### Mast size of 2-2.5T M Series Counterbalanced Electric Forklift

#### 2-Stage High-Visibility Wide View Mast

	Lifting Height	2.5Load Capacityt		Overall Height			Free lift		Mast Tilt Angle
Mast model		2.0t	2.5t		2-2.5t		2-2.5t		2-2.5t
		4-Fulcrum forklift Lifting Capacity at 500mm Load center		Lowered	Extended		4-Fulcrum Forklift		4-Fulcrum
					With Backrest	Without Backrest	With Backrest	Without Backrest	
	Н			H1	H2	H2	H3	H3	(α/β)
	Mm	Kg	Kg	Mm	Mm	Mm	Mm	Mm	0
2M250	2500	2000	2500	1800	3535	3139	140	140	6/12
2M270	2700	2000	2500	1900	3735	3339	140	140	6/12
2M300	3000	2000	2500	2050	4035	3639	140	140	6/12
2M330	3300	2000	2500	2200	4335	3939	140	140	6/12
2M350	3500	2000	2500	2300	4535	4089	140	140	6/12
2M400	4000	1920	2320	2600	5035	4239	140	140	6/12
2M430	4300	1820	2120	2750	5335	4339	140	140	6/6
2M450	4500	1720	2020	2850	5535	4639	140	140	6/6
2M500	5000	1240	1470	3100	6035	4789	140	140	6/6
2M550	5500	1070	1370	3400	6535	4889	140	140	6/6
2M600	6000	720	920	3650	7035	5139	140	140	6/6

#### 2-Stage Wide-View Full Free Mast

	Lifting Height	2.5Load Capacityt		Overall Height			Free lift		Mast Tilt Angle
Mast model		2.0t	2.5t		2-2.5t		2-2.5t		2-2.5t
		4-Fulcrum forklift Lifting Capacity at 500mm Load center		Lowered	Extended		4-Fulcrum Forklift		4-Fulcrum
					With Backrest	Without Backrest	With Backrest	Without Backrest	
	Н			H1	H2	H2	H3	H3	(α/β)
	Mm	Kg	Kg	Mm	Mm	Mm	Mm	Mm	0
2FFM250	2500	2000	2500	1800	3535	3139	626	1091	6/12
2FFM270	2700	2000	2500	1900	3735	3339	726	1191	6/12
2FFM300	3000	2000	2500	2050	4035	3639	826	1291	6/12
2FFM330	3300	2000	2500	2200	4335	3939	976	1441	6/12
2FFM350	3500	2000	2500	2300	4535	4089	1076	1541	6/12
2FFM400	4000	1920	2320	2600	5035	4239	1376	1841	6/12

