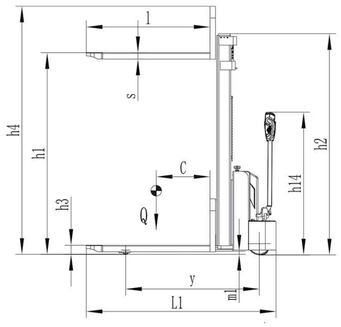
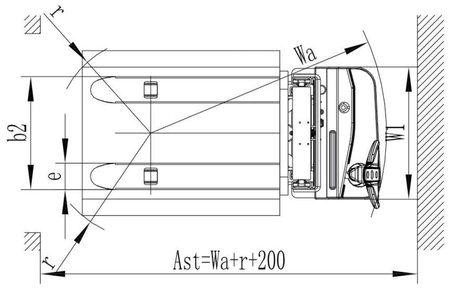
CHARACTERISTICS	1.1	Brand			SINOLIFT	
	1.2	Model			CDD12M	CDD15M
	1.3	Type of drive			Electric	Electric
	1.4	Operator type			Walkie	Walkie
	1.5	Turning type			Mechanical	Mechanical
	1.6	Capacity	Q	kg	1200	1500
	1.7	Load Center	C	mm	500	500
	1.8	Wheel base	y	mm	1240	1240
WEIGH	2.1	Weight (Including battery)		kg	540	560
	2.2	Load weight (laden) Drive side/Load side		kg	640/1100	750/1310
	2.3	Load weight (unladen) Drive side/Load side		kg	380/160	400/160
DIMENSIONS	3.1	Overall length	L1	mm	1765	1755
	3.2	Overall Width	W1	mm	800	800
	3.3	Lifting height	h1	mm	3000	3000
	3.4	Machine height with mast lowered	h2	mm	2050	2050
	3.5	Machine height with mast extended	h4	mm	3430	3430
	3.6	Fork size	l*e*s	mm	1150/160/60	1150/160/60
	3.7	Fork width	b2	mm	560/685	560/685
	3.8	Lowered height of fork	h3	mm	85	85
	3.9	Clearance	m1	mm	30	30
	3.10	Handle height with vertical postion	h14	mm	1290	1290
	3.11	Min. Turning radius	Wa	mm	1435	1435
	3.12	Aisle width (1000x1200mm pallet)	Ast	mm	2225	2225
	3.13	Aisle width (800x1200mm pallet)	Ast	mm	2150	2150
WHEEL	4.1	Wheel material			PU	PU
	4.2	Front load wheel		mm	Φ80*60	Φ80*60
	4.3	Balance wheel		mm	Φ115*55	Φ115*55
	4.4	Drive wheel		mm	Φ210*70	Φ210*70
	4.5	Wheel quantity (load wheel/drive wheel/balance wheel)			2-1-2	2-1-2
PERFORMANCE	5.1	Drive speed (laden/unladen)		km/h	3.2/3.3	3.2/3.3
	5.2	Lifting speed (laden/unladen)		mm/s	100/135	100/135
	5.3	Lower speed (laden/unladen)		mm/s	155/150	155/150
	5.4	Gradeability (laden/unladen)		%	3/5	3/5
	5.5	Drive brake type			Electro-magnetic	Electro-magnetic
	5.6	Park brake type			Electro-magnetic	Electro-magnetic
POWER	6.1	Drive motor		kw	0.75	0.75
	6.2	Lift motor		kw	2.2	2.2
	6.3	Battery		V/Ah	24/80	24/80
	6.4	Battery weight		kg	50	50
	6.5	Controller system			CURTIS 1212P	CURTIS 1212P
	6.6	The noise level		dB	70	70

CDD12M				
Mast Size	Load Capacity	Lifting Height	Machine Height with Mast Lowered	Machine Height with Mast Extended
	(kg)	h1 (mm)	h2 (mm)	h4 (mm)
Single Mast	1200	1600	2065	2065
Duplex Mast	1000	2000	1550	2520
	800	2500	1800	2930
	600	3000	2050	3430
CDD15M				
Mast Size	Load Capacity	Lifting Height	Machine Height with Mast Lowered	Machine Height with Mast Extended
	(kg)	h1 (mm)	h2 (mm)	h4 (mm)
Single Mast	1500	1600	2065	2065
Duplex Mast	1300	2000	1550	2520
	1200	2500	1800	2930
	900	3000	2050	3430
	700	3500	2050	3430





Spercial size of width and length can be made according to customer's requirement, All specifications and figures are subject to change withou notice for improvement.

