

Technical parameters of Rider type Electric Pallet Truck

Characteristic	1.2	Model		CBD20/25/30/40	
	1.3	Load capacity	Kg	2000/2500/3000/4000	
	1.4	Drive method		Rider type	
	1.5	Load center	mm(c)	600	
	1.8	Front overhang	x(mm)	815/865/935	
	1.9	Wheelbase	Y(mm)	1211/1261/1331	
Weight	2.1	Weight (with battery)	kg	540	
	2.2	Axle load, front/rear axle at full load	kg	1080/1460	
	2.3	Axle load, front/rear axle with no load	kg	470/170	
	3.4	wheel		Polyurethane Wheel	
	3.5	Wheel size, front wheel	mm	250*80	
	3.6	Wheel size, rear wheel	mm	80*70	
	3.7	Wheels, number of front and rear (X = drive wheel)		1x+2/4	
	3.8	Front wheel track	(b10) mm	580	
	3.9	Rear wheel track	(b11)mm	340/370/470/505	
	4.4	Lifting height	h_3 (mm)	205	
	4.5	Height when lowered	$H13$ mm	85	
	4.6	Minimum/maximum height of operating handle in drive position	h_{14} (mm)	1042/1295	
	Size	4.7	Overall length	l_1 (mm)	1780/1830/1900
		4.8	Fork length	l_2 (mm)	685
4.9		Fork size	$S/e/l$ (mm)	65*180*1200(1200-3000)	
4.2		Body width	b_1 (mm)	805	
4.3		Fork outer width	b_5 (mm)	550/685	
4.3		Wheelbase Center Ground Clearance	m_2 (mm)	40	
4.3		Aisle width, pallet 1000x1200 (1200 placed across forks)	A_{st} (mm)	2100/2400	
4.3		Aisle width, pallet 800x1200 (1200 placed along the fork)	A_{st} (mm)	2080/2100	
4.4		Turning radius	W_a (mm)	1482/1608/1678	
Performan		5.1	Travelling speed, full/unloaded	Km/h	4.5/6.2
		5.2	Lifting speed, full load/no load	m/s	0.03/0.04
		5.3	Descent speed, full load/no load	m/s	0.05/0.045
	5.8	Maximum gradeability, full load / no load	%	5/12	
	5.10	Brake type		Electromagnetic brake	

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6.1	Driving motor power	kW	1.5
6.2	Lifting motor power	kW	2.2
6.3	Battery 24V	AH	210/240/275