

■ Mast Specifications of 1.0T/1.5T/2.0T/2.5T Electric Reach Truck

2-Stage High-Visibility Mast

Mast model	Lifting Height	Lifting Capacity				Overall Height of Mast				Free lift (※)	
		1t	1.5t	2.0t	2.5t	1-1.5t		2-2.5t		1-1.5t	2-2.5t
		Electric Reach Truck				Lowered	Extended With Backrest	Lowered	Extended With Backrest	Electric Reach Truck	
		Lifting Capacity at 500mm Load center								Without Backrest	
Mm	Kg	Kg	Kg	Kg	Mm	Mm	Mm	Mm	Mm	Mm	
2M300	3000	1000	1500	2000	2500	2100	3900	2100	3950	100	150
2M350	3500	800	1200	1600	2000	2370	4400	2370	4450	100	150
2M400	4000	700	1000	1300	1600	2620	4900	2620	4950	100	150

3-Stage Wide-View Full Free Mast

Mast model	Lifting Height	Lifting Capacity				Overall Height of Mast				Free lift (※)	
		1t	1.5t	2.0t	2.5t	1-1.5t		2-2.5t		1-1.5t	2-2.5t
		Electric Reach Truck				Lowered	Extended With Backrest	Lowered	Extended With Backrest	Electric Reach Truck	
		Lifting Capacity at 500mm Load center								Without Backrest	
Mm	Kg	Kg	Kg	Kg	Mm	Mm	Mm	Mm	Mm	Mm	
3FFM500	5000	700	900	1100	1200	2340	5900	2340	5950	1670	1670
3FFM560	5600	600	800	1000	1100	2460	6500	2460	6550	1860	1860
3FFM600	6000	500	700	900	1000	2680	6900	2680	6950	2000	2000
3FFM660	6600	//	600	800	900	2880	7500	2880	7550	2200	2200
3FFM720	7200	//	500	700	800	3090	8100	3090	8150	2400	2400

Note: 1. All those data is the standard work data, and can be changed due to the work influence.
2. With sideshift or attachment, the Lifting capacity will be changed accordingly.

Optional Equipment and Accessories

- 3.0m-4.2m duplex mast
- 5.0m-7.2m triplex mast
- Special carriage
- Other dimension forks
- Sideshifter
- Traction control
- Front tire Brake
- High backrest
- Wide backrest
- PU tire
- Colorful tire
- Top security cover
- Windscreen
- Safety-mast mirror
- Side mirror
- Back-up lamp
- Operating light
- Discharge zone
- Working light
- Alarm lamp for turning
- Alarm flash
- Beep for back and forward
- Glasses for freezers and cold rooms
- Automatic installation of battery water
- Spare battery
- Battery support
- Big size steering wheel
- Model for - 35°
- High locator
- Surveillance System
- Other attachments



CQD-F Series

Electric Reach Truck

ISO9001

CE



- Rated capacity: 1.0T/1.5T/2.0T/2.5T
- High performance operating system
- Advanced components
- Good waterproof performance
- Stacking in narrow space, flexible and easy

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1.0/1.5/2.0/2.5T Electric Reach Truck

- Wide view mast and shock absorption design for mast retraction.
- The intelligent dynamic system provides the safe movement.
- Engineer may through truck's on diagnosis connection read performance data. Causes the adjustment truck performance parameter, the foresighted maintenance and the fast repair becomes very convenient.
- The truck must maintain the gap to amount to for 1000 hours.
- Man-machine work efficiency. The set exercises the control, the choice of direction, the auto reversal applies the brake the multi-purpose operating handles, cause the operation to be more precise, the efficiency is higher, the pilot fatigue is lowest.
- Leans the station operation, as well as the layout reasonable operating handle, reduces the pilot body movement, reduces wearily. The LDC controller may realize the stepless change.
- The compact body design, unifies the rear wheel drive to change, causes can also operate in the narrow space freely.
- Three set of independent brake ways do not change with the snapping back hydraulic pressure unify, cause the steering control to be more precise.

Features: Comfortable ,Energy Saving, Environment Protection, High Efficiency

- All control switch are easy to operate, Steering easily and flexibly.
- No pollution, low noise continue to green philosophy of SINOLIFT.
- Based on the safe principle, high lifting speed of the mast improves working efficiency.



Compact structure, Extensive vision to better operability
Imported high precision mast materials, the wide view mast gives the drive greater visibility to the front and increases the advantage of operation.



