

PRODUCT PARAMETERS

Feature

1.1	Model			CPD50
1.2	Power Type			Electric
1.3	Operation Type			Sitting - type
1.4	Load Capacity	Q	kg	5000
1.5	Load Center Distance	C	mm	600
1.6	Front Overhang	X	mm	480
1.7	Wheelbase	y	mm	2045

Weight

2.1	Self - weight (including battery)		kg	6200±200
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Tire and Chassis

3.1	Tire Type, Drive Wheel/Steering Wheel			Pneumatic Tire/Solid
3.2	Drive Wheel Size (Diameter x Width)		mm	250-15
3.3	Steering Wheel Size (Diameter x Width)		mm	23X10-12
3.4	Quantity of Drive Wheels, Steering Wheels (x = Drive Wheels)			2X/2
3.5	Drive Wheel Track (distance of two Front wheels)	b10	mm	1140
3.6	Steering Wheel Track (distance of two rear wheels)	b11	mm	1080

Dimensions

4.1	Mast and Fork Tilt Angle Forward/Backward	α/β		5°/9°
4.2	Height after Lowering of the Mast	h1	mm	2300
4.3	Maximum Lifting Height	h3	mm	3000
4.4	Mast Height Maximum Extended	h4	mm	4250
4.5	Height of Protective Roof (Driver's Cabin)	h6	mm	2260
4.6	Height of Seat	h7	mm	1180
4.7	Height of Trailer Pin Center	h10	mm	620
4.8	Overall Length of the Vehicle	l1	mm	4170
4.9	Length to the Vertical Plane of the Fork	l2	mm	3060
4.10	Overall Width	b1/b2	mm	1360
4.11	Fork Size	s/e/l	mm	55X150X1220
4.12	Dimensions of Fork Carriage Outer	b3	mm	1350
4.13	Clearance from the Ground when the Full - load Mast is	m1	mm	175
4.14	Minimum Ground Clearance of the Vehicle Body	m2	mm	160
4.15	Aisle Width (Pallet 1200mm *1000mm Clear 200mm)	Ast	mm	4480
4.16	Aisle Width (Pallet 800mm *1200mm Clear 200mm)	Ast	mm	4680
4.17	Turning Radius	Wa	mm	2800

Performance

5.1	Travel Speed, Loaded/Unloaded		km/h	12./13.5
5.2	Lifting Speed, Loaded/Unloaded		m/s	0.28/0.4
5.3	Lowering Speed, Loaded/Unloaded		m/s	0.45/0.4
5.4	Maximum Climbing Ability, Loaded/Unloaded (Gradeability)		%	15
5.5	Service Brake Type			Hydraulic+Mechanical
5.6	Parking Brake Type			Mechanical

Motor and Battery

6.1	Rated Power of Drive Motor S2 for 60 minutes		kW	18
6.2	Rated Power of Lifting Motor S3 15%		kW	21
6.3	Rated Capacity of Battery		Ah	
6.4	Drive Control Type			AC

*Subject to change without notice for technical parameter modifications. The schematic diagram may not be the actual configuration.