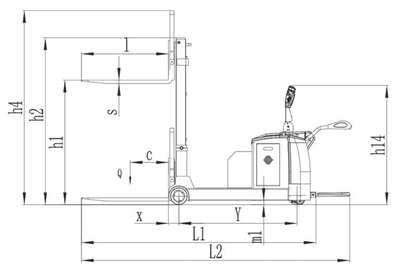
CHARACTERISTIC	1.1	**Manufacturer**			SINOLIFT	
	1.2	**Model**			**CPD10W**	**CPD15W**
	1.3	Power Type			Electric	Electric
	1.4	Type of Operation			Stand-on	Stand-on
	1.5	Steering Mode			EPS	EPS
	1.6	Load Capacity/Rated load	Q	kg	1000	1500
	1.7	Load Center Distance	C	mm	500	500
	1.8	Load Distance,Center of Drive Axle to Fork	x	mm	130	130
	1.9	Wheelbase	y	mm	1300	1450
WEIGHT	2.1	Total Weight(with Battery)		kg	1830	1850
	2.2	Axle Load (laden):Drive side/Load side		kg	1043/787	1055/795
	2.3	Axle Load (unladen):Drive side/Load side		kg	340/2490	400/2950
DIMENSION	3.1	Overall Length (Pedal Retracted/Expanded)	L1/L2	mm	2730/3170	2880/3320
	3.2	Frame Length (Pedal Retracted/Expanded without fork)		mm	1655/2075	1820/2245
	3.3	Overall Width	W1/W	mm	880/1030	880/1030
	3.4	Liting Height	2	mm	3000	3000
	3.5	Lowered Mast Height	h1	mm	2050	2050
	3.6	Extended Mast Height	h2	mm	3855	3855
	3.7	Fork Dimension	h4	mm	1070×100×40	1070×100×40
	3.8	Fork Mounting Class	l/e/s		2A	2A
	3.9	Fork Carriage Spread Width		mm	220-700	220-700
	3.1	Fork Carriage Width	b2	mm	737	737
	3.11	Ground Clearance at Center of Wheelbase (Min.)		mm	50	50
	3.12	Height of Operating Handlebar (Min./Max.)	m1	mm	1000/1450	1000/1450
	3.13	Turning Radius	h14	mm	1560/2000	1710/2145
	3.14	Min.Aisle Width (Pallet size 1000*1200)(PedalRetracted/Expanded)	Wa		3050/3470	3195/3620
	3.15	Min.Aisle Width (Pallet size 800*1200)(Pedal Retracted/Expanded)			3165/3605	3315/3750
TYRE	4.1	Tyre Type			Polyurethane	Polyurethane
	4.2	Tyre Size (Front)		mm	φ210x85	φ210x85
	4.3	Tyre Size (Auxlliary Wheel)		mm	φ115x55	φ115x55
	4.4	Tyre Size (Driving Wheel)		mm	φ230x75	φ230x75
	4.5	Wheels Quantity, front/rear(x=Driving Wheels)			2/1x+2	2/1x+2
PERFORMANCE	5.1	Traveling Speed (laden/unladen)		Km/h	5/6	4.5/5
	5.2	Lifting Speed (laden/unladen)		mm/s	80/110	80/110
	5.3	Lowering Speed (laden/unladen)		mm/s	140/120	140/120
	5.4	Max. Gradient Performance s2 5min (laden/unladen)		%	5/8	5/8
	5.5	Service Brake Type			Electromagnetic	Electromagnetic
	5.6	Parking Brake Type			Electromagnetic	Electromagnetic
POWERUNIT	6.1	Drive Motor Rating (AC)S2 -60min		kW	1.5	1.5
	6.2	Lift Motor Rating (DC)S3-15%		kW	2.2	2.2
	6.3	Battery Voltage/Capacity K5		V/Ah	24/210	24/210
	6.4	Battery Weight		kg	188	188
OTHERS	7.1	Controller Brand			CURTIS	CURTIS
	7.2	Controler Model			1232E	1232E
	7.3	Sound Level at Driver's Ear according to EN 12053		dB	70	70

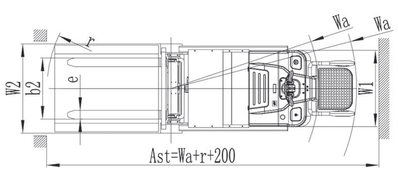
CPD10W Mast Parameters

Designation	Lifting Height	Height with Mast Lowered	Height with Mast Extended		Load Capacity
			With Load Bracket	Without Load Bracket	
	h1	h2	h4	h4	
	mm	mm	mm	mm	kg
Single Mast	1600	2050	2455	2090	1000
Duplex Mast	2500	1800	3355	3020	1000
	3000	2050	3855	3520	1000
	3500	2300	4355	4020	800
	4000	2550	4855	4520	500



CPD15W Mast Parameters

Designation	Lifting Height	Height with Mast Lowered	Height with Mast Extended		Load Capacity
			With Load Bracket	Without Load Bracket	
	h1	h2	h4	h4	
	mm	mm	mm	mm	kg
Single Mast	1600	2050	2455	2090	1500
Duplex Mast	2500	1800	3355	3020	1500
	3000	2050	3855	3520	1500
	3500	2300	4355	4020	1300
	4000	2550	4855	4520	1000



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

CPD10W CPD15W

ELECTRIC COUNTERBALANCED STACKER

ISO9001

CE

The CPD10W/CPD15W is a counterbalanced stacker, providing stability without the need for outriggers. This versatile lift truck is also available with optional attachments, making it ideal for trailer loading/unloading, dock work, put-away, block stacking and short transport.

