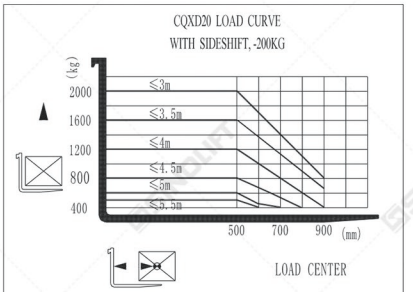
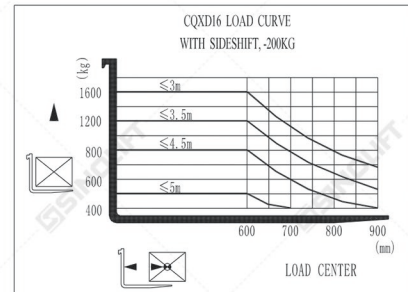
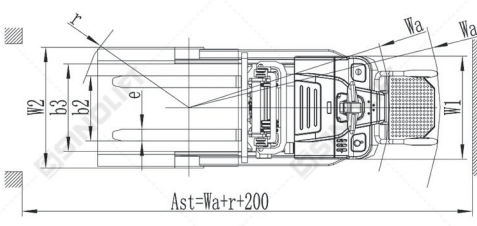
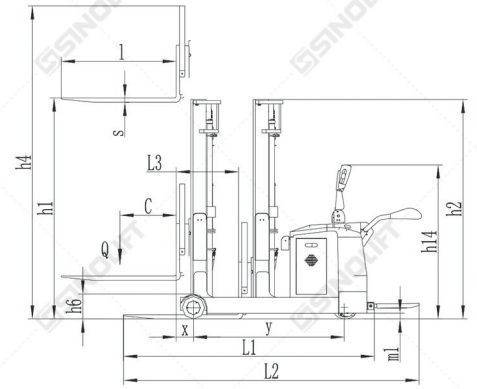


CHARACTERISTIC				SINOLIFT		
				CQXD16	CQXD20	
1.1	Manufacturer Brand					
1.2	Model					
1.3	Power Type			Electric	Electric	
1.4	Type of Operation			Stand-on	Stand-on	
1.5	Steering Mode			Electric Power Steering	Electric Power Steering	
1.6	Load Capacity/Rated Load	Q	kg	1600	2000	
1.7	Load Center Distance	C	mm	600	500	
1.8	Load Distance, the center of drive axle to fork	x	mm	160	160	
1.9	Wheelbase	y	mm	1410	1610	
WT	Total Weight (with Battery)		mm	1980	2000	
DIMENSION	3.1	Overall Length (Pedal Retracted/Expanded)	L1/L2	mm	2335/2750	2435/2870
	3.2	Overall Width	W1/W2	mm	880/1030	880/1030
	3.3	Lift Height	h1	mm	3000	3000
	3.4	Height with Mast Lowered	h2	mm	2040	2040
	3.5	Height with Mast Extended	h4	mm	3855	3855
	3.7	Fork Dimension	l/e/s	mm	1070×100×40	1070×122×40
	3.8	Fork Mounting Class			2A	2A
	3.9	Fork Carriage Spread Width	b2	mm	220-690	220-690
	3.1	Fork Carriage Tilt (forward/backward)	α/β	°	2/4	2/4
	3.11	Inner Width of Straddle Leg	b3	mm	748	748
	3.12	Reach Distance	L3	mm	580	680
	3.13	Height of Straddle Leg	h6	mm	235	235
	3.14	Ground Clearance at the Center of Wheelbase (Min.)	m1	mm	55	55
	3.15	Height of Operating Handlebar (Min./Max.)	h14	mm	1000/1450	1000/1450
	3.16	Turning Radius (Pedal Retracted/Expanded)	Wa	mm	1710/2145	1910/2340
	3.17	Min. Aisle Width (Pallet size 1000*1200)(Pedal Retracted/Expanded)	Ast	mm	2835/3270	2955/3485
	3.18	Min. Aisle Width (Pallet size 800*1200)(Pedal Retracted/Expanded)	Ast	mm	2785/3220	2900/3330
	TYRE (WHEEL)	4.1	Tyre Type		Polyurethane	Polyurethane
4.2		Tyre Size (Front)	mm	φ210x85	φ210x85	
4.3		Tyre Size (Balance 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	5/5.5	4/5	
	5.2	Lifting Speed (Laden/Unladen)	mm/s	80/130	80/130	
	5.3	Lowering Speed (Laden/Unladen)	mm/s	150/100	150/100	
	5.4	Max. Gradient Performance S2 5min (Laden/Unladen)	%	5/8	4/8	
	5.5	Service Brake Type		Electromagnetic	Electromagnetic	
5.6	Parking Brake Type		Electromagnetic	Electromagnetic		
POWER UNIT	6.1	Drive Motor Rating (AC) S2-60min	kw	1.5	1.5	
	6.2	Lift Motor Rating (DC) S3 15%	kw	3	3	
	6.3	Battery Voltage/Capacity K5	V/Ah	24/240	24/240	
	6.4	Battery Weight	kg	200	200	
OTHERS	7.1	Controller Brand		CURTIS	CURTIS	
	7.2	Controller Model		1232E	1232E	
	7.3	Sound Level at Driver's Ear According to EN12053	dB	70	70	

