



CE CERTIFICATE



ISO14001:2004



ISO9001:2008

Premium Range
Electric Pallet Truck



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Durability

A durable frame structure, welded integrated forks, integrated ZF transmission system and a new butterfly drive controller all go toward this truck being easy to operate and very reliable.

Productivity

The compact chassis design allows the truck to operate in confined spaces.

Powerful AC traction motor with Curtis control system.

Applied MOSEFET high frequency control.

German WICKE wheel.

A unique steering pivot design which suspends the drive motor whilst steering.

Shock absorbers are standard for the caster wheels prolonging the working life of the truck.

Ergonomics

The Tiller has been ergonomically designed to give maximum comfort to the operator.

Dual lift/lower button controls can be operated by either hand.

A creep speed control button is available.

A conductor band is supplied as standard.

Serviceability

The battery discharge indicator with lifting interrupt is fitted as standard and will alert the operator when the available battery capacity is down to 20% and needs re charging.

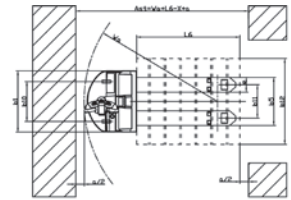
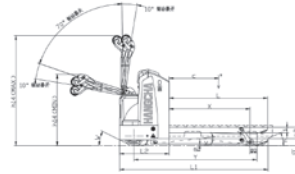
The inside components are easily accessible via the back cover and are protected with IP54 environment sealing.

Standard Specifications

- Poly drive wheel and load wheels
- AC drive motor and control system
- Emergency cut off switch
- Combined hydraulic unit
- LED panel
- 220Ah battery
- 1150mm fork length with 560mm fork distances

Customer options

- 900mm, 1000mm fork length
- 5620mm or 670mm fork distances
- Tandem load wheel
- High frequency auto charger



	WHEELBASE TYPE		SINGLE LOAD WHEELS (LONG WHEELBASE)	TANDEM LOAD WHEELS (SHORT WHEELBASE)	
	FORK OAW		560		
DISTINGUISHING MARKS	FORK LENGTH		1150		
	1.1 MANUFACTURER		HANGCHA GROUP CO.,LTD.		
	1.2 MANUFACTURER'S TYPE DESIGNATION		CB20-TC1		
	1.3 DRIVE		ELECTRIC		
	1.4 OPERATOR TYPE		PEDESTRIAN		
	1.5 LOAD CAPACITY/RATED LOAD	Q (t)	2		
	1.6 LOAD CENTER DISTANCE	c(mm)	600		
	1.8 LOAD DISTANCE	x(mm)	942		
	1.9 WHEELBASE (RAISED)	y(mm)	1352		
	2.1 SERVICE WEIGHT WITHOUT BATTERY	kg	520		
TIRES/CHASSIS	3.1 TIRES		POLY		
	3.2 TIRE SIZE, FRONT		Ø230*75		
	3.3 TIRE SIZE, REAR		Ø85*110	Ø85*90	
	3.4 ADDITIONAL WHEELS (CASTERS)		Ø100*40		
	3.5 WHEEL NUMBER FRONT/REAR(X=DRIVE WHEELS)		1**2/2	1**2/4	
	3.6 TREAD, FRONT	b10(mm)	461		
	3.7 TREAD, REAR	b11(mm)	390		
DIMENSIONS	4.4 LIFT	h1(mm)	130		
	4.9 HEIGHT OF TILLER IN DRIVE POSITION MIN/MAX	h14(mm)	629/1288		
	4.18 HEIGHT, LOWERED	h10(mm)	93		
	4.19 OVERALL LENGTH	L1(mm)	1728		
	4.20 LENGTH TO FACE OF FORKS	L2(mm)	578		
	4.21 OVERALL WIDTH	b1(mm)	712		
	4.22 FORK DIMENSIONS	s/eL(mm)	64*172*1150		
	4.25 DISTANCE BETWEEN FORK-ARMS	b1(mm)	560		
	4.32 GROUND CLEARANCE, CENTER OF WHEELBASE	m1(mm)	21		
	4.33 AISLE WIDTH FOR PALLETS 1000*1200 (TRANSVERSE)	Ast (mm)	1960	1915	
	4.34 AISLE WIDTH FOR PALLETS 800*1200 (LENGTH)	Ast(mm)	2007	2008	
	4.35 TURNING RADIUS	Wa(mm)	1549	1503	
	PERFORMANCE DATA	5.1 TRAVEL SPEED, LADEN/UNLADEN	km/h	6.0/6.0	
		5.2 LIFT SPEED, LADEN/UNLADEN	m/s	0.04/0.05	
5.3 LOWERING SPEED, LADEN/UNLADEN		m/s	0.09/0.04		
5.7 GRADEABILITY, LADEN/UNLADEN		%	10.0/15		
5.7 GRADEABILITY		U/V/W(%)	34/15/41		
5.8 MAX. GRADEABILITY, LADEN/UNLADEN		%	14.5/20		
5.10 SERVICE BRAKE			Electric/Magnetic		
6.1 DRIVE MOTOR RATING S2 60MIN		kw	1.25		
6.2 LIFT MOTOR RATING AT S3 15%		kw	1.2		
6.3 BATTERY ACC. TO DIN 43 531/35/36 A,B,C,NO		CIRCUIT	B		
ELECTRIC-ENGINE	6.4 MAX. BATTERY SIZE	L*W*H(mm)	212*624*627		
	6.4 BATTERY VOLTAGE, NOMINAL CAPACITY KS	V/Ah	24/220		
	6.5 BATTERY WEIGHT (±5%)	kg	212		
	6.6 ENERGY CONSUMPTION ACC. TO VDI CYCLE	kwh/h	0.384		
ADDITIONAL DATA	8.4 SOUND LEVEL AT THE DRIVER'S EAR ACCORDING TO DIN 12 053	dB(A)	< 70		

a=200mm