

■ Mast Specifications of 0.5T/0.75T/1.0T/1.5T Three Wheel Electric Forklift

2-Stage High-Visibility Mast

Mast model	Lifting Height	Lifting Capacity				Overall Height of Mast				Free lift		Mast Tilt Angle	
		0.5t	0.75t	1.0t	1.5t	0.5-1.0t		1.5t		0.5-1.0t	1.5t	0.5-1.0T	1.5t
		3-Fulcrum				Lowered	Extended With Backrest	Lowered	Extended With Backrest	3-Fulcrum		3-Fulcrum	
		Lifting Capacity at 500mm Load center								Without Backrest	With Backrest	(a/β)	(a/β)
Mm	Kg	Kg	Kg	Kg	Mm	Mm	Mm	Mm	Mm	Mm	°	°	
2M290	2900	500	750	1000	1500	1955	3635	2050	3720	110	145	2/5	2/5
2M300	3000	500	750	1000	1500	2005	3675	2180	3780	110	145	2/5	2/5
2M320	3200	500	750	1000	1450	2080	3680	2200	3800	110	145	2/5	2/5
2M330	3300	480	720	980	1420	2150	3915	2210	4220	110	145	2/5	2/5
2M360	3600	460	700	950	1400	2305	3975	2300	4520	110	145	2/5	2/5
2M400	4000	439	670	900	1200	2505	4175	2500	4920	110	145	2/5	2/5

2-Stage Wide-View Full Free Mast

Mast model	Lifting Height	Lifting Capacity				Overall Height of Mast				Free lift		Mast Tilt Angle	
		0.5t	0.75t	1.0t	1.5t	0.5-1.0t		1.5t		0.5-1.0t	1.5t	0.5-1.0T	1.5t
		3-Fulcrum				Lowered	Extended With Backrest	Lowered	Extended With Backrest	3-Fulcrum		3-Fulcrum	
		Lifting Capacity at 500mm Load center								Without Backrest	With Backrest	(a/β)	(a/β)
Mm	Kg	Kg	Kg	Kg	Mm	Mm	Mm	Mm	Mm	Mm	°	°	
2FFM290	2900	500	750	1000	1500	1955	3635	2050	3720	1450	1450	2/5	2/5
2FFM300	3000	500	750	1000	1500	2005	3675	2180	3780	1500	1500	2/5	2/5
2FFM320	3200	500	750	1000	1450	2080	3680	2200	3800	1600	1600	2/5	2/5
2FFM330	3300	480	720	980	1420	2150	3915	2210	4220	1650	1650	2/5	2/5
2FFM360	3600	460	700	950	1400	2305	3975	2300	4520	1800	1800	2/5	2/5
2FFM400	4000	439	670	900	1200	2505	4175	2500	4920	2000	2000	2/5	2/5

3-Stage Wide-View Full Free Mast

Mast model	Lifting Height	Lifting Capacity		Overall Height of Mast		Free lift		Mast Tilt Angle	
		1.5t		1.5t		1.5t		1.5T	
		3-Fulcrum		Lowered	Extended With Backrest	3-Fulcrum		3-Fulcrum	
		Lifting Capacity at 500mm Load center				Without Backrest	With Backrest	(a/β)	(a/β)
Mm	Kg	Mm	Mm	Mm	Mm	°	°		
3FFM435	4350	1320	1980	5270	1420	2/5			
3FFM450	4500	1280	2010	5430	1450	2/5			
3FFM480	4800	1200	2130	5720	1570	2/5			
3FFM500	5000	1160	2210	6120	1620	2/5			
3FFM540	5400	1040	2380	6420	1820	2/5			

Note: 1. All those data is the standard work data, and can be changed due to the work influence.
2. With side-shift, load capacity subtract 140kg/308Lbs.

Standard Equipments

- Wide view mast
- Suplastic tires
- High capacity storage battery
- Hour meter, self-diagnose indicator
- Class II(III) carriage
- Load backrest
- Standard fork
- Full hydraulic power steering (1.0/1.5T)
- Overhead guard
- Standard seat
- Drawbar pin
- Lift and tilt levers
- Retaining rollers
- 2-spool control valve with pressure relief valve
- Power steering
- Dipstick for convertor oil
- Dipstick for hydraulic oil
- Lift circuit cut-off valve
- Rubber floor mat
- Operator tool kits
- Rear view mirrors
- Halogen head lights
- Electric horn
- Lamp guard
- Back-up alarm beep

Optional Equipment and Accessories

- Colored cushion tyre
- 3-4 spools control valve
- Suspension seat
- Fire extinguisher
- Tilt cylinder boots
- Steering cylinder boots
- Rear working big lamp
- Auxiliary hydraulic valve modules
- Standard mast with other lifting height
- Full free stage mast
- Full free three stage mast
- Additional hydraulic circuit(s)
- Nonstandard forks in circuit(s)
- Goods backrest
- Warning lights, lighting lamps and working lamps
- Sideshifter
- Battery charger
- With following attachments: Flat clamp, paper coil clamp, rotational forks, universal flat clamp, boom, hoist arm, hoist hook, fork extension, etc.
- Back up lamps
- Rear lamps
- Front lamps
- Tilt adjustable steering post
- Turn signal rights

Specifications and design are subject to change without prior notice. Machines shown may include optional equipment.



