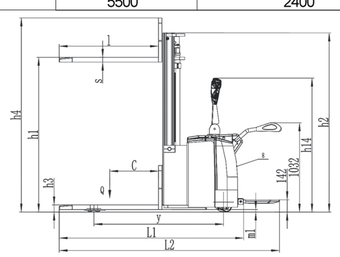
					SINOLIFT	
DENTIfiCATION	1.1	Manufacture's type designation				
	1.2	Model			CDD16M	CDD20M
	1.3	Power Type			Electric	Electric
	1.4	Type of Operation			Stand-on	Stand-on
	1.5	Steering Mode			Electric Power Steering	Electric Power Steering
	1.6	Load capacity/Rated load	Q	kg	1600	2000
	1.7	Load Center Distance	C	mm	600	600
	1.8	Wheelbase	y	mm	1500	1500
WEIGHT	2.1	Total Weight (with battery)		kg	1300	1350
	2.2	Axle Load(laden):Drive side/Load-bearing side		kg	1115/1785	1285/2065
	2.3	Axle Load(unladen):Drive Side/Load-bearing side		kg	947/353	985/365
DIMENSION	3.1	Overall Length (Pedal Retracted/Expanded)	L1/L2	mm	2210/2645	2210/2645
	3.2	Overall Width	W1	mm	880	880
	3.3	Lift Height	h1	mm	Refer to mast parameter	Refer to mast parameter
	3.4	Lowered Mast Height	h2	mm	Refer to mast parameter	Refer to mast parameter
	3.5	Extended Mast Height	h4	mm	Refer to mast parameter	Refer to mast parameter
	3.6	Free Lift Height	h5	mm	Refer to mast parameter	Refer to mast parameter
	3.7	Fork Dimension	l/e/s	mm	1220×185×55	1220×185×55
	3.8	Width of Fork	b2	mm	560/685	560/685
	3.9	Min.Fork Height	h3	mm	85	85
	3.10	Ground Clearance at Center of Wheelbase (Min)	m1	mm	30	30
	3.11	Height of Operating Handle bar(Min./Max)	h14	mm	1000/1550	1000/1550
	3.12	Turning Radius	Wa	mm	1755/2200	1755/2200
	3.13	Min. Aisle width for pallets 1000×1200 (Pedal Retracted/Expanded)			2630/3085	2630/3085
	3.14	Min. Aisle width for pallets 800×1200 (Pedal Retracted/Expanded)			2555/3010	2555/3010
TYRE (WHEEL)	4.1	Tyre Type			Polyurethane	Polyurethane
	4.2	Tyre Size (Front Load Wheel)		mm	φ80x60	φ80x60
	4.3	Tyre Size (Auxiliary Wheel)		mm	φ115x55	φ115x55
	4.4	Tyre Size (Driving Wheel)		mm	φ230x75	φ230x75
	4.5	Wheels Quantity, front/rear (x=Driving Wheels)			4/1x+2	4/1x+2
POWER UNIT	5.1	Traveling Speed (laden/unladen)		Km/h	5/5.5	5/5.5
	5.2	Lifting Speed(laden/unladen)		mm/	95/135	95/135
	5.3	Lowering Speed(laden/unladen)		s	100/130	100/130
	5.4	Max.Gradient Performance (laden/unladen)		mm/	5/8	5/8
	5.5	Service Brake Type		s	Electromagnetic	Electromagnetic
	5.6	Parking Brake Type		%	Electromagnetic	Electromagnetic
POWER UNIT	6.1	Drive Motor Rating (AC) S2 -60min			1.5	1.5
	6.2	Lift Motor Rating (DC) S3-15%			3	3
	6.3	Battery Voltage/Capacity K5		kW	24/210	24/210
	6.4	Battery Weight		kW	188	188
OTHERS	7.1	Controller Brand		V/Ah	CURTIS	CURTIS
	7.2	Controller Model		kg	1232E	1232E
	7.3	Sound level atdriver's ear according to EN 12 053			70	70

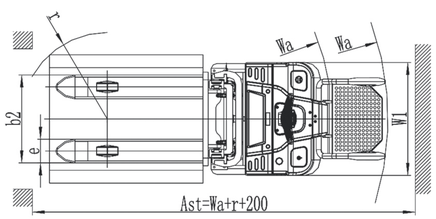
CDD16M Mast Parameters

Designation	Lift Height	Lowered mast Height	Extended Mast Height	Free Lift Height	Load Capacity/Rated Load
	mm	mm	mm	mm	kg
One-stage	1600	2070	2070	1600	1600
Two-stage	2500	1820	3055	/	1600
	3000	2070	3555	/	1600
	3500	2320	4055	/	1200
	4000	2570	4555	/	1000
Three stage full free mast	3500	1740	4040	1170	1200
	4000	1905	4540	1335	1000
	4500	2070	5040	1500	700
	5000	2240	5540	1670	500