SINOLIFT
For material handling

CDD12M CDD15M

ELECTRIC STACKER
ISO9001
CE

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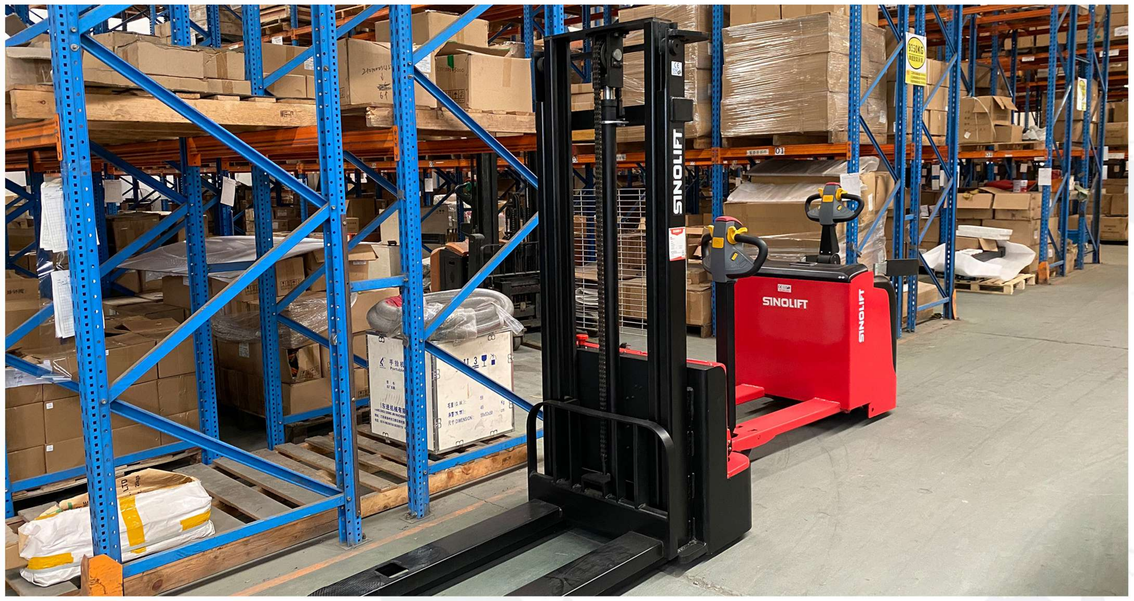
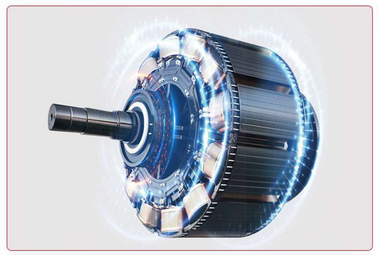
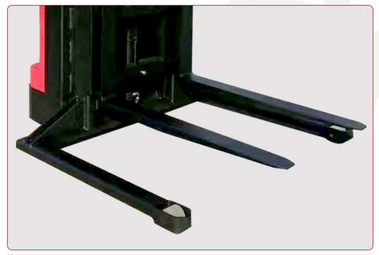






High Perfermance Permanet Drive Motor

- Powerful, smooth-running motor, 0.75 kW (at 100% performances)
- Gradeability 5% fully loaded
- Top speed 3.2 km/h or 3.3 km/h, loaded or unloaded

Compact for Maneuverability

- Excellent stability resulting from low center of gravity
- Four-point support for high residual capacities
- Compact measurements and small turning radius
- Chassis no wider than the pallet carried
- Well-balanced design

Straddle Legs Feature Simple User Adjustability

- Adjustable forged forks, convenient and strong.
- Tiller arm is mounted in the middle position for optimum control and stability.
- Reinforced straddle legs (adjustable option) will allow pallet inside and make the frame load more stable

Serviceability

SINOLIFT pallet stackers are designed to reduce maintenance costs, and maintain a very high level of productivity over many years. Swift access to all components, the electronics under sealed aluminium housing preserves from shock, dust, and humidity.

