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ISO14001  
ISO14001:2015



ISO9001  
ISO9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

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## T Series Premium Range Pallet Truck

with capacities of 2,000kg

The World of Hangcha



## Durability

- / Durable frame construction, with integrated welded forks brings the truck high rigidity, and long working life.
- / New butterfly drive controller is more easy for operator.
- / Integrated ZF transmission system, more reliable.

## Productivity

- / Compacted chassis design, makes the truck operated in limited spacious.
- / Powerful AC traction motor with Curtis control system.
- / Applied MOSEFET high frequency control.
- / Germany WICKE wheel.
- / Unique steering pivot design, which makes the drive motor suspends during steering.
- / Shock absorber are standard specification for the caster wheel, prolong the truck's working life time.



## Ergonomics

- / Tiller is ergonomically designed for Max. driver's comfort.
- / Dual lift/lower button controls allow operation by either hand.
- / Creep speed control button is available.
- / Conductor belt is standard specification.

## Options

- / 900mm, 923mm, 973mm, 1000mm, 1019mm, 1023mm, 1125mm, fork length
- / 520mm, 560mm, 670mm fork distances
- / Tandem load wheel
- / High frequency auto charger

## Serviceability

- / Battery discharge indicator with lifting interrupt as standard specification when 20% battery capacity available and inform the operator of recharge requirement.
- / IP54 environment sealing, which protect the inside componets.
- / Open the back cover, every components are easy to reach.

## Standard Specification

- / Poly. Drive wheel and load wheels
- / AC drive motor and control system
- / Emergency cut off switch
- / Combined hydraulic unit
- / LED panel
- / 220Ah battery



