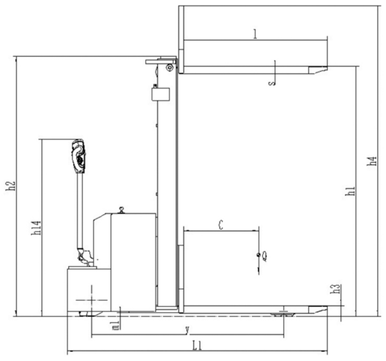
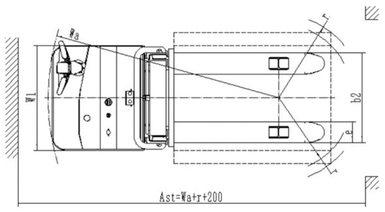
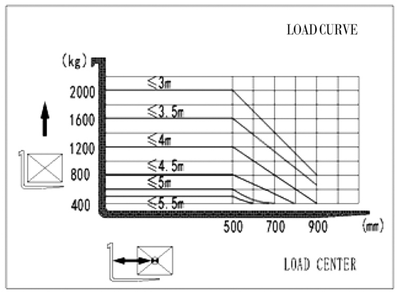
SPECIFICATION	1.1	**Manufacturer**			**SINOLIFT**	
	1.2	**Model**			**CDD20N**	**CDD20NW**
	1.3	Driving Model: Electric(Storage battery), Diesel, Gasoline, Fuel gas			Electric	Electric
	1.4	Operating（Manual, Walking, Stand driving, Seat driving ,Order picking）			Walkie	Walkie
	1.5	Rated Capacity	Q	kg	2000	2000
	1.6	Load Center Distance	C	mm	600	600
	1.7	Wheel Base	y	mm	1535	1535
WEIGHT	2.1	Service Weight(with battery)	kg		995	995
	2.2	Load weight (laden) Drive side/Load side	kg		1285/2065	1285/2065
	2.3	Load weight (unladen) Drive side/Load side	kg		985/365	985/365
CHASSIS	3.1	Wheels (Rubber, Pneumatic Tyre, Polyurethane Wheel)			polyurethane	polyurethane
	3.2	Wheel dimension, front			Φ250×80	Φ250×80
	3.3	Wheel dimension, rear			Φ80×70	Φ80×70
	3.4	Additional Wheel			Φ130×50	Φ130×50
	3.5	Wheel number, Drive wheel/Load Wheel/Balanced wheel (x=drive wheel)			4/1x+1	4/1x+1
	3.6	Thread, front	b4	mm	525	525
	3.7	Thread, rear	b4	mm	650	650
DIMENSION	4.1	Retracted height	h2	mm	Refer to mast parameter	Refer to mast parameter
	4.2	Max. Lift Height	h1	mm	Refer to mast parameter	Refer to mast parameter
	4.3	Extended Mast Height	h4	mm	Refer to mast parameter	Refer to mast parameter
	4.4	Free lift	h5	mm	Refer to mast parameter	Refer to mast parameter
	4.5	Height, Fork Lowered	h3	mm	85	85
	4.6	Overall Length	L1	mm	2080	2080
	4.7	Overall Width	W1	mm	880	880
	4.8	Fork dimension	l/e/s	mm	1150/170/60	1150/170/60
	4.9	Fork width	b2	mm	550/685	550/685
	4.10	Ground Clearance	m1	mm	30	30
	4.11	Aisle Width, with pallet 1000x1200 crosswise	Ast	mm	2600	2600
	4.12	Aisle Width, with pallet 800x1200 lengthwise	Ast	mm	2525	2525
	4.13	Handle Height (Operation position)	H14	mm	1290	1290
	4.14	Turning Radius	Wa	mm	1760	1760
PERFORMANCE DATA	5.1	Traveling speed, full load/no-load		km/h	4/5.5	4/5.5
	5.2	Lifting speed, full load/no-load		mm/s	85/130	85/130
	5.3	Descending speed, full load/no-load		m/s	100/85	100/85
	5.4	Max. Gradient, load/unload		%	5/8	5/8
	5.5	Traveling Brake			Electromagnetic brake	Electromagnetic brake
MOTOR	6.1	Driving Motor Power S2-60min		kW	1.5 (AC)	1.5 (AC)
	6.2	Lifting Motor Power (DC) S3-15%		kW	3.0	3.0
	6.3	Battery Voltage/Rated Capacity		V/Ah	24/150	24/150
	6.4	Battery Weight		Kg	180	180
	6.5	Turing Mode			Mechanical	Mechanical
OTHER	7.1	Controller Brand			CURTIS	CURTIS
	7.2	Controller Model			1232E	1232E
	7.1	Noise Level at Operator's Ear, according to DIN12053		dB(A)	70	70