CDD20 Mast Parameters

Designation	Lift Height	Lowered mast Height	Extended Mast Height	Free Lift Height	Load Capacity/Rated Load
	mm	mm	mm	mm	kg
One-stage	1600	2070	2070	1600	2000
Two-stage	2500	1820	3055	/	2000
	3000	2070	3555	/	2000
	3500	2320	4055	/	1600
	4000	2570	4555	/	1000
Three stage full free mast	3500	1740	4040	1170	1600
	4000	1905	4540	1335	1000
	4500	2070	5040	1500	800
	5000	2240	5540	1670	600
	5500	2400	6040	1840	300





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

CDD16M CDD20M

STAND-ON ELECTRIC STACKER
ISO9001
CE

SHANGHAI SINOLIFT EQUIPMENT CO., LTD.

Address: No. 2471 Dachuan Road, Nanhui Industry Park, Pudong New District, Shanghai, 201399,P.R.China
Tel: 0086-21-68014500 or 0086-21-58003681
Fax: 0086-21-68014262
Website: www.sinolift.com www.sinoliftchina.com
Skype: sinolift
Whatsapp & Mobile: 0086 138 1757 2420

➡ No matter for which application you may need a pedestrian operated truck. With our extensive product range of stackers you will always have the right truck for your materials handling needs.

➡ We offer the right solution for every industrial application from occasional use up to the most intensive.

Safety and productivity

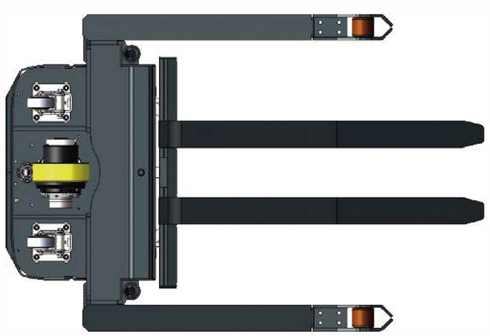
* Advanced AC control system eliminats directional contactors, which brings minimal maintenance requirements.
* Mast loweing damping cushion for low noise operation.
* Multi-function display with BDI and hour meter etc.
* Side way battery replacement.
* Auto deceleration function.
* Emergency switch.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

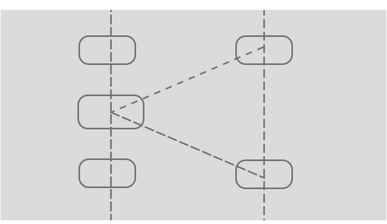
Optimum structural design

* 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





Chassis with 3=2 point structure

* The drive wheel is located in the middle for better traction and stability of the stacker
* The support wheels with suspension are located from left and right sides and provide better lateral stability to the truck.
* Straddle legs are equipped with single rollers.

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.

STANDARD SPECIFICATION:

- Horn
- AC drive motor
- 24V/210AH lead acid Battery
- PU drive wheel
- Tandem PU load wheels
- Fork lift & lower adopts stepless speed regulating
- Centre mounted control arm with full function control handle
- Pedal and handrail
- Soft landing system
- On-board charger
- Electromagnetic brake
- Regenerative brake
- 1220mm fork length
- CURTIS AC controller
- Hydraulic power unit
- Emergency disconnect switch
- Multi-function battery indicator
- CAN-bus system multi-function tiller
- Electric steering (stand on pallet stacker)

OPTIONS :

- Lead-acid batteries of different capacities
- Li-ion battery
- Height of frames with different specifications
- Different width of outside fork
- Different mast lifting heights
- Protection for cold store
- Foldable standing-type pedal
- Forks with different specifications
- Non-standard fork spread or straddle dimensions
- Creep speed control
- Load restrainer
- Load backrest
- Mast protection
- Lexan mast shield
- Side way battery change
- Battery changing trolley
- Different length of forks
- Overhead guard
- Reverse alarm
- Flashing beacon
- Camera system with color monitor
- Side restraints
- Side stabilizers for extra safety during high lift

Hour Meter/BDI

Keeps track of hours used

Ergonomic Handle

Reduces operator's fatigue

Industry Battery and locker

Hour Meter/BDI

Keeps track of hours used and reserves battery power at a glance

One-piece High Tensile Steel Forks

Are formed into a C-channel and reinforced in critical areas

Pallet Entry Rollers

Eases pallet entry and exit

Poly Drive Tire

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

Foldable Platform with Speed Sensor

Aids productivity in long distance applications without comprimising maneuverabitity

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

Wider rider platform, good set-up spring shock absorber, more space of standing, more sense of comfortable, longer work life.

Adjustables pring loaded caster improves truck stability with any load.

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

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

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

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.