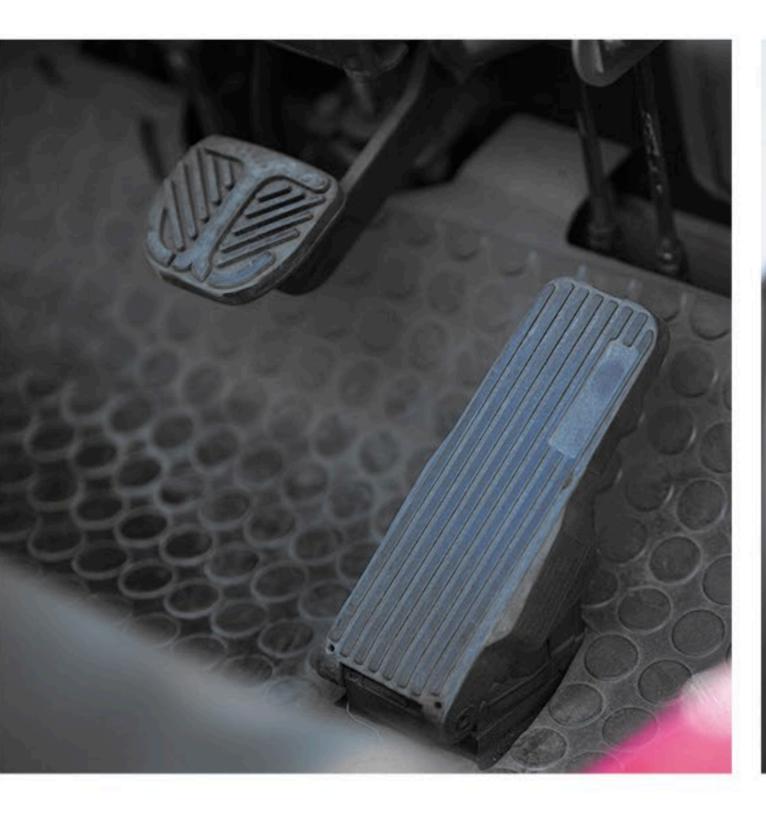
#### 3-Stage Wide-View Full Free Mast

	Lifting Height	2.5Load Capacityt		Overall Height			Free lift		Mast Tilt Angle
		2.0t	2.5t		2-2.5t		2-2.5t		2-2.5t
Mast model		4-Fulcrum forklift Lifting Capacity at 500mm Load center		Lowered	Extended		4-Fulcrum Forklift		4-Fulcrum
					With Backrest	Without Backrest	With Backrest	Without Backrest	
	Н			H1	H2	H2	H3	H3	(α/β)
	Mm	Kg	Kg	Mm	Mm	Mm	Mm	Mm	0
2FFM400	4000	1820	2220	1920	5025	4560	885	1350	6/12
2FFM430	4300	1720	2020	2020	5325	4860	985	1450	6/6
2FFM450	4500	1620	2020	2086	5525	5060	1053	1518	6/6
2FFM500	5000	1140	1370	2253	6025	5560	1219	1684	6/6
2FFM550	5500	970	1270	2453	6525	6060	1419	1884	6/6
2FFM600	6000	620	820	2620	7025	6560	1585	2050	6/6

#### Note: 1, All those data is the standard work data, and can be changed due to the work influence.









### Optional Attachments

o Wide view 2-stage full free masts o Wide view 3-stage full free masts

o Wide carriage

Long forks o Fork extension sleeves

o Side shift o Hinged forks, bucket

o Load grad o Paper roll clamp

o Carton clamp

 Rotating forks o Multiple drum clamp

o Sleeve-in drum gripper Load stabilizer (with side shift) o Load push pull

 Baked block clamp o Crane arm

# Curtis controller



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

# Now available with li-lon 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.

### 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
- Center located rear view mirror
- 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
- EPB: Electronic Parking Brake

## **Options**

- Side way battery change
- Big capacity Chinese made battery such as 48V/600AH and 48V/700AH
- Li-on Battery 48V/410Ah and 48V/500AH
- 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 fork carriage
- Customized Stall shelves
- OPS Blue spot light
- Smed driving cabine
- Different color
- Other specification on demand



CPD20M CPD25M FOUR WHEEL ELECTRIC FORKLIFT **ISO9001** 



# SHANGHAI SINOLIFT EQUIPMENT CO., LTD.

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Skype: sinolift

Whatsapp & Mobile: 0086 138 1757 2420



Sinolift – For material handling

# High handling efficiency, Dependable performance, Amazing adaptability

The CPD20M and CPD25M 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.

Wide View Mast •

The wide mast view maximizes the operator's forward fieldmof view, providing comfort and safety.

# Small Steering Wheel

The adjustable steering wheel position provides convenience for the operator as it provides 8 degrees of adjustment. Low steering effort makes it easy to operate in confined spaces.

# Integrated Motor, • Transmission and Axle

The compact structure of the drive system provides adequate access for maintenance. Precision cut gears are incorporated, leading to reduced wear and lower noise levels.



