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"Hangcha Forklift"  
App herunterladen



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

HANGCHA Group Co., LTD behält sich das Recht vor, Änderungen bezgl. Farbe, Spezifikationen, Ausstattung und sonstige Details, dierer Bröschüre ohne Vorankündigung vorzunehmen. Fahrzeugfarben können von den Farben in dieser Brochure abweichen.

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## A Series Pallet Truck Basic Range

with capacities of 2,000kg

*The World of Hangcha*



High Performance

- / AC travelling motor applied to provide excellent acceleration, good gradeability, low heat, no carbon brush and maintenance free.
- / The latest CURTIS AC control system provides accurate and stable control to work more efficient.
- / The applied CANBUS structure to offer more reliable and faster command access.
- / Regenerative brake and slope anti-slide function are offered by this truck.

Comfort

- / The shock absorption design of foldable platform improves comfort greatly to the operator.
- / Simple and beautiful tiller designed to operate all functions easily even by one hand.
- / Displayed turtle speed function applied to move slowly and helps to stack goods in narrow spaces.
- / Optimized designing structure to offer a good visibility and easy entrance of the pallet.
- / The compact body and big rounded design provide an ideal operation in limited space, and the wedge designed chassis greatly increases the passing ability.

Reliability

- / Five-pivot with low centre of gravity design and high strength steel frame structure chassis provide larger residual load capability and longer working life.
- / Water-proof plugs and connectors applied to provide a reliable protection to electric system.
- / The adopted unique floating suspension system ensures good driving wheels’ grip and excellent stability.
- / Top quality hydraulic power unit applied to provide low noise, low vibration, smooth lifting and landing reliable operation.
- / Punch-formed forks to provide more strength and tip guide to provide higher efficient operation.
- / The power plug is fixed on the truck body to avoid damage from battery installment.

Safety

- / With three braking types: releasing brake, reversing brake and emergency brake, the driving safety has been ensured.
- / The applied slope anti-slip function ensures the safety of the operation.
- / The emergency button on the tiller head can effectively avoid the harm to the driver.
- / The standard equipped electronic lifting limitation and intellectual control limitation to offer double protection to working motor and loads from damaging.



Standard Specification

- / Horn

/ Pedal (only CBD20-AEC1S)

/ AC drive wheel

/ Tandem load wheels

/ 1150mm fork length

/ CURTIS AC controller
- / Hydraulic power unit

/ 540mm outside fork width

/ Electronic lifting limitation

/ Emergency disconnect switch

/ Multi-function battery indicator

/ CAN-bus system multi-function tiller

Options

- / Load backrest
- / Guide roller of pallet
- / Handrail
- / 210Ah, 240Ah, battery
- / Different outside fork width (560mm, 600mm, 650mm,680mm,700mm)
- / Cold store protection (-30 C)
- / Different length of forks (1220mm,1400mm, 1600mm, 2000mm,2150mm,2400mm)



