Multifunctional LCD Display

An upgraded multi-functional display screen shows vital information like speed, steering tilt angle, battery life and fault codes etc. for easy diagnostics and decision making.

CURTIS Controller

Reliable operation curtis AC controllers provide an unbeatable combination of power, performance and functionality. They are very reliable and well proven.

Good Price-performance Ratio

The CPD30M/CPD35M are equipped with just the right solid technology as is necessary for heavy handling, ergonomic and safe use. SINOLIFT has done without expensive and unnecessary gadgets for most applications and has created a vehicle with an excellent price-performance ratio.

Diagnostics Improve Reliability

The CPD30M/CPD35M lift trucks integrate many easy-to-maintain features in the truck design. The on-board intelligent system is capable of running self-diagnosis at key-on and any malfunctions are rapidly identified, located and rectified within minutes. Vital components such as the controller, batteries and motors can be quickly accessed with simple tools, thereby effectively reducing servicing and maintenance time.

LI-ION technology

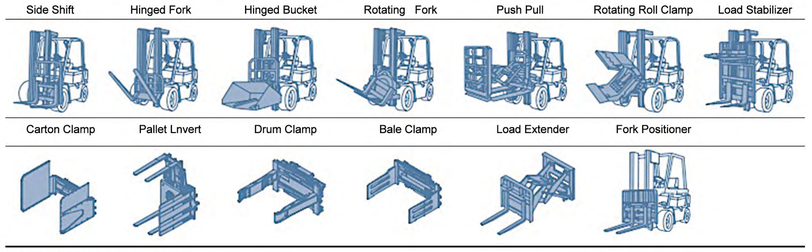
Now available with Li-ION technology

With completely maintenance- and emission-free Li-ION batteries, there are no limits. These batteries offer lower energy consumption, higher utilization and flexible charging, any time and anywhere-meaning there's no need for time-consuming battery changeovers or dedicated charging areas. Just connect the truck to the charger and top up the battery when you get an opportunity, then disconnect it when it's time to get back to work.

Main Advantages:

- **Compact body** — energy density more than 120W h/kg
- **Operating temperature** — Charge 0~45℃ Discharge:-20~60℃
- **Long service life** — >2500 times (80% remaining capacity), the service life more than 5 years or 10000 hours
- **5 years guarantee**
- **High charge efficiency** — >97%
- **Impact of environment** — zero pollution
- **Fast charging** — 2-4 hours quick charge, no memory effect.
- **Control system** — With BMS management system,it can monitor the current,voltage, temperature,SOC and other conditions of each batterypack. With self-protection.
- **High safety and reliability**
- **Maintenance free**

Various Attachments



Easy Operating and Maintenance

The key controllers are all sealed in the counterweight, dust and water free. Self- cooling traveling motor with IP20 protection has good reliability. Protection grade of the whole forklift is IPX3.

Stability

The traction motors are arranged in parallel, the batteries are fixed at the bottom of the truck frame, and the shaft distance and real-wheel distance have been lengthened, aiming to enhance the swing point of steering axle and shorten front overhang distance for excellent stability..

- Appearance design methods of new concepts, stream-lined surface modeling, flexible and smooth lines, elegant and decent.
- Compact truck shape, simplified appearance, vigorous and powerful.
- Optimum energy efficiency

Motor controllers, connectors, power plug, emergency switch, dashboard, accelerator are all applied world famous brands, ensure the reliability of good performance and provide easy service. Emergency switch is standard specification which meets the Euro safety regulation. There is overloading protection for electronics and hydraulic system. The whole truck meets CE certificate.

Designed based on ergonomics, the longer wheelbase provides larger space for legs. The diameter of steering wheel has been decreased to 300mm. Seats can be adjusted forward and backward for operators to choose the best driving position. Humanized design. Storing space, USB interface and others have been added.

Standard Equipment

- High quality integrated drive
- High efficient AC driving motor
- Special for truck's lifting motor
- Multi-functions dashboard
- CAN bus controller
- Full electronic controlled travelling, lifting and steering
- Full hydraulic steering
- Front lighting system, turning indicator, LED combined three colors's rear lights
- Big dimension rubber pad
- Sheet metal stamping made front and rear bottom plate
- Sheet metal stamping made left and right cover and battery cover
- Reversing beeper
- Storage box
- Water cup holder
- Large panoramic mirror
- Soft landing system
- Standard forks
- 3m duplex wide view mast
- Tow coupling
- Suspension seat with higher OHG
- The cover below control panel are fully closed
- Dashboard is relocated to overhead, no restriction of the operator's visibility