# High Strength Overhead Guard

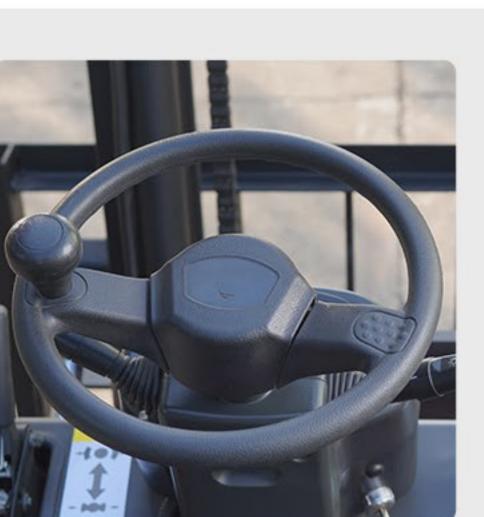
The overhead guard features profiled steel, with high strength materials to enhance reliability and operator protection.

# AC Controller

American designed AC controllers coupled with AC traction and hydraulic motors allow for precise truck operation. The controllers are easily accessible which can also minimise service time.

# Low Step Height

The conveniently positioned low step provides easy access to the truck.



# A large assist grip and wide step for easy access

The large assist grip, combined with a wide floor and step, leads to a roomy entrance to make it easy for an operator to get on and off.



## Easy get ON/OFF

A low step height and secure surface provide operator safe entry and exit.

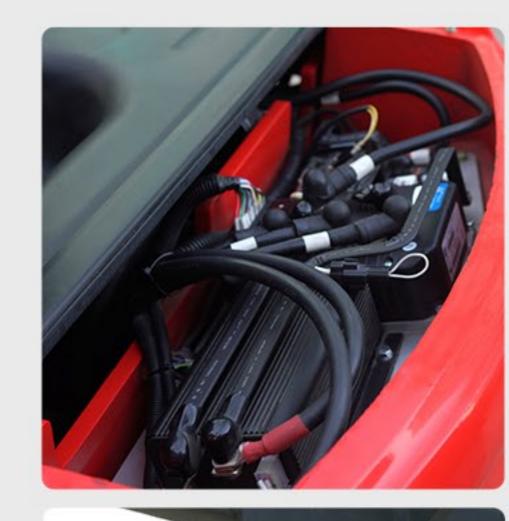


# Flat bar overhead guard with ample overhead clearance.

The overhead guard offers great protection combined with excellent all around visibility.

Overhead clearance is ample for operators wearing a helmet.

This enhances comfort operator work place.



### Easily accessible controller room

No need to open the hood to access the controller to change settings or connecting the diagnostics tool.



