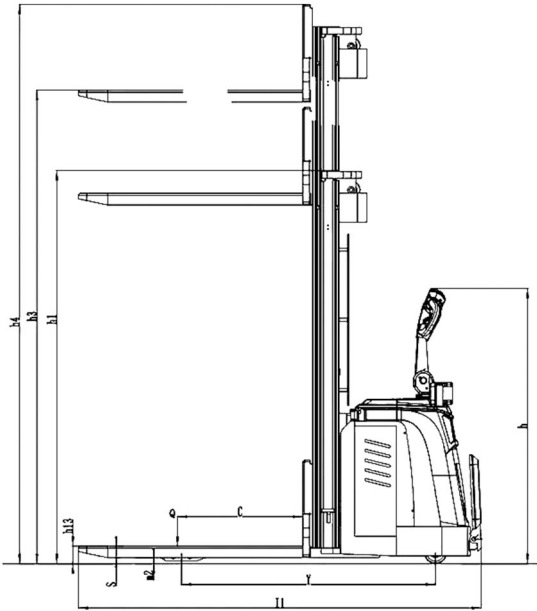
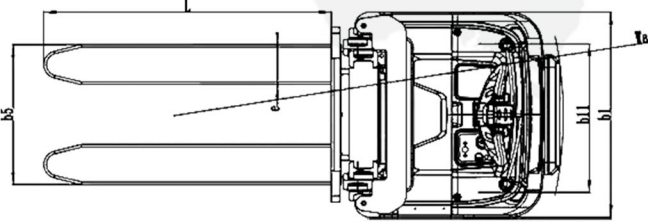
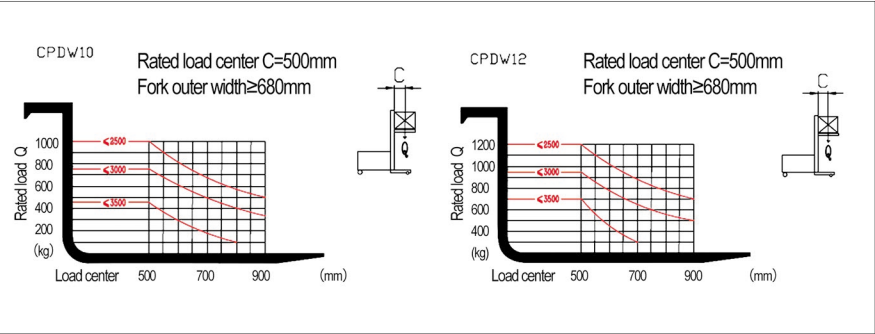


Sinolift manufactures specialized warehouse equipment with powerful AC systems, precise traction control and efficient energy management system to be used in a wide range ,of applications such as logistics, beverage, manufacturing, general warehousing and so on.

Characteristics	1.1	Manufacturer				SINOLIFT			
	1.2	Model				CPDW10	CPDW10-Li	CPDW12	CPDW12-Li
	1.4	Power				Electric	Electric	Electric	Electric
	1.5	Operation Type				Walkie	Walkie	Walkie	Walkie
	1.6	Rated load capacity	Q	kg		1000	1000	1200	1200
	1.7	Load center distance	C	mm		500	500	500	500
	1.8	The front overhang distance	X	mm		71	71	85	85
	1.9	Wheelbase	Y			1340	1340	1312	1312
	2.1	Self weight with battery		kg		1320	1320	1480	1480
Wheel chassis	3.1	Wheel type (the front/the rear)				PU/PU	PU/PU	PU/PU	PU/PU
	3.2	The front wheel specification	φ×w	mm		Φ140x100	Φ140x100	Φ210x85	Φ210x85
	3.3	The rear wheel specification	φ×w	mm		Φ210x70	Φ210x70	Φ250x80	Φ250x80
	3.4	The front track width	b2	mm		816	816	801	801
Dimensions	4.1	Mast closed height	H1	mm		2065	2065	2115	2115
	4.2	Free lifting height	H2	mm		0	0	0	0
	4.3	Lifting height	H	mm		3000	3000	3000	3000
	4.4	Maximum mast lifting height (load backrest included)	H2	mm		3912	3912	3914	3914
	4.6	Forks height when mast retracted	H3	mm		35	35	35	35
	4.9	Overall vehicle length (forks excluded/included)	L	mm		1652/2573	1652/2573	1684/2612	1684/2612
	4.1	Overall vehicle width	b1	mm		916	916	886	886
	4.11	Forks dimensions	s/e/l	mm		920*100*35	920*100*35	1070*100*35	1070*100*35
	4.12	Forks aadjustment dimensions (outer width)	b5	mm		200-580	200-580	200-580	200-580
	4.13	Minimum ground clearance (wheelbase center)	m2	mm		40	40	72	72
	4.14	Stacking aisle width, pallet 1000×1200 (1200 placed cross forks)	Ast	mm		2956	2956	2846	2846
Performance	4.15	Stacking aisle width, pallet 1000×1200 (1200 placed along the forks)	Ast	mm		3094	3094	3083	3083
	4.16	Minimum turning radius	Wa			1528	1528	1480	1480
	5.1	Travel speed, full loaded/loaded		km/h		4.0/3.5	4.0/3.5	4.0/3.5	4.0/3.5
	5.2	Lifting speed, full loaded/loaded		m/s		0.215/0.130	0.215/0.130	0.215/0.130	0.215/0.130
	5.3	Lowering speed, full loaded/loaded		m/s		0.105/0.130	0.105/0.130	0.105/0.130	0.105/0.130
Motor	5.8	Maximum gradeability, full loaded/loaded		%		5.0/4.0	5.0/4.0	5.0/4.0	5.0/4.0
	5.1	Service brake				Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
	6.1	Drive motor power		kw		0.75	0.75	1.5	1.5
	6.2	Lifting motor power		kw		2.2	2.2	2.2	2.2
	6.3	Battery type				Lead acid	Lithium	Lead acid gel battery	Lithium
Other	6.4	Battery voltage/capacity		V/Ah		24/100	24/150	24/150	24/150
	6.5	Battery charger		V/A		24/10	24/30	24/20	24/30
	7.1	Drive control mode				DC	DC	AC	DC
	7.4	Driver's ear noise level according to EN12053		dB(A)		70	70	70	70