Designation	Lift Height mm	Lowered mast Height mm	Extended Mast Height mm	Free Lift Height mm	Load Capacity/Rated Load kg
One-stage	1600	2040	2455	1600	2000
	2500	1790	3355	/	2000
Two-stage	3000	2040	3855	/	2000
	3500	2290	4355	/	1600
	4000	2540	4855	/	1200
Three stage full free mast	3500	1710	4355	1150	1600
	4000	1873	4855	1295	1200
	4500	2040	5355	1460	800
	5000	2207	5855	1625	600
	5500	2375	6355	1820	400



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.

SINOLIFT
For material handling

CQXD16 CQXD20
STAND-ON ELECTRIC REACH STACKER
ISO9001
CE



Easy Lift, Easy Life!

This fully-powered pallet stacker has a forward extending mast and a counterbalance built into the back. This shifts the forks beyond the front legs which allows it to drive right up to shelving units without contacting the shelf legs or pallets on the ground. This machine features both electrically powered lifting and driving, removing all effort from the operator to move heavy loads. Similar to a forklift, this stacker has a tilting mast to provide greater stability when lifting and transporting a load.

Key Feature:

- Low-maintenance AC motor offers durability and strength, as well as low energy consumption.
- Standard EPS (Electric power steering) provides easy control and handling
- Release braking, reverse braking and emergency braking can ensure safety of traveling.
- Vertical driving wheel unit, powerful and reliable.
- Multi-way valve controls lift, forward and tilt of forks.
- Small overall length allows stacking in a narrow aisle.
- Strong chassis bears long-term and heavy duty.
- Traction batteries ensure continuous operation time.
- Battery charger displays charging status visually.



SHANGHAI SINOLIFT MECHANICAL & ELECTRICAL 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

Wechat: sinolift deng

Whatsapp & Mobile: 0086 138 1757 2420





With Max. capacities to 2000kg, the CQXD16/CQXD20 models are built to be the best, most reliable narrow aisle walkie reach trucks in the industry.

Total Drive System

- Equipped with powerful AC drive system.
- External encoder for easy replacement.
- Precise positioning of loads.
- High torque.
- Brushless, regenerative brake.

Safety

- Automatic speed reduction technology for sharp corner turns.
- Emergency reversing button.
- Electromagnetic braking initiated by the emergency stop button acts on the drive motor proportional to the load carried.

Revolutionary AC motor

Vertical motor makes the inspection & service much more convenient. The drive system adopts the guide rail damping structure, and the drive system automatically settles along with the undulation of the road surface to ensure that the driving wheel is always in contact with the road surface, ground contact, not easy to skid.

Large front wheel design with balance wheels on both sides and elevated chassis allows the stacker to be operated in uneven surfaces while maintaining balance.

AMP connector and durable electric wires greatly reduce malfunctions of component. Applied with electric valve on and better heat releasing systems support long time operation.

