



A Series Pallet Truck Basic Range

with capacities of 2,000kg

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 | / Hydraulic power unit |
| / Pedal (only CBD20-AEC1S) | / 540mm outside fork width |
| / AC drive wheel | / Electronic lifting limitation |
| / Tandem load wheels | / Emergency disconnect switch |
| / 1150mm fork length | / Multi-function battery indicator |
| / CURTIS AC controller | / 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

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|---------------------|--------|---|-------------------------|----------------------------|---------------------------|
| Distinguishing mark | 1.1 | Manufacturer | | HANGCHA GROUP CO.,LTD. | |
| | 1.2 | Manufacturer's type designation | | CBD20-AEC2S CBD20-AEZ3S | CBD20-AEC2 CBD20-AEZ3 |
| | 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 | b ₁₀ (mm/in) | 534/21 | 534/21 |
| | 3.7 | Tread, rear | b ₁₁ (mm/in) | 370/14.6 | 370/14.6 |
| Dimensions | 4.4 | Lift | h ₃ (mm/in) | 125/4.9 | 125/4.9 |
| | 4.15 | Fork height,lowered | h ₁₃ (mm/in) | 85/3.3 | 85/3.3 |
| | 4.19 | Overall length | l ₁ (mm/in) | 1820(2252)/71.7(88.7) | 1770/69.7 |
| | 4.21 | Overall width | b ₁ (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 | b ₅ (mm/in) | 540/680(21.3/26.8) | 540/680(21.3/26.8) |
| | 4.32 | Ground clearance,center of wheelbase | m ₂ (mm/in) | 25/1 | 25/1 |
| | 4.34.1 | Aisle width for pallets 1000 x 1200 crossways | A _{st} (mm/in) | 1967/77.4 | 1902/74.9 |
| | 4.34.2 | Aisle width for pallets 800 x 1200 lengthways | A _{st} (mm/in) | 2017/79.4 | 1952/76.9 |
| | 4.35 | Turning radius | W _a (mm/in) | 1597/62.9 | 153260.3 |
| 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 |
| | 6.1 | Drive motor rating S2 60 min | kW/hp | 1.1/1.5 | 1.1/1.5 |
| Electric engine | 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 ZAPI | CURTIS ZAPI |

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

