/s                      |    | 60/40                   |     | 50/40                   |     | 60/40                   |     | 50/40                   |
| 4.04                                                    | 最大爬坡能力 (满载/空载)              | Max.gradeability (laden/unladen)               | %                         |    | 6/16                    |     | 6/16                    |     | 6/16                    |     | 6/16                    |
| 4.05                                                    | 制动类型                        | Service brake type                             | 电磁制动Electromagnetic brake |    |                         |     |                         |     |                         |     |                         |
| 电池和充电器                                                  |                             | Battery                                        |                           |    |                         |     |                         |     |                         |     |                         |
| 5.01                                                    | 蓄电池电压/容量                    | Battery voltage/rated capacity                 | V/kh                      |    | 24V/65/85Ah             |     | 48V/ (30/42Ah)          |     | 24V/ (40/50/60Ah)       |     | 48V/ (20/30Ah)          |
| 5.02                                                    | 蓄电池重量(±5%)                  | Battery weight                                 | kg                        |    | 30                      |     | 40                      |     | 8                       |     | 12                      |
| 5.03                                                    | 充电器规格                       | Charger specification                          |                           |    | 24V/10Ah                |     | 48V/5Ah                 |     | 24V/15Ah                |     | 48V/9Ah                 |
| 电机和控制器                                                  |                             | Motor and controller                           |                           |    |                         |     |                         |     |                         |     |                         |
| 6.01                                                    | 驱动电机功率 (S2-60min)           | Driving motor powering (S2-60min)              | kW                        |    | 0.75                    |     | 1                       |     | 0.75                    |     | 1                       |
| 6.02                                                    | 起升电机功率 (S3-15%)             | Lifting motor powering (S3-15%)                | kW                        |    | 0.8                     |     | 0.8                     |     | 0.8                     |     | 0.8                     |
| 6.03                                                    | 控制器                         | Controller                                     |                           |    | 嘉晨                      |     | 前拓                      |     | 嘉晨                      |     | 前拓                      |
| 重量                                                      |                             | Weight                                         |                           |    |                         |     |                         |     |                         |     |                         |
| 7.01                                                    | 总重 (含电池)                    | Total weight (with battery)                    | kg                        |    | 195/210                 |     | 205/220                 |     | 175/180                 |     | 175/180                 |
| 7.02                                                    | 桥负载 (满载, 驱动轮/承载轮)           | Axle load (laden,front/rear)                   | kg                        |    | 511/1184                |     | 521/1188                |     | 631/1574                |     | 642/1578                |
| 7.03                                                    | 桥负载 (空载, 前/后)               | Axle load (unladen,front/rear)                 | kg                        |    | 134/61                  |     | 143/67                  |     | 143/62                  |     | 153/67                  |
| 其他                                                      |                             | Addition data                                  |                           |    |                         |     |                         |     |                         |     |                         |
| 8.01                                                    | 驱动控制类型                      | Type of drive control                          | 直流速度控制DC                  |    |                         |     |                         |     |                         |     |                         |
| 8.02                                                    | 驾驶员耳边噪音水平                   | Sound pressure level at the driver's ear       | dB(A)                     |    | ≤69                     |     | ≤69                     |     | ≤69                     |     | ≤69                     |
| 8.03                                                    | 转向类型                        | Steering type                                  | 机械转向Manual steering       |    |                         |     |                         |     |                         |     |                         |



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