



A Series Pallet Truck Basic Range

with capacities of 2,000kg



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ISO45001
ISO45001:2018



ISO14001
ISO14001:2015



ISO9001
ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.

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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 | / 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

A Series Pallet Truck Basic Range

		HANGCHA GROUP CO.,LTD.	
Distinguishing mark	1.1	Manufacturer	
	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
Weight	1.9	Wheelbase	y (mm/in) 1415/55.7 1415/55.7
	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 $\phi 250 \times 80/9.8 \times 3.1$ $\phi 250 \times 80/9.8 \times 3.1$
	3.3	Tyre size, rear	mm/in $\phi 85 \times 70/3.3 \times 2.8$ $\phi 85 \times 70/3.3 \times 2.8$
	3.4	Additional wheel (dimensions)	mm/in $\phi 100 \times 40/3.9 \times 1.6$ $\phi 100 \times 40/3.9 \times 1.6$
	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 _s (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
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