New designing postion of battery for easily load and unload

The front battery box is very convenient for checking the battery condition, adding water and exchanging battery (the traditional side design is taking time and using great effort),



Wide operation space and Convenient Ergonomic Instrument Design

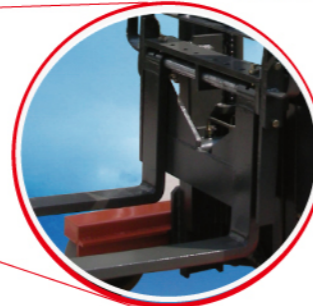
The increased space and low-pedal would reduce operator's fatigue, the ergonomic design panel is easy and safe for operation, Functional screen meter would illustrate the date of battery, speed, hours table, time reminding for maintenance, instruction for turning, limited speed in plants, fault codes and etc.



Thanks to tilt overhead guard, water and moisture could be influxed before before being discharged, which ensure the forklift works in a good condition in freezers, so as to allow the operator to maintain dry and happy working.



It adapts the cover board design for better disassembly and maintenance in the front



Fork lowering cushion function could enable to reduce speed before landing, which would automatically avoid the noise caused by fork collision to the ground.

Small turning radius

The chassis design and steering geometry provide an outstanding turning radius: 1610mm (taking CQD-15F for example, The steering angle of 90° in each direction further enhance maneuverability. These specifications ensure improved safety clearances in confined spaced with high loading.



CPD-F Series 1.0T/1.5T/2.0T/2.5T Electric Reach Truck Specifications.

General		SINOLIFT					
		CQD-10F(AC)	CQD-15F(AC)	CQD-20F(AC)	CQD-25F(AC)		
Manufacture							
Model							
Power Type		Battery	Battery	Battery	Battery		
Capacity	kg	1000	1500	2000	2500		
Load center	mm	500	500	500	500		
Lifting height	A mm	3000	3000	3000	3000		
Lifting speed (Full loaded / Without loaded)	mm/s	117/243	117/243	110/243	220/243		
Travel speed (Full loaded / Without loaded)	km/h	7.5/8.5	7.5/8.5	7.0/8.0	7.0/8.0		
Mast reach length	B mm	560	560	675	675		
Gradeability (Full loaded)	%	≤10	≤10	≤10	≤10		
Fork inclination (Front/Rear)	°	3/5	3/5	3/5	3/5		
Turning radius	R mm	1610	1610	1965	1965		
Overall length	C mm	2090	2090	2450	2450		
Overall width	D mm	1090	1090	1250	1250		
Height	Overhead guard height	E mm	2280	2280	2280		
	Mast lowered height	H1 mm	2100	2100	2100		
	Mast extended height	H2 mm	3900	3900	3950		
	The height of operation pedal	mm	360	360	360		
Wheelbase	F mm	1350	1350	1700	1700		
Overall fork width	G mm	690	690	690	690		
Fork size	mm	920×100×35	920×100×35	1070×100×40	1070×100×40		
*weight	kg	2000	2300	3000	3000		
Wheel	Front wheel	mm	φ 267×114	φ 267×114	φ 267×114	φ 267×114	
	Driving wheel	mm	φ 343×114	φ 343×114	φ 343×114	φ 343×114	
	Balance wheel	mm	φ 180×76	φ 180×76	φ 180×76	φ 180×76	
Drive unit & Control	Driving motor	kw	4 (6.5 AC type)		5 (6.6 AC type)		
	Lifting motor	kw	6.3 (10 AC type)		7.5 (12 AC type)		
	Turing motor	kw	0.3	0.3	0.3	0.3	
	Voltage	V	48	48	48	48	
	Battery capacity	A/5h	300	300	400	400	
	Brake	Service brake		machtenical + power		machtenical + power	
		Parking brake		machtenical			
	Charging	A	40	50	60	80	
	Drive Control system		resistance mode,MOSFET chopper controller				
	Drive Control system (AC type)		AC frequency conversion				

1. Special lifting height is available, full free 2-stage mast or full free 3-stage mast is available.
2. Attachment is available (sideshifter, flat clamp,paper clamp,turning fork, turning flat clamp,multi function barrel clamp, fork sleeve, load hawk, cab, widen fork holder, super longer forks)
3. with (*) mean of the weight is subject to change with the change of battery capacity and mast size.order.Specification are subject to change without notice, for further information ,please contact us.
4. Can be with AC control system (AC traction motor and AC pump).Compared with DC system, the AC system can reduce at least 20% of the cost for exchanging carton brush and contactors.
5. The specification in the table are for standard models only, All specifications indicated are subject to a variation of ± 15%, and may be further affected by operation conditions, optional fitments and accessories. Critical specification should be confirmed before placement of order. Specification are subject to change without notice, for further information ,please contact us.