#### Panoramic rearview mirrors

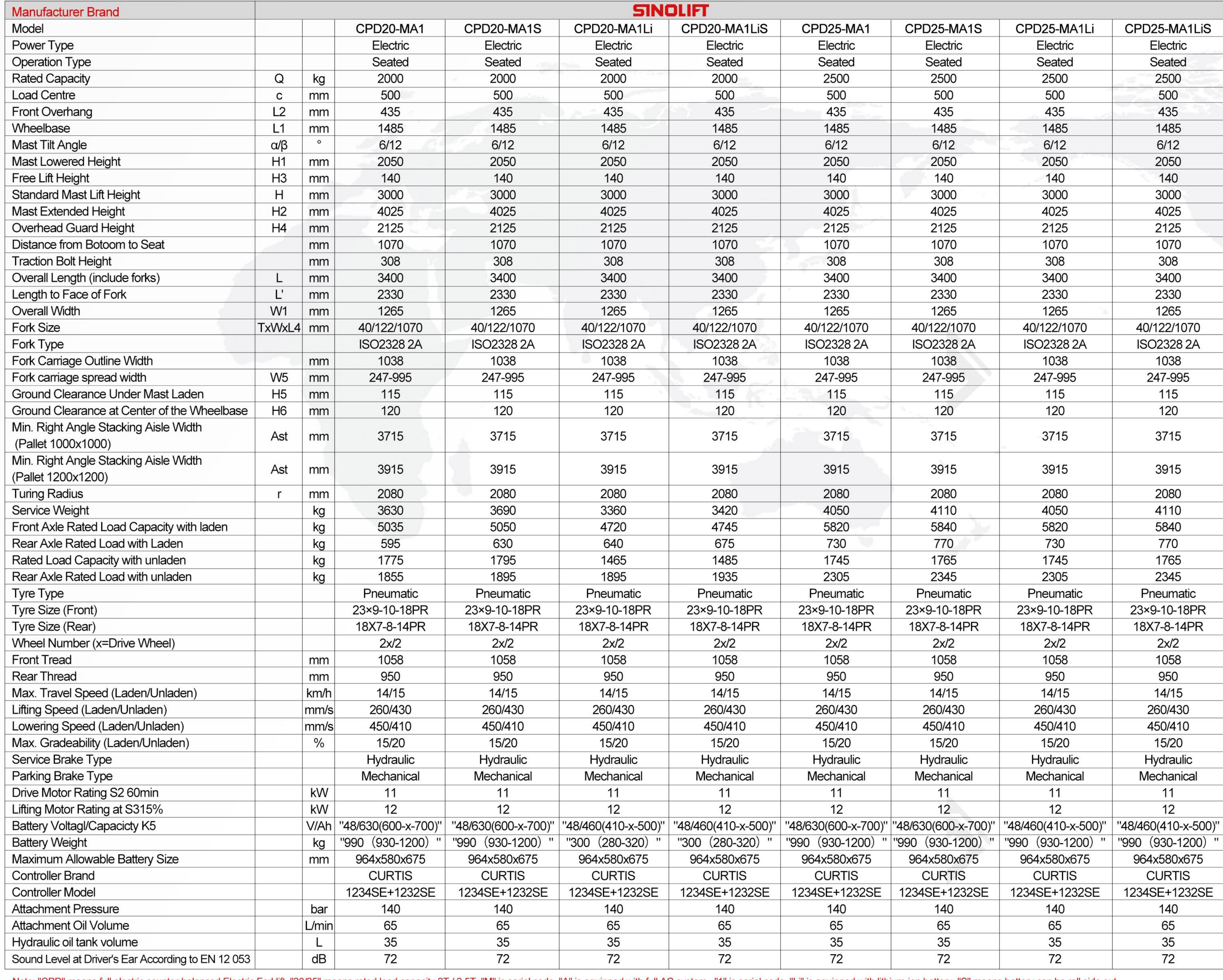
Large panoramic mirror Provides the operator with a clear view of the rear working area, improving safety & efficiency.