Stand-on

## T Series Premium Range Pallet Truck

		HANGCHA GROUP CO.,LTD.					
Distinguishing mark	1.1	Manufacturer	HANGCHA GROUP CO.,LTD.				
	1.2	Manufacturer's type designation	CBD20-TC1	CBD20-TC1	CBD20-TSC1	CBD20-TSC1	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Pedestrian	Pedestrian	Standing	Standing	
	1.5	Rated capacity/rated load	Q (kg/lb)	2000/4409	2000/4409	2000/4409	2000/4409
	1.6	Load centre distance	c(mm/in)	587/23.1	586/23.0	587/23.1	586/23.0
	1.8	Load distance, centre of drive axle to fork	x(mm/in)	942/37.0	893/35.2	942/37.0	893/35.2
	1.9	Wheelbase	y(mm/in)	1352/53.2	1304/51.3	1352/53.2	1304/51.3
		Wheelbase type		Single load wheels (Long wheelbase)	*Tandem load wheels (short wheelbase)	*Single load wheels (Long wheelbase)	Tandem load wheels (short wheelbase)
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	poly				
	3.2	Tyre size, front	mm/in	Φ250x100 / Φ9.8x3.9	Φ250x100 / Φ9.8x3.9	Φ250x100 / Φ9.8x3.9	Φ250x100 / Φ9.8x3.9
	3.3	Tyre size, rear	mm/in	Φ85x110/Φ3.3x4.3	Φ85x95/Φ3.3x3.7	Φ85x110/Φ3.3x4.3	Φ85x95/Φ3.3x3.7
	3.4	Additional wheel (dimensions)	mm/in	Φ100x40/Φ3.9x1.6	Φ100x40/Φ3.9x1.6	Φ125x50/Φ4.9x2.0	Φ125x50/Φ4.9x2.0
	3.5	Wheel number front/rear(x=Drive wheels)		1x+2/2	1x+2/4	1x+2/2	1x+2/4
	3.6	Tread, Front	b <sub>10</sub> (mm/in)	461/18.1	461/18.1	461/18.1	461/18.1
3.7	Tread, Rear	b <sub>11</sub> (mm/in)	390/15.4	390/15.4	390/15.4	390/15.4	
Dimensions	4.4	Lift	h <sub>1</sub> (mm/in)	130/5.1	130/5.1	130/5.1	130/5.1
	4.9	Height drawbar in driving position min./max.	h <sub>14</sub> mm/in	829/1288 (32.6/50.7)	829/1288 (32.6/50.7)	1219/1459 (48.0/57.4)	1219/1459 (48.0/57.4)
	4.15	Height, lowered	h <sub>15</sub> (mm/in)	83/3.3	83/3.3	83/3.3	83/3.3
	4.19	Overall length ( pedal folden/unfolden)	l <sub>1</sub> mm/in	1751/68.9	1749/68.9	1844/2289 (72.6/90.1)	1842/2287 (72.5/90.0)
	4.20	Length to face of forks	l <sub>2</sub> (mm/in)	578/22.8	578/22.8	671/26.4	671/26.4
	4.21	Overall width	b <sub>1</sub> (mm/in)	712/28.0	712/28.0	712/28.0	712/28.0
	4.22	Fork dimensions ISO 2331	s/e/l mm/in	64/170/1173 (2.5/6.7/46.1)	64/170/1171 (2.5/6.7/46.1)	64/170/1173 (2.5/6.7/46.2)	64/170/1171 (2.5/6.7/46.1)
	4.25	Distance between fork-arms	b <sub>2</sub> (mm/in)	560/22.0	560/22.0	560/22.0	560/22.0
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm/in)	21/0.8	21/0.8	21/0.8	21/0.8
	4.34.1	Aisle width for pallets 1000 x 1200 crossways ( pedal folden/unfolden)	Ast mm/in	1980/78.0	1979/77.9	2050/2488 (80.7/98.0)	2050/2488 (80.7/98.0)
	4.34.2	Aisle width for pallets 800 x 1200 lengthways ( pedal folden/unfolden)	Ast mm/in	2007/79.0	2008/79.1	2077/2515 (81.8/99.0)	2079/2517 (81.9/99.1)
4.35	Turning radius ( pedal folden/unfolden)	W <sub>a</sub> mm/in	1549/61.0	1501/59.1	1619/2057 (63.7/81.0)	1572/2010 (61.9/79.1)	
Performance data	5.1	Travel speed, laden/unladen	km/h mph	6.0/6.0 3.7/3.7	6.0/6.0 3.7/3.7	6.0/6.0/6.0/6.0 (3.7/3.7/3.7/3.7)	6.0/6.0/6.0/6.0 (3.7/3.7/3.7/3.7)
	5.2	Lift speed, laden/unladen	m/s (ft/min)	0.04/0.05 (7.9/9.8)	0.04/0.05 (7.9/9.8)	0.04/0.05 (7.9/9.8)	0.04/0.05 (7.9/9.8)
	5.3	Lowering speed, laden/unladen	m/s (ft/min)	0.09/0.04 (17.7/7.9)	0.09/0.04 (17.7/7.9)	0.09/0.04 (17.7/7.9)	0.09/0.04 (17.7/7.9)
	5.7	Gradeability,laden/unladen	%	10.0/15	10.0/15	10.0/15	10.0/15
		Gradeability(pedestrian)	U/V/W(%)	34/15/38	34/16/38	34/15/29	34/16/29
		Gradeability(Standing)	U/V/W(%)	/	/	34/15/24	34/16/24
5.8	Max. Gradeability, laden/unladen	%	14.5/20	14.5/20	14.5/20	14.5/20	
5.10	Service brake		Electric	Electric	Electric	Electric	
Electric engine	6.1	Drive motor rating S2 60 min	kW/hp	1.25/1.7	1.25/1.7	1.7/2.3	1.7/2.3
	6.2	Lift motor rating at S3 15%	kW/hp	1.2/1.6	1.2/1.6	1.2/1.6	1.2/1.6
	6.3	Battery acc. to DIN 43531/35/36 A,B,C, no		B	B	B	B
		Battery dimensions	l/b/h(mm/in)	212x624x627 / 8.3x24.6x24.7		283x624x627 / 11.1x24.6x24.7	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/220	24/220	24/330	24/330
	6.5	Battery weight	kg/lb	212/467	212/467	312/688	312/688
	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.384	0.384	0.43	0.43
10.7	Sound pressure level at the driver's seat	dB(A)	<70	<70	<70	<70	

Note:Specifications are subject to change without notice.

\* Optional