CDD20N/CDD20NW Mast Parameters					
Designation	Lift Height (h1)	Lowered Mast Height (h2)	Extended Mast Height (h4)	Free Lift Height (h5)	Load Capacity/Rated Load
	mm	mm	mm	mm	kg
One-stage	1600	2070	2150	1600	2000
Two-stage	2000	1580	2550	/	2000
	2500	1830	3050	/	2000
	3000	2080	3550	/	2000
	3500	2330	4050	/	16000







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

CDD20N CDD20NW

WALKIE ELECTRIC STACKER
ISO9001
CE

SHANGHAI SINOLIFT MECHANICAL AND ELECTRICAL EQUIPMENT CO.,LTD

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INDIVIDUAL, FLEXIBLE AND CERTAINLY THE BEST SOLUTION

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

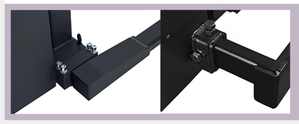
- Advanced AC control system eliminats directional contactors, which brings minimal maintenance requirements.
- Mast loweing damping cushion for low noise operation.
- Multi-function display with BDI and hour meter etc.
- Side way battery replacement.
- Auto deceleration function.
- Emergency switch.
- 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 2.1M door)

SERVICEABILITY

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



Fixed Straddle Baselegs [Inside Dimension in 4" increments from 38" to 50"]; Adjustablebaseleg optional to fit a wide range of pallet sizes.

The CDD20NW stackers are equipped with straddle legs which allow to pick up and stack all types of loads such as box pallets, gitter boxes or closed pallets. The width within the forks can be adjusted thanks to an ISO fork carriage.

The ISO fork carriage can also fit specific applications by adding optional accessories such as grippers or side-shifters.

Li-ion option for intensive operations

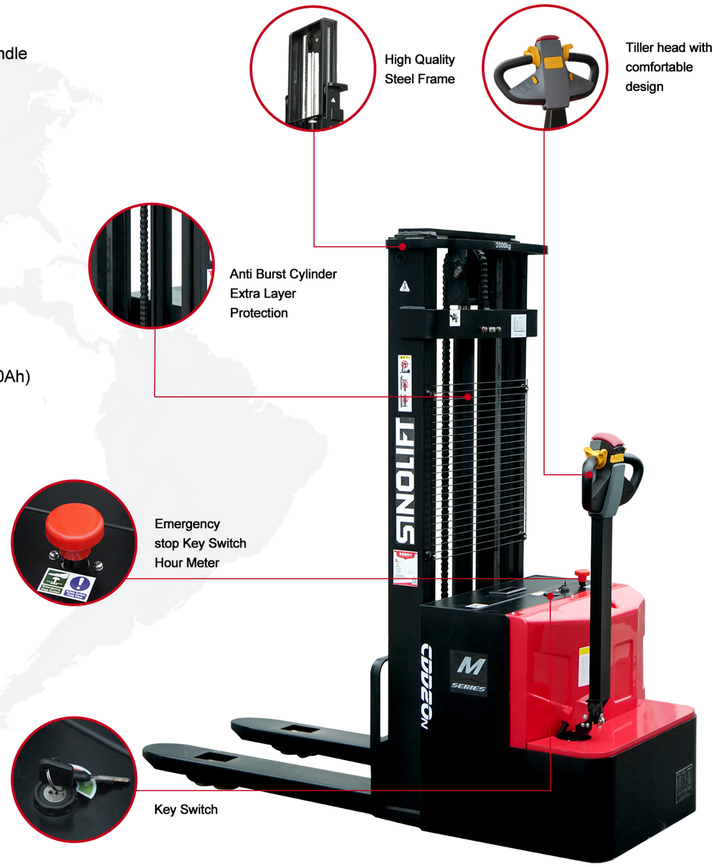
This maintenance-free battery technology gives 30% less energy consumption, exceptional battery life and the option for fast-charge at any time eliminating the need for battery change in multi-shift applications.

STANDARD SPECIFICATION:

- Horn
- AC drive motor
- 24V/150AH 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
- Soft landing system
- On-board charger
- Electromagnetic brake
- Regenerative brake
- 1150mm fork length
- CURTIS AC controller
- Hydraulic power unit
- Emergency disconnect switch
- Multi-function battery indicator
- CAN-bus system
- Electric steering (stand on pallet stacker)

OPTIONS :

- Lead-acid batteries of different capacities (Max. 24V/280Ah)
- Li-ion battery
- Height of frames with different specifications
- Different width of outside fork
- Different mast lifting heights
- Protection for cold store
- 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



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

Nested I-beam rails and thick steel cross bars.
Contribute to a rugged and stable mast with high residual capacities.

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.

The powerful drive motor is controlled precisely by the travel switch on the handle. The motor only gets exactly the power level required.

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