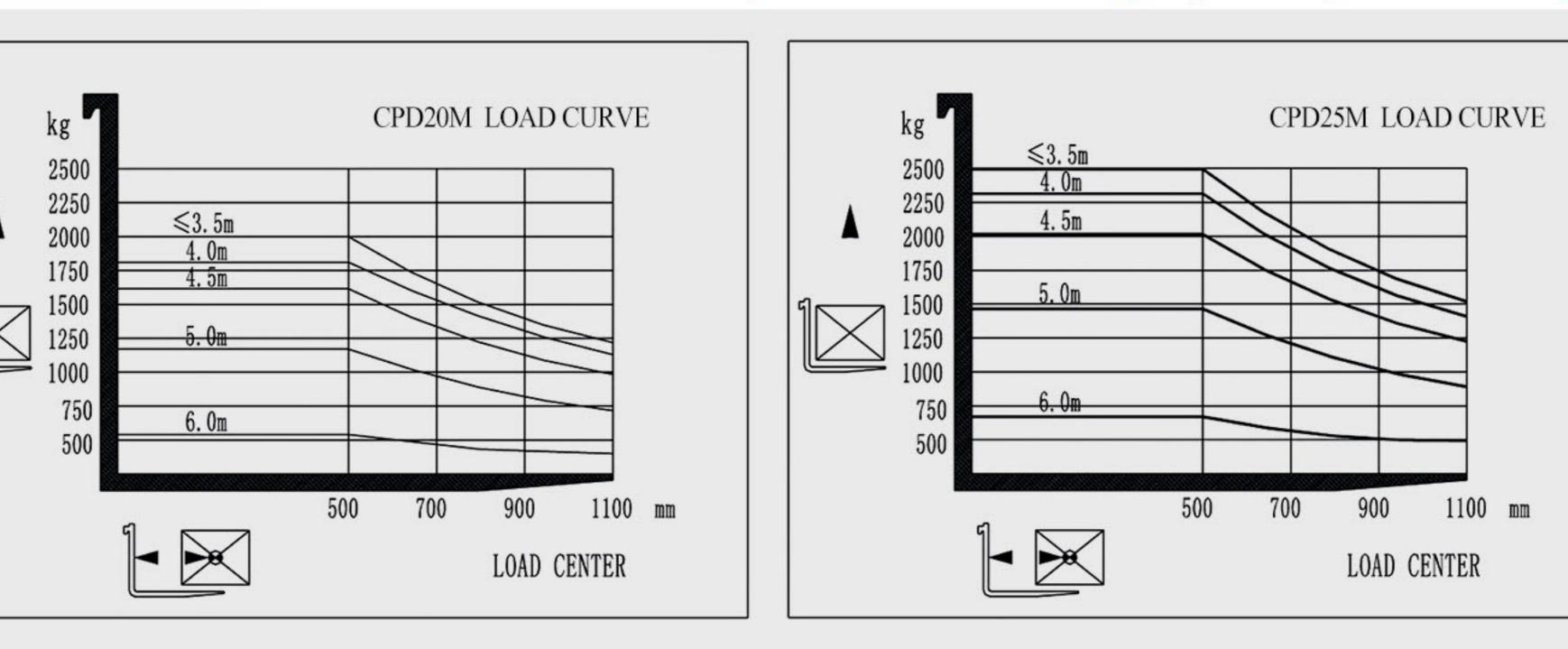
#### Batte

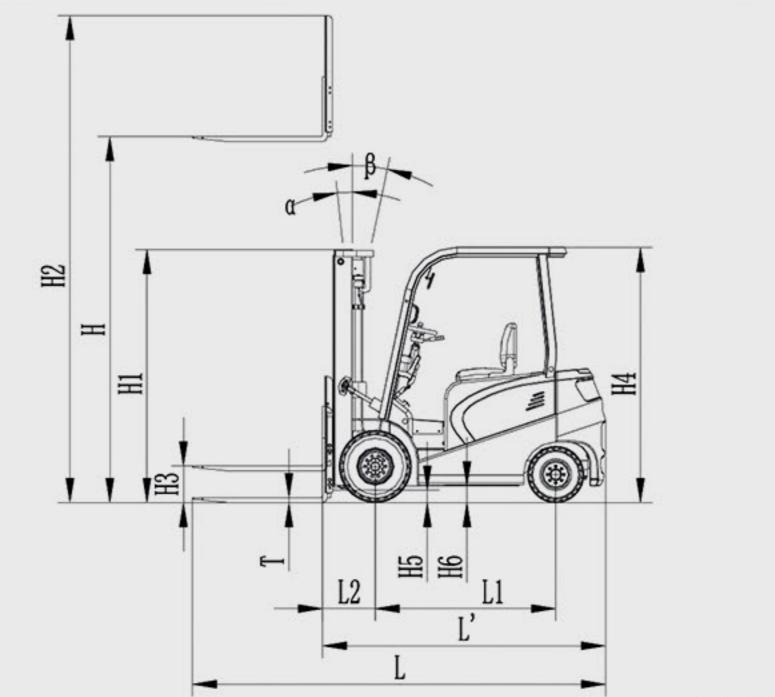
A choice of DIN batteries from 600Ah/630Ah - 700Ah/775Ah (wheelbase dependent) are available.

