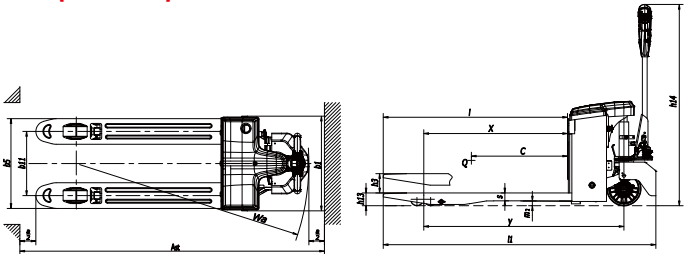


Technical Data

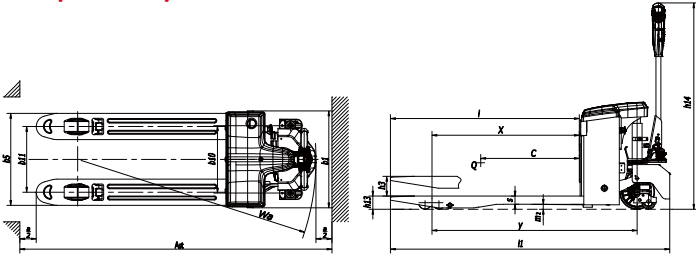
Distinguishing mark	1.1	Manufacturer		HANGCHA GROUP CO., LTD.			
	1.2	Manufacturer's type designation		C8D15-WD	C8D15-WD-I	C8D20-WD	C8D20-WD-I
	1.3	Drive type		Electric	Electric	Electric	Electric
	1.4	Operator type		Pedestrian	Pedestrian	Pedestrian	Pedestrian
Weight	1.5	Rated capacity / rated load	0 kg(lbs)	1500(3000)	1500(3000)	2000(4000)	2000(4000)
	1.6	Load centre distance	c mm(in)	600(24)	600(24)	600(24)	600(24)
	1.8	Load distance, centre of drive axle to fork	x mm(in)	1010/1000(39.76/39.37)	1010/1000(39.76/39.37)	1010/1000(39.76/39.37)	1010/1000(39.76/39.37)
	1.9	Wheelbase	y mm(in)	1175/1248(46.25/49.13)	1175/1248(46.25/49.13)	1175/1248(46.25/49.13)	1175/1248(46.25/49.13)
Tyres, chassis	2.1	Service weight	kg(lbs)	●221(486) ○218(480)	●184(405) ○181(398)	●241(530) ○238(524)	●199(438) ○196(431)
	2.2	Axle loading, laden front/rear	kg(lbs)	460/1260(1012/2772)	440/1210(968/2662)	560/1680(1232/3696)	590/1610(1298/3542)
	2.3	Axle loading, unladen front/rear	kg(lbs)	171/50(376/110)	130/51(286/112)	191/50(420/110)	157/42(345/92.4)
	3.1	Tyres		PU	PU	PU	PU
Dimensions	3.2	Tyre size, front	mm(in)	Φ210x70(8.2x2.75)	Φ210x70(8.2x2.75)	Φ210x70(8.2x2.75)	Φ210x70(8.2x2.75)
	3.3	Tyre size, rear	mm(in)	●Φ80x64(3.1x2.5) ○80X90(3.1x3.5)	●Φ80x64(3.1x2.5) ○80X90(3.1x3.5)	●Φ80x64(3.1x2.5) ○80X90(3.1x3.5)	●Φ80x64(3.1x2.5) ○80X90(3.1x3.5)
	3.4	Additional wheels	mm(in)	○Φ80x30(3.1x1.2)	○Φ80x30(3.1x1.2)	○Φ80x30(3.1x1.2)	○Φ80x30(3.1x1.2)
	3.5	Wheels, number front/rear (* = driven wheels)		●1x /4 ○1x /2	●1x /4 ○1x /2	●1x2 /4 ○1x2 /2	●1x2 /4 ○1x2 /2
Performance data	3.6	Tread, front	b10 mm(in)	-	-	410(16.1)	410(16.1)
	3.7	Tread, rear	b11 mm(in)	400/520(15.7/20.47)	400/520(15.7/20.47)	400/520(15.7/20.47)	400/520(15.7/20.47)
	4.4	Lift	h3 mm(in)	120(4.7)	120(4.7)	120(4.7)	120(4.7)
	4.9	Height drawbar in driving position min./max.	h14 mm(in)	650/1255(25.5/49.4)	650/1255(25.5/49.4)	650/1255(25.5/49.4)	650/1255(25.5/49.4)
Electric Motor	4.15	Height, lowered	h13 mm(in)	●80(3.1) ○75(3)	●80(3.1) ○75(3)	●80(3.1) ○75(3)	●80(3.1) ○75(3)
	4.19	Overall length	l1 mm(in)	1700(66.9)	1700(66.9)	1700(66.9)	1700(66.9)
	4.20	Length to face of forks	l2 mm(in)	545(21.4)	545(21.4)	545(21.4)	545(21.4)
	4.21	Overall width	b1/b2 mm(in)	590/680(23.2/26.7)	590/680(23.2/26.7)	590/680(23.2/26.7)	590/680(23.2/26.7)
Performance data	4.22	Fork dimensions DIN ISO 2331	s/e/l mm(in)	50/160/1150(1.9/6.2/45.2)	50/160/1150(1.9/6.2/45.2)	50/160/1150(1.9/6.2/45.2)	50/160/1150(1.9/6.2/45.2)
	4.25	Fork spread	b5 mm(in)	560/680(22/26.7)	560/680(22/26.7)	560/680(22/26.7)	560/680(22/26.7)
	4.32	Ground clearance, centre of wheelbase	m2 mm(in)	30(1.1)	30(1.1)	30(1.1)	30(1.1)
	4.34.1	Aisle width for pallets 1000 • 1200 crossways	Ast mm(in)	1553(61.1)	1553(61.1)	1553(61.1)	1553(61.1)
Performance data	4.34.2	Aisle width for pallets 800 • 1200 lengthways	Ast mm(in)	1753(69)	1753(69)	1753(69)	1753(69)
	4.35	Turning radius	Wa mm(in)	1374(54) ¹	1374(54) ¹	1374(54) ¹	1374(54) ¹
	5.1	Travel speed, laden/unladen	km/h(mph)	4.5/4.8(2.8/2.98)	4.5/4.8(2.8/2.98)	4.5/4.8(2.8/2.98)	4.5/4.8(2.8/2.98)
	5.2	Lift speed, laden/unladen	mm/s(in/s)	45/55(1.77/2.17)	45/55(1.77/2.17)	35/45(1.37/1.77)	35/45(1.37/1.77)
Performance data	5.3	Lowering speed, lade/unladen	mm/s(in/s)	60/40(2.36/1.57)	60/40(2.36/1.57)	50/40(1.97/1.57)	50/40(1.97/1.57)
	5.8	Max. gradeability, laden/unladen	%	6/16	6/16	6/16	6/16
	5.10	Service brake		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Performance data	6.1	Drive motor rating S2 60 min	kW(hp)	0.75(1)DC	0.75(1)DC	0.9(1.2)DC	0.9(1.2)DC
	6.2	Lift motor rating at S3 15 %	kW(hp)	0.8(1.1)	0.8(1.1)	0.8(1.1)	0.8(1.1)
	6.4	Battery voltage / nominal capacity	V/Ah	●24/85	●24/40	●48/56	●48/20
	6.5	Battery weight	kg(lbs)	24x2(52.8x2)	11(24.2)	13.2x4(29x4)	11(24.2)