Available lithium-ion technology

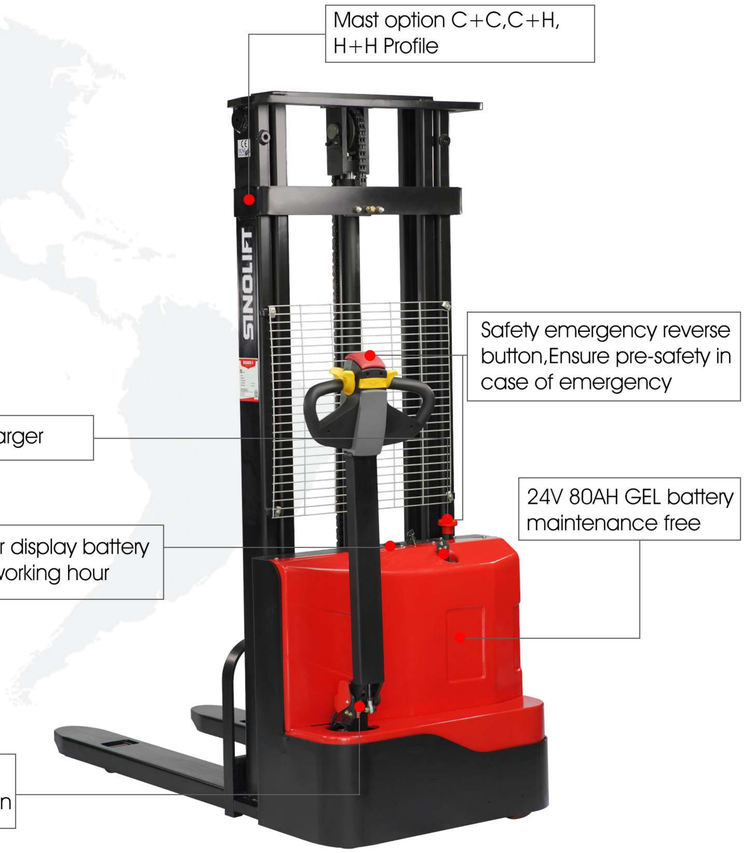
·High degree of availability thanks to extremely short charging times.
·No battery exchange required.
·Saving costs due to longer service life and zero maintenance as compared to lead-acid batteries.
·No charging rooms and ventilation required, as there is no build-up of gas.

STANDARD EQUIPMENT :

- Proportional lift and lower control integrated in tiller head
- Digital Control, configurable performance parameters
- Automatic braking
- Electric horn
- Key switch
- Cushion drive wheels
- Mast protections (polycarbonate or mesh)

OPTIONAL EQUIPMENT :

- Corrosion conditioning
- Cold storage conditioning
- Toggle switch in place of key switch
- Various mast lift height
- Various drive tire compounds
- Various battery connectors
- Various strobe lights
- Various flashing beacons
- PU wheel with pattern
- Height limitation
- 24V/80Ah Li-ion battery.



Adjustables pring loaded caster improves truck stability with any load.

Curtis solid state controllers provide smooth acceleration and seamless directional control. Its Regenerative Braking feature adds energy back to the battery to improve efficiency.

Battery display indicator with hour meter, reminds operator of charging on time . Emergency stop button located on the cover automatically cuts power when pressed.

Equipped with a standard 15 Amp built-in charger that facilitates convenient charging of batteries by simply plugging into any wall socket.

Poly drive tire provides longer tire life and has lower energy consumption versus a rubber tire

Low-noise and durable hydraulic unit,high quality cylinder as well as hose ensure high reliability of hydraulic system.

The rigidity of the mast is greatly improved by its beam structure to provide smooth lifting and stacking for daily operation.

Long tiller arm design helps facilitate a short turning radius and effectively reduces the human effort needed to maneuver the stacker easily.