CPDW10 CPDW10-Li Mast Parameters				
Designation	Lift Height	Height with Mast Lowered	Height with Mast Extended With Load Bracket	Load Capacity
	H	H1	H2	Q
Duplex Mast	mm	mm	mm	kg
	2000	1565	2912	1000
	2300	1715	3212	1000
	2500	1815	3412	1000
	2700	1915	3612	900
	3000	2065	3912	750
	3300	2215	4212	600
	3500	2315	4412	400

CPDW12 CPD12-Li Mast parameters				
Designation	Lift Height	Height with Mast Lowered	Height with Mast Extended With Load Bracket	Load Capacity
	H	H1	H2	Q
Duplex Mast	mm	mm	mm	kg
	2000	1615	2914	1200
	2300	1765	3214	1200
	2500	1865	3414	1200
	2700	1965	3614	1100
	3000	2115	3914	950
	3300	2265	4214	800
	3500	2365	4414	700



SINOLIFT
For material handling

CPDW10 CPDW12 CPDW10-Li CPD12-Li
WALKIE ELECTRIC COUNTER-BALANCED PALLET STACKER
ISO9001
CE

Easy Lift, Easy Life!

Electric Stacker improved efficiency in narrow warehouses

The CPDW10/CPDW12 electric stacker is a flexible and efficient handling solution for transporting, stacking or storing pallets in narrow warehouses. It can lift up to 3.5 meters and its productivity can be doubled.

- **DRIVE-IN PALLET ACCESS** accelerates cycle times and improves overall productivity.
- **EASY-TO-OPERATE CONTROLS** anchored by an ergonomic multifunction control handle.
- **LOAD-SENSING TORSION BAR** for easier steering and reduced operator fatigue.
- **RUGGED CONSTRUCTION** for increased durability and reliability, and a longer useful lifespan.
- **ABILITY TO HANDLE HEAVY LOADS** up to 1200 kgs, quickly and efficiently.
- **HIGH-VISIBILITY MAST** allows operator to clearly see fork tips and wider work area.
- **NO TOOLS REQUIRED SERVICE DOOR** for easy access to all major components for inspection and maintenance.
- **HANDLE-MOUNTED ELECTRIC LIFT/LOWER CONTROLS** for easy access, with pressure compensated valve for constant low ering in all conditions.
- **LARGE ERGONOMIC DUAL THUMBWHEELS** for easy thumb activation of all controls with leak-proof cast iron pump body.

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Website: www.sinolift.com www.sinoliftchina.com
Wechat: sinolift deng
Whatsapp & Mobile: 0086 138 1757 2420

SpECIAL size of width and length can be made according to customer's requirement, All specifications and figures are subject to change without notice for improvement.





Counterbalanced Models CPDW10/CPDW12. Versatile, efficient, reliable. Whether you are working in trailers, boxcars or racks, you can count on the CPD10W/CPD15W counterbalanced electric stacker for all of your dock-to-stock needs.

Easy-to-operate ergonomic controls and programmable speeds allow your operators to move more pallets per hour. Transistorized controls and large load wheels help you navigate dock plates with ease, providing a smoother ride with more efficient operation. Heavy duty construction and on-board diagnostics make the stacker easy to maintain and economical to own.

Dependability

- Tough counterbalance performance.
- Comprehensive selection of mast configurations.
- Specific options available to ensure trucks meet exact operation requirements, e.g. load back rest, FEM forks and carriages.
- CANbus electronics reduce wiring complexity, for increased reliability.
- Integral sideshift (option) allows optimum fork positioning for all applications.

Productivity

- Operator-friendly tiller head controls for improved load handling.
- Power steering available for both pedestrian and stand-on operation.
- Compact chassis design improves handling in confined spaces.
- Automatic braking on release of the movement controls.
- Regenerative braking and anti-roll back as standard.
- Adjustable performance settings to suit specific operating conditions.

