

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	(α/β)	(α/β)
IN	LB	LB	LB	LB	IN	IN	IN	IN	IN	IN	°	°	
2M290	98	1100	1650	2200	3300	77	143	80.7	146.5	4.3	5.7	2/5	2/5
2M300		1100	1650	2200	3300	79	144.7	85.8	148.8	4.3	5.7	2/5	2/5
2M320		1100	1650	2200	3190	82	144.9	86.6	149.6	4.3	5.7	2/5	2/5
2M330		1050	1585	2150	3125	84.6	154	87	166	4.3	5.7	2/5	2/5
2M360		1010	1540	2090	3080	90.7	156.5	90.5	178	4.3	5.7	2/5	2/5
2M400		970	1475	1980	2640	98.6	164.4	98.4	193	4.3	5.7	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	(α/β)	(α/β)
IN	LB	LB	LB	LB	IN	IN	IN	IN	IN	IN			
2FFM290	114.2	1100	1650	2200	3300	77	143	80.7	146.5	57	57	2/5	2/5
2FFM300	118	1100	1650	2200	3300	79	144.7	85.8	148.8	59	59	2/5	2/5
2FFM320	126	1100	1650	2200	3190	82	144.9	86.6	149.6	63	63	2/5	2/5
2FFM330	130	1055	1585	2155	3125	84.6	154	87	166	65	65	2/5	2/5
2FFM360	141.7	1010	1540	2090	3080	90.7	156.5	90.5	178	70.9	70.9	2/5	2/5
2FFM400	157	966	1475	1980	2640	98.6	164.4	98.4	193	78.7	78.7	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 500mm Load center	Lowered	Extended		3-Fulcrum Without Backrest	3-Fulcrum (α/β)
				With Backrest	Without Backrest		
IN	LB	IN	IN	IN	°		
3FFM435	171	2900	78	207.5	56	2/5	
3FFM450	177	2815	79	214	57	2/5	
3FFM480	189	2640	84	225.2	61.8	2/5	
3FFM500	197	2550	87	241	63.8	2/5	
3FFM540	212	2290	94	252.8	71.7	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.



SINOLIFT MATERIAL HANDLING EQUIPMENT CORP.

ADD: 618 Xile Road, Nanhui, Shanghai, China 201300  
 TEL: +86 21 68014500 / +86 21 58003681  
 FAX: +86 21 68014262 / +86 21 68038190  
 EMAIL: [info@sinolift.com](mailto:info@sinolift.com)  
 WEB: [www.sinolift.com](http://www.sinolift.com)





## 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

Manufacturer			SINOLIFT			
Model			CPD-0.5F	CPD-0.75F	CPD-1.0F	CPD-1.5F
Capacity	Q	LB	1100	1650	2200	3300
Load center	C	IN	24"	24"	24"	24"
Power type			Battery	Battery	Battery	Battery
Wheel (front/rear)			Super elastic	Super elastic	Super elastic	Super elastic
Dimension of front wheel		IN	10.5 x 5 x 6.5	10.5 x 5 x 6.5	10.5 x 5 x 6.5	10.5 x 5 x 6.5
Dimension of drive wheel		IN	10.5 x 5 x 6.5	10.5 x 5 x 6.5	10.5 x 5 x 6.5	10.5 x 5 x 6.5
Lifting height	h3	IN	126	126	126	126
Free lifting height	h2 *	IN	63	63	63	63
Fork length	L	IN	40	40	40	40
Fork sideswith	S *	IN	4	4	4	4
Type of lifting			Electric Hydraulic	Electric Hydraulic	Electric Hydraulic	Electric Hydraulic
Speed of lifting		IN/S	7.9	7.9	7.9	9
Speed of lowering			adjustable	adjustable	adjustable	adjustable
Title of mast (forward/backward)	a/β	<	2° /5°	2° /5°	2° /5°	2° /5°
Height of mast lowered	h1	IN	82	82	82	82
Height of mast extended	h4	IN	145	145	145	149
Height of overhead guard	h5	IN	75	75	75	78
Height of seat from ground	h6	IN	33.5	33.5	33.5	35
Length of the fork face (without forks)	L2	IN	49.5	51	53	68
Overall width	B	IN	31.5	31.5	31.5	40
Turning Radius	Wa	IN	45.3	45.3	49	59
Thread (Front wheel)		IN	34	34	34.6	36
Thread (Rear wheel)		IN	37	37	40.5	46.5
Wheelbase	Y	IN	26	26	26	46.8
Ground clearance		IN	3.5	3.5	3.5	3.5
Driving brake			Mechincal Drum	Mechincal Drum	Mechincal Drum	Mechincal Drum
Parking brake			Hand Brake	Hand Brake	Hand Brake	Hand Brake
Steering system			Mechanical	Mechanical	Mechanical	Hydraulic
Type of drive			Electric Motor	Electric Motor	Electric Motor	Electric Motor
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
Weight of battery		LB	528	704	858	924
Weight of truck (including battery)		LB	2750	3036	3410	5830
Driving Motor		HP	2.7	2.7	2.7	4
lifting motor		HP	4	4	4	6.7

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)