Options

- Side way battery change
- Big capacity Chinese made battery such as 80V/600AH
- Li-on Battery such as 83.2/270 (Max. 525)
- Cold store application
- High performance import battery
- Battery charger
- Rear lighting system
- Front dual tyre
- SE tyre
- Non-marking tyre
- Left and right rear view mirror
- Reversing hand grip with horn button
- Wide fork carriage
- Wide or higher load backrest
- Other dimension forks
- Different duplex wide view mast
- Duplex mast with full free lift
- Triplex mast with full free lift
- Integrated side shift
- Other attachments
- Customized forks
- Customized fork extensions
- Customized Stall shelves
- OPS
- Blue spot light
- Smed driving cabin
- Different color
- Other specification on demand

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

CPD30M CPD35M

FOUR WHEEL ELECTRIC FORKLIFT
ISO9001
CE

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High Handling Efficiency,Dependable Performance, Amazing Adaptability

The CPD30M and CPD35M are characterized by their compact and robust design, excellent maneuverability and intelligent control systems. This makes them ideal for dynamic handling tasks in demanding, confined environments.

FEATURES

1 OPTIMISED MAST VISIBILITY »

The inner mast clearance (between the hoist chains) provides ample visibility to enhance operator efficiency.

2 CARRIAGE LIGHT »

Directs a light onto the load and racking to iluminate the workspace while working at heights.

3 REGENERATIVE BRAKING »

AC controlled motor sends power back to the battery during braking, increasing uptime.

4 OPERATOR COMFORT »

A refined operator's compartment provides ease of access and driver comfort.

5 AUTOMATIC SPEED CONTROL »

Productivity enhancement through an automatic speed reduction based on load and steer tyre angle.

6 SYNCHRONOUS AND POWER ASSIST STEERING »

Alignment between the rotation of the steering wheel and steer tyres, enabling the steering wheel to always return to the same position.

7 HORIZONTAL BATTERY EXTRACTION »

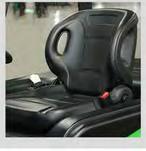
Optional horizontal extraction provides ease of access for battery removal/replacement to reduce downtime.

Adjustable steering wheel

To achieve a comfortable drive position, the angle of the steering column can easily be adjusted through a lever on the right-hand side of the steering column.

Optimized pedal position and anti slippad

The position of accelerator and brake pedal have been optimized through human engineering.



The safety seat

The safety seat with side supports protects the operator better. The seat also has an angle-adjustable reclining back to suit the operator's physique,thus helping reduce operator fatigue.

Longer battery runtimes per charge

The long (8.5 hour) battery runtime on a single charge has been achieved by using a highly-efficient AC drive motor that draws less current, and various types of regenerative braking: switch-back, accelerator-off and braking regeneration.