Note: 1. When fork lowered, +2.4".

1.5t (3000lbs)



2.0t (4000lbs)



HANGCHA GROUP CO., LTD.

Factory site: 666 Xiangfu Road,
Hangzhou, Zhejiang, China (311305)

Tel: +86-571-88926735 88926755
Fax: +86-571-88926789 88132890

sales@hcforklift.com www.hcforklift.com



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ISO45001:2018



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.



WD SERIES

MINI ELECTRIC PALLET TRUCK

With capacity of 1,500 to 2,000kg

WD Series Mini Electric Pallet Truck

WD series Mini Electric Pallet Truck is the new generation product developed by Hangcha for warehousing and logistics applications. It's an ideal tool for loading, unloading and handling palletized goods in warehouses, supermarkets and workshops.



Weighing scale with thermal printer (Optional)



High-definition LCD Backlit Display

Features

No.	Item Options	1.5T	2.0T
1	Fork Specifications	●560*1150 ○680*1150 ○560*1220 ○680*1220 ○Other Size	
2	Fork Lowered Height	●80mm ○75mm	●80mm ○75mm
3	Drive Cover off the ground	60mm	60mm
4	Drive Motor	0.75KW DC with Brush	0.9KW DC Brushless
5	Drive Wheel Material	PU	PU
6	Load Wheel Material	PU	PU
7	Load Wheel Type	●Double ○Single	●Double ○Single
8	Auxiliary Wheel	Optional	Standard
9	Auxiliary Wheel Material	PU	PU
10	Battery Capacity	●24V/85Ah Lead Acid ○24V/90Ah Lead Acid ○24V/40Ah Lithium ○24V/60Ah Lithium	●48V/56Ah Lead Acid ○48V/65Ah Lead Acid ○48V/20Ah Lithium ○48V/30Ah Lithium
11	Built-in Charger	●24V 10A ○24V 15A	●48V 6A ○48V 9A
12	Battery Indicator	●With Time	●With Time
13	Horn	●Standard	●Standard
14	Upright Walking	●Standard	●Standard
15	Error Code Display	●Standard	●Standard
16	Pin Lock	○Optional	○Optional
17	Packing Information	●One unit each pack, Wooden Pallet ○Two units each pack, Wooden Case ○Two units each pack, Iron Frame ○Four units each pack, Iron Frame	●One unit each pack, Wooden Pallet ○Two units each pack, Wooden Case ○Two units each pack, Iron Frame ○Four units each pack, Iron Frame

Easy operation for enhanced performance



Iron upper cover

Easy-to-open upper cover made of iron steel simplify the maintenance and service. It also prevents in-accident damage to the truck body, battery and inside components.



Ergonomically-designed Operation Handle

Battery Discharge Indicator, working hours, error code can be read directly from the multi-function intelligent operation handle.



Standard Internal Charger

The internal charger provides a convenient solution when charging the pallet truck. No worries about finding your chargers when you need it.



Standard equipped with Lead-acid battery for longer working time.
Of course you can choose Lithium battery as well, with 2,000 charging cycles.



1 Easier Entry& Exit Forks

Special designed forks offers longer life span, and it's also friendly for application of different type of pallets.

2 Electric Lifting & Lowering

Electric lifting and electric lowering makes operation easier, faster and comfortable. Lifting limit switch offers smooth lifting experience for the operator, as well as less damage to the goods and motor.

3 Powerful Drive Motor

Drive motor with higher performance and reliable quality, enables the truck to be used for different applications.
1.5Ton is 24V DC motor with brush, and 2 Ton is 48V DC motor with brush-less.

4 Auxiliary wheels (Standard for 2T)

Auxiliary wheels are optional for 1.5Ton, and this makes the truck more stable when driving over uneven floors and turning around.