The complex hydraulics system provides infinite control of:

- Integrated tilt movement (tested to the highest of International standards)
- Innovative 'Reach' function, for precision material handling.
- Smooth lift mechanism, with standard 2 stage mast - vital for stability.
- Side-shift fitted as option to allow for practical maneuverability.

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.

Maintenance

- Maintenance-free AC driving motor reduces operation cost significantly.
- The meter integrating battery indicator, timer, and fault self-diagnosis is convenient for maintenance.
- Back cover can be opened fully, and all components and parts are clear at a glance, which is very convenient for maintenance of the entire machine.

Ergonomics

- Tiller head designed for maximum operator comfort and control.
- Controls positioned to allow either hand operation.
- EPS system provides optimum directional control at any speed.



STANDARD SPECIFICATION:

- AC driving motor
- CURTIS AC controller
- EPS (Electric Power Steering) system
- Automatic deceleration at turns
- Proportional speed regulation for all fork operations
- Pedal and guardrail
- Emergency power of switch
- Good set-up Spring Shock Absorber
- Multi-function battery condition meter
- Fork length 1070mm
- Adjustable outer distance of forks within the range of 220-690mm
- Load backrest
- Duplex mast with double lifting cylinders
- Soft landing system
- Multi-function tiller
- Reach distance of fork: 580mm for CQXD16, 680mm for CQXD20
- 240Ah Lead-acid side slidable battery
- The electronic limitation to be acted when mast move forward

OPTIONS :

- Fork tilt forward / backward: 3° / 5°
- Mast height: 1600-4000mm for duplex mast, 3500-5500mm for triplex mast (free lift)
- Various fork lengths
- Sideshift move LH/RH ±100mm
- Warning Lights
- Headlights
- Beeper
- Traveling speed will be automatically reduced after fork lifting 500mm
- Sideways battery exit
- Up-right drive function
- Remote controlled lowering & lifting
- Moonwalk
- Varying speed control
- Overhead guard
- Safety speed control



Roll-Out Battery Tray (Options)

Allows for easy maintenance, removal and replacement.

Adjustable Spring Loaded Caster

Helps stabilize loads when lifted and when making turns.

Hour Meter / BDI

CQXD16/CQXD20 comes standard with an Hour Meter/Battery Discharge Indicator to keep track of hours used and reserve battery power at a glance.

Low Speed / Brake Override Switch

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

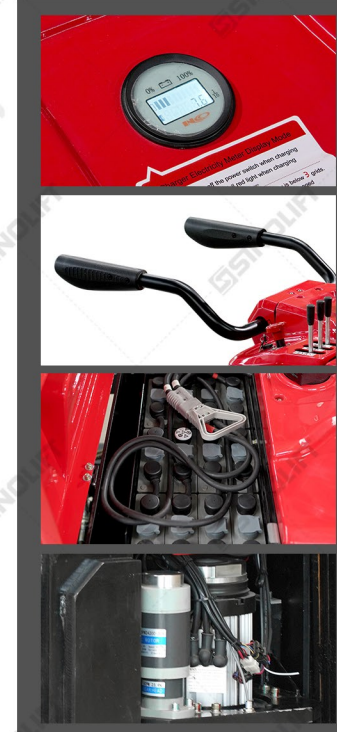
Ergonomic Handle

Reduces operator fatigue.



Poly Drive Tire

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



The meter integrating battery indicator, timer, and fault self-diagnosis is convenient for maintenance.

The protective arm, as well as the new internal structure of the body, make the overall length of the stacker truck as short as possible, and achieve a smaller turning radius in the same.

Back cover can be opened fully, and all components and parts are clear at a glance, which is very convenient for maintenance of the entire machine.

Mounted motor drive unit mounting eliminates power cable tension and flex, extending life.



Ergonomic control handle with built-in belly button protects from potential injuries when backing up.

The mast is made of H-shaped steel channels, which offer better rigidity and stability in comparison with C-shaped channels. Reach track of mast is made of high strength steel channels, with longer service life.

Pump motor realize proportional control all operation of fork by the controller, thus more accurate fork operation.

The vibration-reduction design of the pedal reduces fatigue of long-duration operation.