Manufacturer Brand			SINOLIFT							
Model			CPD30-MA1	CPD30-MA1S	CPD30-MA1Li	CPD30-MA1LiS	CPD35-MA1	CPD35-MA1S	CPD35-MA1Li	CPD35-MA1LiS
Power Type			Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Operation Type			Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated
Rated Capacity	Q	kg	3000	3000	3000	3000	3500	3500	3500	3500
Load Centre	c	mm	500	500	500	500	500	500	500	500
Front Overhang	L2	mm	480	480	480	480	485	485	485	485
Wheelbase	L1	mm	1685	1685	1685	1685	1685	1685	1685	1685
Mast Tilt Angle	α/β	°	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10
Mast Lowered Height	H1	mm	2080	2080	2080	2080	2080	2080	2080	2080
Free Lift Height	H3	mm	150	150	150	150	150	150	150	150
Standard Mast Lift Height	H	mm	3000	3000	3000	3000	3000	3000	3000	3000
Mast Extended Height	H2	mm	4251	4251	4251	4251	4251	4251	4251	4251
Overhead Guard Height	H4	mm	2125	2125	2125	2125	2125	2125	2125	2125
Distance from Botoom to Seat		mm	1070	1070	1070	1070	1070	1070	1070	1070
Traction Bolt Height		mm	303	303	303	303	303	303	303	303
Overall Length (include forks)	L	mm	3645	3645	3645	3645	3650	3650	3650	3650
Length to Face of Fork	L'	mm	2575	2575	2575	2575	2580	2580	2580	2580
Overall Width	W1	mm	1265	1265	1265	1265	1360	1360	1360	1360
Fork Size	TxWxL4	mm	40/125/1070	40/125/1070	40/125/1070	40/125/1070	45/125/1070	45/125/1070	45/125/1070	45/125/1070
Fork Type			ISO2328 3A	ISO2328 3A	ISO2328 3A	ISO2328 3A	ISO2328 3A	ISO2328 3A	ISO2328 3A	ISO2328 3A
Fork Carriage Outline Width		mm	1100	1100	1100	1100	1100	1100	1100	1100
Fork carriage Spread Width	W5	mm	250-1050	250-1050	250-1050	250-1050	250-1050	250-1050	250-1050	250-1050
Ground Clearance Under Mast Laden	H5	mm	115	115	115	115	115	115	115	115
Ground Clearance at Center of the Wheelbase	H6	mm	120	120	120	120	120	120	120	120
Min. Right Angle Stacking Aisle Width (Pallet 1000x1000)	Ast	mm	3855	3855	3855	3855	3855	3855	3855	3855
Min. Right Angle Stacking Aisle Width (Pallet 1200x1200)	Ast	mm	4055	4055	4055	4055	4055	4055	4055	4055
Turing Radius	r	mm	2230	2230	2230	2230	2230	2230	2230	2230
Service Weight		kg	4700	4760	4700	4760	5150	5220	5150	5220
Front Axle Rated Load Capacity with Laden		kg	6965	6990	6965	6990	7790	7810	7790	7810
Rear Axle Rated Load with Laden		kg	735	770	735	770	860	900	860	900
Rated Load Capacity with Unladen		kg	2220	2240	2220	2240	2245	2265	2245	2265
Rear Axle Rated Load with Unladen		kg	2480	2520	2480	2520	2905	2955	2905	2955
Tyre Type			Pneumatic	Pneumatic	Pneumatic	Pneumatic	Cushion	Cushion	Cushion	Cushion
Tyre Size (Front)			23×9-10-18PR	23×9-10-18PR	23×9-10-18PR	23×9-10-18PR	23x10-12	23x10-12	23x10-12	23x10-12
Tyre Size (Rear)			18x7-8-14PR	18x7-8-14PR	18x7-8-14PR	18x7-8-14PR	18x7-8	18x7-8	18x7-8	18x7-8
Wheel Number (x=Drive Wheel)			2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2
Front Tread		mm	1058	1058	1058	1058	1124	1124	1124	1124
Rear Thread		mm	955	955	955	955	955	955	955	955
Max. Travel Speed (Laden/Unladen)		km/h	13.5/14.5	13.5/14.5	13.5/14.5	13.5/14.5	13.5/14.5	13.5/14.5	13.5/14.5	13.5/14.5
Lifting Speed (Laden/Unladen)		mm/s	210/400	210/400	210/400	210/400	210/400	210/400	210/400	210/400
Lowering Speed (Laden/Unladen)		mm/s	350/350	350/350	350/350	350/350	350/350	350/350	350/350	350/350
Max. Gradeability (Laden/Unladen)		%	15/20	15/20	15/20	15/20	15/20	15/20	15/20	15/20
Service Brake Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Parking Brake Type			Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Drive Motor Rating S2 60min		kW	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
Lifting Motor Rating at S315%		kW	13/13.5	13/13.5	13/13.5	13/13.5	13/13.5	13/13.5	13/13.5	13/13.5
Battery Voltagl/Capacicty K5		V/Ah	80/500 (Max.600)	80/500 (Max.600)	83.2/270 (Max. 525)	83.2/270 (Max. 525)	80/500 (Max.600)	80/500 (Max.600)	83.2/405	83.2/405
Battery Weight		kg	1350 (1350-1550)	1350 (1350-1550)	280 (280-350)	280 (280-350)	1350 (1350-1550)	1350 (1350-1550)	280 (280-350)	280 (280-350)
Maximum Allowable Battery Size		mm	675x780x964	675x780x964	675x780x964	675x780x964	675x780x964	675x780x964	675x780x964	675x780x964
Controller Brand			CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS
Controller Model			1236SE +1234SE	1236SE +1234SE	1236SE +1234SE	1236SE +1234SE	1236SE +1234SE	1236SE +1234SE	1236SE +1234SE	1236SE +1234SE
Attachment Pressure		bar	140	140	140	140	140	140	140	140
Attachment Oil Volume		L/min	65	65	65	65	65	65	65	65
Hydraulic Oil Tank Volume		L	>=22	>=22	>=22	>=22	>=22	>=22	>=22	>=22
Sound Level at Driver's Ear According to EN 12 053		dB	72	72	72	72	72	72	72	72

Note: "CPD" means full electric Counter-balanced Electric Forklift, "30/35" means rated load capacity 2T / 2.5T, "M" is serial code, "A" is equipped with full AC system, "J" is equipped with semi-AC system, "1" is serial code, "Li" is equipped with lithium-ion battery, "S" means battery can be roll side out.