The CPD10W/CPD15W offers exceptional sightlines directly to the fork tips, which improves load handling and positioning at floor level and at height.

- Ergonomically designed control handle
- Performance enhancing separately excited drive motor
- Energy efficient MOSFET traction/hoist controller
- User selectable performance enhancing modes
- Convenient on-board diagnostics
- Finger tip variable lift/lower
- Auto Deceleration System （ADS）
- Hall Effect smooth acceleration speed control sensor
- Optional convenient tilting mast

SHANGHAI SINOLIFT EQUIPMENT CO., LTD.

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Fax: 0086-21-68014262

Website: www.sinolift.com www.sinoliftchina.com

Skype: sinolift

Whatsapp & Mobile: 0086 138 1757 2420

Sinolift stackers are specifically engineered for the harsh, rough and less-than-perfect realities of typical applications. They're built for ruggedness, precision and power. Put them to the test and you'll find robust performance, simplified use, excellent maneuverability and control.

SAFETY AND PRODUCTIVITY

- Advanced AC control system eliminats directional contactors, which brings minimal maintenance requirements.
- Mast loweing damping cushion for low noise operation.
- Multi-function display with BDI and hour meter etc.
- Side way battery replacement.
- Auto deceleration function.
- Emergency switch.
- Turtle mode switch.
- Proportional Travel speed control.

OPTIMUM STRUCTURAL DESIGN

- Low barycenter ensures the stable operation.
- The motor structure is water-proof and dust-proof(IP 44).
- Mast and frame dividable and exchangeable.
- Full free lifting. (3M lift height truck can enter into a 2M door)

SERVICEABILITY

- Central positional electronic component simplifies debuging and maintaining.
- CANbus technology reduces wiring complexity and increase reliability.
- User of non-contact type switch in the mast

CORE COMPONENTS

Hydraulics

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

Transmission

Vertically mounted drive motor is direct mounted to gear housing. Oil bathed ZF GK10 hypoid bevel gear drive-train transfers power to axle. State of the art optimized gear technology supplies advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and high performance.

Electric power steering

Electric power steering makes the operating effortless. Manuvering in narrow spaces becomes a lot easier with electric power steering.

Fully opened hood

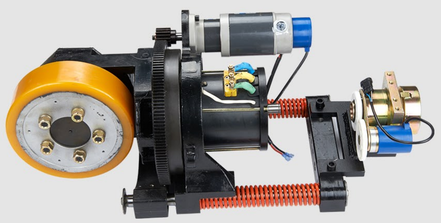
The rear hood of the car body can be completely disassembled, and the components are clear at a glance for easy maintenance.

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.

Hydraulics

Transmission



Electric power steering

Li-ion option for intensive operations

STANDARD SPECIFICATION:

- AC drive motor
- CURTIS AC drive motor controller + oil pump motor controller
- EPS system
- Automatic deceleration at turns
- Speed of lifting, lowering, and tilting can all be regulated in proportion
- Digital CAN-bus communications
- Shaft mounted electromechanical brake
- Pump unit with motor, solenoid, & gear pump
- Lead acid battery
- Intelligent charger
- Battery discharge indicator with hour meter
- Automatic resetting circuit breaker
- Key switch to limit access
- High-performance load bearing wheels
- Fork length 1070mm/42"
- Class two ITA fork carriage
- Duplex mast
- Mast intelligent declining buffer
- Multi-function tiller
- Speed limit when fork is at elevated location
- Creep speed function
- Emergency reverse
- Horn
- Load backrest
- Mast shield of wire mesh

OPTIONS :

- Lithium battery
- Mast of various heights (see mast parameter list for details)
- Extra wide carriage
- Extra long or short forks
- Mast shield of PC plate
- Forward and backward tilt of mast
- Battery side extraction
- Freezer
- Side shift
- Access keypad with pin code
- Amber strobe light

Hour Meter / BDI

BWS17S-7 comes standard with an Hour Meter/Battery Discharge Indicator to keep track of hours used and reserve battery power at a glance.

Three Mast Heights

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

Low Speed / Brake Override Switch

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

CAN Bus Technology

This reduces the number of connections and potential for problems making the system less complicated and more reliable.

Ergonomic Handle

Reduces operator fatigue.

Roll-Out Battery Tray

Allows for easy maintenance, removal and replacement.

Adjustable Spring Loaded Caster

Helps stabilize loads when lifted and when making turns.

Poly Drive Tire

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

Polyurethane (PU) braked wheels and rollers are durable, non-marking and quiet

Simple and beautiful tiller designed to improve the operator's driving comfort. Optimized designing structure to offer a good visibility and easy entrance to the pallet

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.

Mast tilting is the optional feature, offers proportional forward/backward speed

Removal of two piece power head cover exposes major components for inspection and maintenance. Drive wheel is removed with one nut.

Easy Maintenance Operator Friendly All Sinolift Powered Pallet Stackers come standard with an Hour Meter/Battery Discharge Indicator to keep track of

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

Floating frame structure with advanced mounting type, larger area of thrust surface on piston rod, superior resistance to deformation, bending and abrasion, unable to loose and falling out.