Cost of Ownership

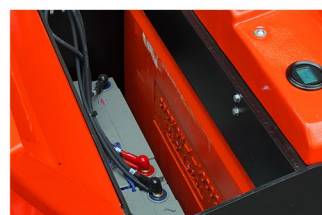
- Powerful AC traction motor provides superior performance and increased load moves per hour.
- Increased load moves per hour reduces operating costs.
- Traction and hydraulics managed through MOSFET high frequency controller.
- Intelligent management system optimizes energy usage.
- Key-pad access allows greater management control.

Serviceability

- Diagnostic indicators for early warning of maintenance requirements.
- Built in diagnostic system allows preventive maintenance communications, increasing uptime.
- Updated components permit extended service intervals.
- Driver Diagnostic Interface (DDI) informs operator in real-time about truck conditions.
- Hour meter and battery discharge indicator with lift interrupt fitted as standard.

Intelligent control and advanced drive technology

- A modern 3-phase AC drive motor for greater performance and simultaneously reduced operating costs.
- High efficiency levels with excellent energy management.
- Powerful acceleration. Rapid direction change. Roll-back protection on gradients.
- Increased travel speed and acceleration thanks to load-dependent driving and steering behavior.



STANDARD FEATURES:

- 24 volt electric system
- Heavy duty transmission
- Shaft mounted electromechanical brake
- Creep speed operation for tight turning
- Handle with safety reversing switch and horn
- 24V/100Ah Maintenance free AGM integral batteries
- Battery discharge indicator with hour meter
- Key switch to limit access
- Lift cylinder is hard chrome
- Pump unit with motor, solenoid, & gear pump
- Pressure compensated lowering valves
- Regenerative neutral braking
- Electromagnetic brake on armature shaft
- Constant travel speed to throttle position
- Automatic resetting circuit breaker
- Vertically mounted drive motor
- Travel, lift, and lower functions in handle
- Bolt-on high visibility I-beam construction
- Dual lifting chains
- Class two ITA fork carriage
- Two piece power head cover
- Gas Assist Spring Handle
- Low Battery Interrupt

OPTIONS :

- Traction Drive Tire
- Power Steering
- Extra Wide Carriage
- Extra Long or Short Forks
- Side shift
- Tilt mast
- Protection for cold storage
- Multi-function LCD display with:
 - PIN access
 - Selectable performance modes
 - BDI and speedometer
 - On-board diagnostics and troubleshooting
- Standard or polished and tapered forks in a variety of lengths
- Travel alarm
- On/off toggle switch
- Variety of battery connectors
- Mast mounted, low profile LED work lights
- Amber strobe light

Three Mast Heights

106", 130" (STD), and 145"
Versatility to meet your application.

Roll Out Battery Tray

Allows for easy maintenance, removal and replacement.



Adjustable spring loaded caster

Stabilizes truck with loads at height.

Large Base Legs

Provides the stability needed for higher lift heights.

Low Speed / Brake Override Switch

Allows creep speed operation with handle in the upright position. Increases ability to maneuver in tight spaces.

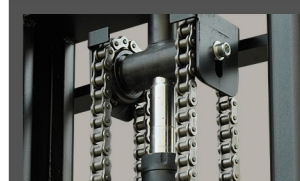


Poly Drive Tire

Provides longer tire life and has lower energy consumption versus a rubber tire.

Ergonomic Handle

Reduces operator fatigue.



Hydraulics

Lift cylinder is hard chrome. Pump unit includes motor, gear pump, and solenoid. Pressure compensated lowering valves regulates lowering speeds.



Frame and Mast

Bolt-on high visibility I-beam construction, lift cylinders are positioned in outer I-beam. Dual lifting chains. Class two ITA fork carriage with 36" tall load back rest.



Li-ion option for intensive operations

This maintenance-free battery technology gives 30% less energy consumption, exceptional battery life and the option for fast-charge at any time eliminating the need for battery change in multi-shift applications.



Front and Rear PU Wheels

The Counter Balanced Electric Lift trucks with Rider Platform has poly-on-steel steer & load wheels which are responsible for providing it exceptional maneuverability on any terrain.



Controls

Travel, lift, lower and tilt functions are located in the ergonomic operator handle, designed to allow operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard.



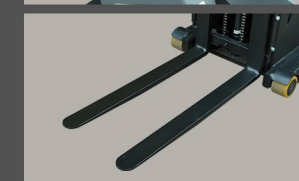
Thermoplastic Cover

These walkie stackers are equipped with a resilient high impact thermoplastic cowl cover, a tough unitized frame, a reliable powertrain design, and an interlocking channelled I-beam mast.



Turtle speed

The creep or "turtle" speed button, located conveniently on the bottom-side of the handle allows you to maneuver in and out of tight areas with the steer handle in the upright position.



Fork

These also include steel forks with adjustable width with a range of 8-3/8" to 23-1/4" wide and 36-1/4" long making it suitable for different pallet and skid sizes as well as providing a large enough room to work with.