Mast size of 3-3.5T M Series Counterbalanced Electric Forklift

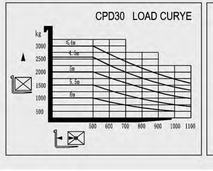
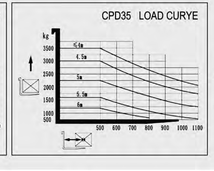
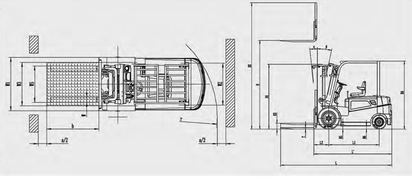
2-Stage High-Visibility Wide View Mast

Mast model	Lifting Height	Load Capacity		Overall Height			Free Lift		Mast Tilt Angle
		3.0t	3.5t	3-3.5t			3-3.5t		3-3.5t
		4-Fulcrum Forklift		Lowered	Extended		4-Fulcrum Forklift		4-Fulcrum Forklift
		Lifting Capacity at 500mm Load Center			With Backrest	Without Backrest	With Backrest	Without Backrest	
	H			H1	H2	H2	H3	H3	(α/β)
	Mm	Kg	Kg	Mm	Mm	Mm	Mm	Mm	
2M250	2500	3000	3500	1800	3538	2935	150	150	6/10
2M270	2700	3000	3500	1900	3738	3135	150	150	6/10
2M300	3000	3000	3500	2060	4208	3605	150	150	6/10
2M330	3300	3000	3500	2200	4338	3735	150	150	6/10
2M350	3500	3000	3500	2310	4708	4105	150	150	6/10
2M400	4000	3000	3300 *3500	2560	5208	4605	150	150	6/8
2M430	4300	2850 *3000	3200 *3500	2750	5338	4735	150	150	6/8
2M450	4500	2500 *3000	2900 *3100	2810	5708	5105	150	150	6/8
2M500	5000	2100 *2850	2400 *2750	3100	6038	5435	150	150	6/6
2M550	5500	1800 *2400	1900 *2400	3400	6538	5935	150	150	6/6
2M600	6000	1400 *2200	1500 *2300	3650	7038	6435	150	150	6/6

2-Stage Wide-View Full Free Mast

Mast model	Lifting Height	Load Capacity		Overall Height			Free Lift		Mast Tilt Angle
		3.0t	3.5t	3-3.5t			3-3.5t		3-3.5t
		4-Fulcrum Forklift		Lowered	Extended		4-Fulcrum Forklift		4-Fulcrum Forklift
		Lifting Capacity at 500mm Load Center			With Backrest	Without Backrest	With Backrest	Without Backrest	
	H			H1	H2	H2	H3	H3	(α/β)
	Mm	Kg	Kg	Mm	Mm	Mm	Mm	Mm	°
2FFM250	2500	3000	3500	1800	3538	2935	150	150	6/10
2FFM270	2700	3000	3500	1900	3738	3135	726	1288	6/10
2FFM300	3000	3000	3500	2060	4208	3605	826	1388	6/10
2FFM330	3300	3000	3500	2200	4338	3735	976	1538	6/10
2FFM350	3500	3000	3500	2310	4708	4105	1076	1638	6/10
2M400	4000	2700 *3000	3300 *3500	2560	5208	4605	1376	1938	6/8

2-Stage Wide-View Full Free Mast

Mast model	Lifting Height	Load Capacity		Overall Height			Free Lift		Mast Tilt Angle
		3.0t	3.5t	3-3.5t			3-3.5t		3-3.5t
		4-Fulcrum Forklift		Lowered	Extended		4-Fulcrum Forklift		4-Fulcrum Forklift
		Lifting Capacity at 500mm Load Center			With Backrest	Without Backrest	With Backrest	Without Backrest	
	H			H1	H2	H2	H3	H3	(α/β)
	Mm	Kg	Kg	Mm	Mm	Mm	Mm	Mm	°
3FFM400	4000	3000	3500	1936	5208	4605	728	1290	6/8
3FFM450	4500	"2500 *2700"	"2800 *3000"	2101	5708	5105	893	1455	6/8
3FFM500	5000	"2250 *2450"	"2500 *2750"	2266	6208	5605	1058	1620	3/6
3FFM550	5500	"1600 *2100"	"1700 *2300"	2431	6708	6105	1223	1785	3/6
3FFM600	6000	"1200 *1900"	"1300 *2100"	2651	7208	6605	1443	2005	3/6

Note: 1. (*) reprents the load capacity when with double front tyres 2. All those data is the standard work data,and can be changed due to the work influence.