CPD-F Series

Three-wheel Electric Forklift

ISO9001
CE



- Rated capacity: 0.5T/0.75T/1.0T/1.5T
- Durable, Clean hydraulics
- Simple, Comprehensive Panel
- Optimised, Powerful battery

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0.5T/0.75T/1.0T/1.5T Three Wheel Mini Electric Forklift

- The ultimate in DC control is the CURTIS high frequency MOSFET microprocessor, coupled with separately excited motors (SEM) to give the truck smooth can be imposed and more than 30 performance characteristics can be adjusted.
- An excellent system for smaller trucks with a medium workload.
- Tight small and flexible structure, Compact dimensions combined with super maneuverability.
- Driving with seat is comfortable and convenient.
- High stability, both when stationary and cornering, due to long wheelbase, low centre of gravity and wide tyres.
- Safe braking is reasonable and reliable.
- Economy of operation, resulting from minimized maintenance costs.
- Wide vision mast design optimizes the structure of mast and widens the scope of the operator's vision.
- It is suitable for small tonnage and small occasion, No pollution and no noise

Features: Wonderful Flexibility, Comfort and Efficiently

- Compact design of the body and stable inductive steering system makes sure the forklifts have very little turning radius.
- Meticulously designed drive room, conforms to ergonomics, the drive place is determined with great care, the dashboard is clear and convenient to see. All these parts make up the most comfortable driving room with the best efficiency.
- All specifications of Controller, motor and hydraulic system can be changed by adjusting the compact processing unit, making sure the trucks perform the supreme operation.



Electronic Control System

The state-of-the-art controller can be easily accessed at waist height, helping to reduce servicing time, smooth starting, accelerating and flexible change of running direction, elevating the working efficiency of the truck. The functions of self-diagnose for breakdown and show them, shortening the inspection time and simplifying the maintenance and repair process.



Battery

Narrow-shaped design, decrease the room, The battery cover for daily checkup, access of battery cover is improved by using gas-spring with lock function. Quick and easy battery change due to tilt-open cab module.



Drive Units

SEM drive motor provides more advanced control feature, this rear drive unit can provide larger torque and power when overloading. Finely engineering helical gears, assures low noise, high quality and a longer service life. The CURTIS controller control the traveling, lifting, tilting and steering action.



Microprocessing and Ergonomics Technology

The Driver Cab conforming with ergonomics principles, being easy to operate the truck, A strong grab handle is provided, with a large low step for easy access. A clear footwell with well-placed pedals gives plenty of room for large feet and helps the driver work safely. The simple, concise instrument panel is less distracting yet still offers a comprehensive warning system.

■ CPD-F Series 0.5T/0.75T/1.0T/1.5T Three Wheel Electric Forklift Specifications

			SINOLIFT			
Manufacturer			CPD-0.5F	CPD-0.75F	CPD-1.0F	CPD-1.5F
General	Model					
	Capacity	Q kg	500	750	1000	1500
	Load center	C mm	450	450	450	500
	Power type		Battery	Battery	Battery	Battery
	Wheel (front/rear)		Super elastic	Super elastic	Super elastic	Super elastic
	Dimension of front wheel		φ267x127x165.1	φ267x127x165.1	φ267x127x165.1	φ330x127x165.1
	Dimension of drive wheel		φ267x127x165.1	φ267x127x165.1	φ267x127x165.1	φ330x127x165.1
	Lifting height	h3 mm	3200	3200	3200	3000
	Free lifting height	h2 * mm	1600	1600	1600	1500
	Fork length	L mm	800 (1000)	800 (1000)	800 (1000)	1000 (1150)
Dimensions	Fork sideswith	S * mm	100	100	100	100
	Type of lifting		Electric Hydraulic	Electric Hydraulic	Electric Hydraulic	Electric Hydraulic
	Speed of lifting	mm/sec	>200	>200	>200	>230
	Speed of lowering	m/min	adjustable	adjustable	adjustable	adjustable
	Title of mast (forward/backward)	α/β °	< 2° /5°	2° /5°	2° /5°	2° /5°
	Height of mast lowered	h1 mm	2080	2080	2080	2180
	Height of mast extended	h4 mm	3680	3680	3680	3780
	Height of overhead guard	h5 mm	1900	1900	1900	1980
	Height of seat from ground	h6 mm	850	850	850	900
	Length of the fork face (without forks)	L2 mm	1260	1290	1350	1738
Performance	Overall width	B mm	800	800	800	1018
	Turning Radius	Wa mm	1150	1150	1240	1500
	Thread (Front wheel)	mm	860	860	880	915
	Thread (Rear wheel)	mm	940	940	1030	1180
	Wheelbase	Y mm	660	660	660	1188
	Ground clearance	mm	90	90	90	90
	Driving brake		Mechincal Drum	Mechincal Drum	Mechincal Drum	Mechincal Drum
	Parking brake		Hand Brake	Hand Brake	Hand Brake	Hand Brake
	Steering system		Mechncal	Mechncal	Mechncal	Hydraulic
	Type of drive		Electric Motor	Electric Motor	Electric Motor	Electric Motor
Chassis	Drive speed(load/unload)	km/h	6.5/7.8	6.3/7.3	6.0/7.0	6.5/7.5
	Speed control		MOFSET	MOFSET	MOFSET	MOFSET
	Gradeability	%	8	8	8	8
	Battery		D-210AH/24V	D-280AH/24V	D-385AH/24V	D-300AH/48V
Power unit	Weight of battery	kg	240	320	390	420
	Weight of truck (including battery)	kg	1250	1380	1550	2650
	Driving Motor	kw	2	2	2	3
lifting motor	kw	3	3	3	5	

1. Special lifting height available.
2. Attachment available.
3. The specification in the table are for standard models only, for further information ,please contact us.

1T LOAD CHART (Max. Load Capacity)

