

PRODUCT PARAMETERS

Features				
1.1	Brand			RELILIFT
1.2	Model			CPDS16 Cast iron Counterweight
1.3	Power Type			Electric
1.4	Operation Type			Sit-on
1.5	Load	Q	kg	1600
1.6	Load Center Distance	C	mm	500
1.7	Front Overhang	X	mm	340
1.8	Wheelbase	y	mm	1540
Weight				
2.1	Self - weight (including battery)		kg	2500
Tires, Chassis				
3.1	Tire Type, Drive Wheel/Steering Wheel			Pneumatic Tire/Solid Tire
3.2	Drive Wheel Size (Diameter x Width)		mm	18X7-10
3.3	Steering Wheel Size (Diameter x Width)		mm	15X4.5-8
3.4	Number of Drive Wheels and Steering Wheels (x = Drive Wheels)		mm	2X2/2
3.5	Drive Wheel Track (distance of two Front wheels)	b10	mm	950
3.6	Steering Wheel Track (distance of two rear wheels)	b11	mm	180
Dimensions				
4.1	Mast and Fork Tilt Angle (Forward/Backward)	α/β (°)		5/9
4.2	Height of Mast after Lowering	h1	mm	2150
4.3	Maximum Lifting Height of Standard Mast	h3	mm	3000
4.4	Mast Height at Maximum Lifting Height	h4	mm	3960
4.5	Height of Protective roof (Cab)	h6	mm	2120(with LED light height)
4.6	Height of Seat Surface	h7	mm	1080
4.7	Height of Trailer Pin Center	h10	mm	550
4.8	Overall Length of Vehicle	l1	mm	3170
4.9	Length to Fork Vertical Plane	l2	mm	2060
4.1	Overall Width	b1/ b2	mm	1100
4.11	Fork Size	s/ e/ l	mm	35X100X1070
4.12	Outer Width of Fork Carrier	b3	mm	1040
4.13	Ground Clearance at Lower End of Mast when Full Loaded	m1	mm	110
4.14	Minimum Ground Clearance of Vehicle Body	m2	mm	100
4.15	Aisle Width for Pallet (1200mm x 1000mm)	Ast	mm	3360
4.16	Aisle Width for Pallet (800mm x 1200mm)	Ast	mm	3560
4.17	Min Turning Radius	Wa	mm	1690
Performance Parameters				
5.1	Travel Speed, Loaded/Unloaded		km/h	9/11
5.2	Lifting Speed, Loaded/Unloaded		m/s	0.24/0.3
5.3	Lowering Speed, Loaded/Unloaded		m/s	0.39/0.34
5.4	Maximum Climbing Gradient, Loaded/Unloaded		%	15
5.5	Service Brake Type			Hydraulic + Mechanical
5.6	Parking Brake Type			Mechanical
Motor, Power Source				
6.1	Rated Power of Drive Motor (S2 60 Minutes)		kW	5
6.2	Rated Power of Lifting Motor (S3 15%)		kW	5
6.3	Battery Voltage/Nominal Capacity K5		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.