

# A series Mini Walkie Pallet Truck / Li-Ion Battery pack

with capacity of 2,500lbs

**LI-ION**  
TECHNOLOGY

INNOVATIVE LITHIUM-ION



*The World of Hangcha*  
SINCE 1956





# THE PALLET TRUCK WITH Li-Ion TECHNOLOGY

*A series mini walkie pallet truck / Li-Ion Battery pack will replace the hand pallet truck perfectly. It can be used in such as retail environment、 pharmaceutical factory... especially in narrow aisle.*



**Service weight  
(including battery):  
285lbs, easy control**



**52.4 in**  
Turning radius



**1 container 108 units**

**Low transportation cost:  
108 units can be loaded in one 40GP**

High efficient:  
Full electric control, travelling、lifting、 lowering



## QUICK CHARGING, LONG WORKING TIME;



**1200  
CYCLES**

Remaining capacity of lithium-ion battery is 70% after 1200 cycles.

Power loss of the battery is extremely low when the power is OFF, and the standby state can last for a year with no reduction of battery service life.

**100 %**

**2 hours charge**

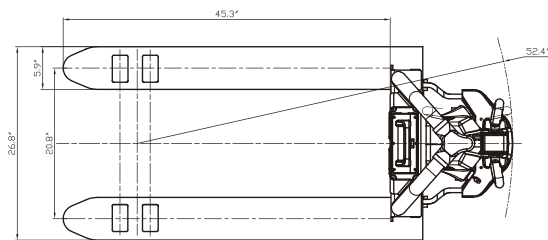
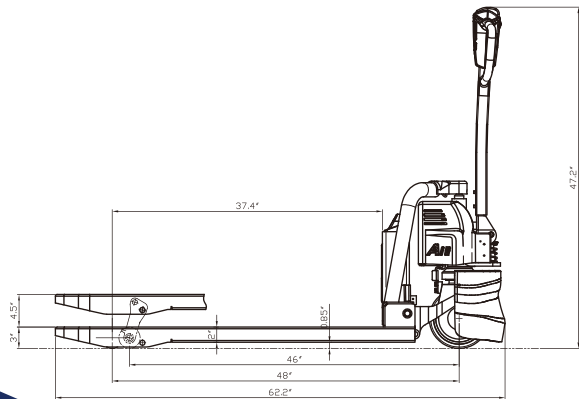


**3.5 hours working time**

# A series Mini Walkie Pallet Truck / Li-Ion Battery pack specification

Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO.,LTD.
		HCFA Model		WP12Li
	1.2	Manufacturer's type designation		CBD12-AMC1-I
	1.4	Operator type: hand, walkie, standing, seated, order-picker		Walkie
	1.5	Rated capacity/rated load	Q (lbs)	2500
	1.6	Load centre distance	c (in)	24
	1.8	Load distance, centre of drive axle to fork	x (in)	37.4
	1.9	Wheelbase	y (in)	46
	2.1	Service Weight(Including battery)	lbs	285
Weight		Battery weight	lbs	10.6
Tyres, chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		PU
	3.2	Tyre size, front		Φ8.3x2.8
	3.3	Tyre size, rear		Φ3x3.5
	3.4	Additional wheel (dimensions)		/
	3.5	Wheels, number front / rear (x = driven wheels)		1x/2
	3.6	Tread, front	b <sub>10</sub> (in)	/
	3.7	Tread, rear	b <sub>11</sub> (in)	20.8
Dimensions	4.4	Lift	h <sub>3</sub> (in)	4.5
	4.15	Fork height,lowered	h <sub>13</sub> (in)	3
	4.19	Overall length	l <sub>1</sub> (in)	62.2
	4.21	Overall width	b <sub>1</sub> (in)	26.8
	4.22	Fork dimensions	s/e/l (in)	2/5.9/45.3
	4.25	Distance between fork-arms	b <sub>5</sub> (in)	26.8
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (in)	0.85
	4.35	Turning radius	W <sub>a</sub> (in)	52.4 <sup>1)</sup>
	4.36	Aisle width for pallets 40 x 48 crossways	Ast(in)	70.3 <sup>1) 2)</sup>
	4.37	Aisle width for pallets 40 x 48 lengthways	Ast(in)	72.2 <sup>1) 3)</sup>
Performance data	5.1	Travel speed,laden/unladen	mph	2.5/2.8
	5.2	Lift speed,laden/unladen	in/s	0.6/0.9
	5.3	Lowering speed,laden/unladen	in/s	2.5/0.8
	5.8	Max Gradeability,laden/unladen	%	4/10
Electric engine	6.1	Drive motor rating S2 60 min	hp	0.87
	6.2	Lift motor rating at S3 15%	hp	0.48
	6.4	Battery voltage,rated capacity	V/Ah	24/20
	8.1	Type of drive control		DC
	9.1	Manufacturer		Curtis

Note : 1). When fork lowered,+2.2in; 2).According to the VDI2198 standard,+13.8in; 3).According to the VDI2198 standard,+7.7in。



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