Stand-on

A Series Pallet Truck Basic Range

| Distinguishing mark | 1.1    | Manufacturer                                                    |               | HANGCHA GROUP CO.,LTD.    |                           |
|---------------------|--------|-----------------------------------------------------------------|---------------|---------------------------|---------------------------|
|                     | 1.2    | Manufacturer’s type designation                                 |               | CBD20-AEC2S               | CBD20-AEC2                |
|                     | 1.4    | Operator type: hand, pedestrian, standing, seated, order-picker |               | Standing                  | Pedestrian                |
|                     | 1.5    | Rated capacity/rated load                                       | Q (kg/lb)     | 2000/4409                 | 2000/4409                 |
|                     | 1.6    | Load centre distance                                            | c (mm/in)     | 600/23.6                  | 600/23.6                  |
|                     | 1.9    | Wheelbase                                                       | y (mm/in)     | 1415/55.7                 | 1415/55.7                 |
| Weight              | 2.1    | Service Weight                                                  | kg/lb         | 540/1190                  | 490/1080                  |
|                     |        |                                                                 |               |                           |                           |
| Tyres, chassis      | 3.1    | Tyres: solid rubber, superelastic, pneumatic, polyurethane      |               | PU                        | PU                        |
|                     | 3.2    | Tyre size, front                                                | mm/in         | Φ250x80/9.8x3.1           | Φ250x80/9.8x3.1           |
|                     | 3.3    | Tyre size, rear                                                 | mm/in         | Φ85x70/3.3x2.8            | Φ85x70/3.3x2.8            |
|                     | 3.4    | Additional wheel (dimensions)                                   | mm/in         | Φ100x40/3.9x1.6           | Φ100x40/3.9x1.6           |
|                     | 3.5    | Wheels, number front / rear (x = driven wheels)                 |               | 1x+2/4                    | 1x+2/4                    |
|                     | 3.6    | Tread, front                                                    | b10 (mm/in)   | 534/21                    | 534/21                    |
|                     | 3.7    | Tread, rear                                                     | b11 (mm/in)   | 370/14.6                  | 370/14.6                  |
| Dimensions          | 4.4    | Lift                                                            | h3 (mm/in)    | 125/4.9                   | 125/4.9                   |
|                     | 4.15   | Fork height,lowered                                             | h13 (mm/in)   | 85/3.3                    | 85/3.3                    |
|                     | 4.19   | Overall length                                                  | l1 (mm/in)    | 1820(2252)/71.7(88.7)     | 1770/69.7                 |
|                     | 4.21   | Overall width                                                   | b1 (mm/in)    | 750/29.5                  | 750/29.5                  |
|                     | 4.22   | Fork dimensions ISO 2331                                        | s/e/l (mm/in) | 64x170x1150(2.5x6.7x45.3) | 64x170x1150(2.5x6.7x45.3) |
|                     | 4.25   | Distance between fork-arms                                      | b5 (mm/in)    | 540/680(21.3/26.8)        | 540/680(21.3/26.8)        |
|                     | 4.32   | Ground clearance,center of wheelbase                            | m2 (mm/in)    | 25/1                      | 25/1                      |
|                     | 4.34.1 | Aisle width for pallets 1000 x 1200 crossways                   | Ast (mm/in)   | 1967/77.4                 | 1902/74.9                 |
|                     | 4.34.2 | Aisle width for pallets 800 x 1200 lengthways                   | Ast (mm/in)   | 2017/79.4                 | 1952/76.9                 |
|                     | 4.35   | Turning radius                                                  | Wa (mm/in)    | 1597/62.9                 | 1532/60.3                 |
| Performance data    | 5.1    | Travel speed,laden/unladen                                      | km/h(mph)     | 5.0/5.0(3.1/3.1)          | 5.0/5.0(3.1/3.1)          |
|                     | 5.2    | Lift speed,laden/unladen                                        | m/s(ft/min)   | 0.030/0.045(5.9/8.9)      | 0.030/0.045(5.9/8.9)      |
|                     | 5.3    | Lowering speed,laden/unladen                                    | m/s(ft/min)   | 0.050/0.035(9.8/6.9)      | 0.050/0.035(9.8/6.9)      |
|                     | 5.8    | Max.Gradeability,laden/unladen                                  | %             | 6/15                      | 6/15                      |
|                     | 5.10   | Service brake                                                   |               | Eletromagnetic            | Eletromagnetic            |
| Electric engine     | 6.1    | Drive motor rating S2 60 min                                    | kw/hp         | 1.1/1.5                   | 1.1/1.5                   |
|                     | 6.2    | Lift motor rating at S3 15%                                     | kw/hp         | 0.8/1.1                   | 0.8/1.1                   |
|                     | 6.4    | Battery voltage,rated capacity                                  | V/Ah          | 24/165                    | 24/165                    |
|                     | 8.1    | Type of drive control                                           |               | AC                        | AC                        |
|                     | 9.1    | Manufacturer                                                    |               | CURTIS                    | CURTIS                    |

Note: 1). When fork lowered,+68mm/+2.68in  
2). When fork lowered,+40mm/+1.57in