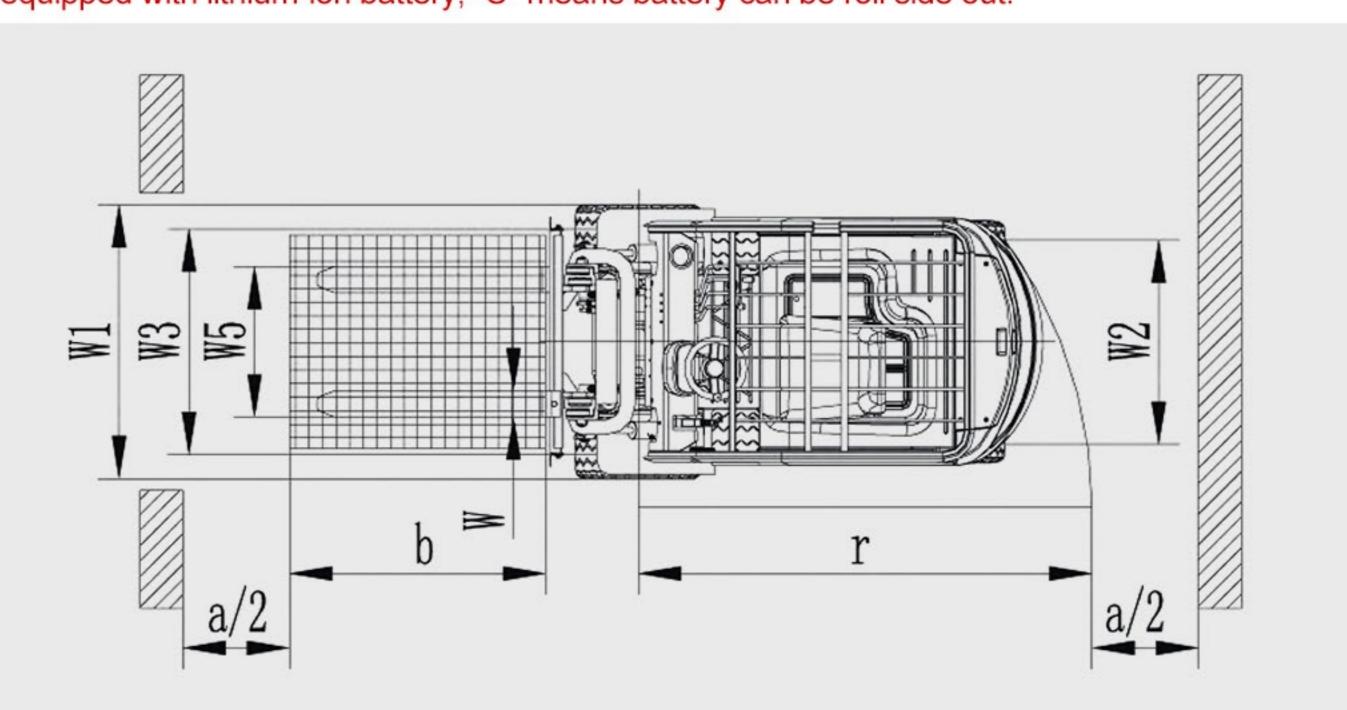
A battery discharge indicator (BDI) and lift interrupt are standard on all trucks.



#### Note: "CPD" means full electric counter-balanced Electric Forklift, "20/25" means rated load capacity 2T / 2.5T, "M" is serial code, "Li" is equipped with lithium-ion battery, "S" means battery can be roll side







# AST (Right-Angle Store Aisle)=R+L2+a+b a:Clearance b:Load Length

# 2.0t-2.5t

# Designed for productivity

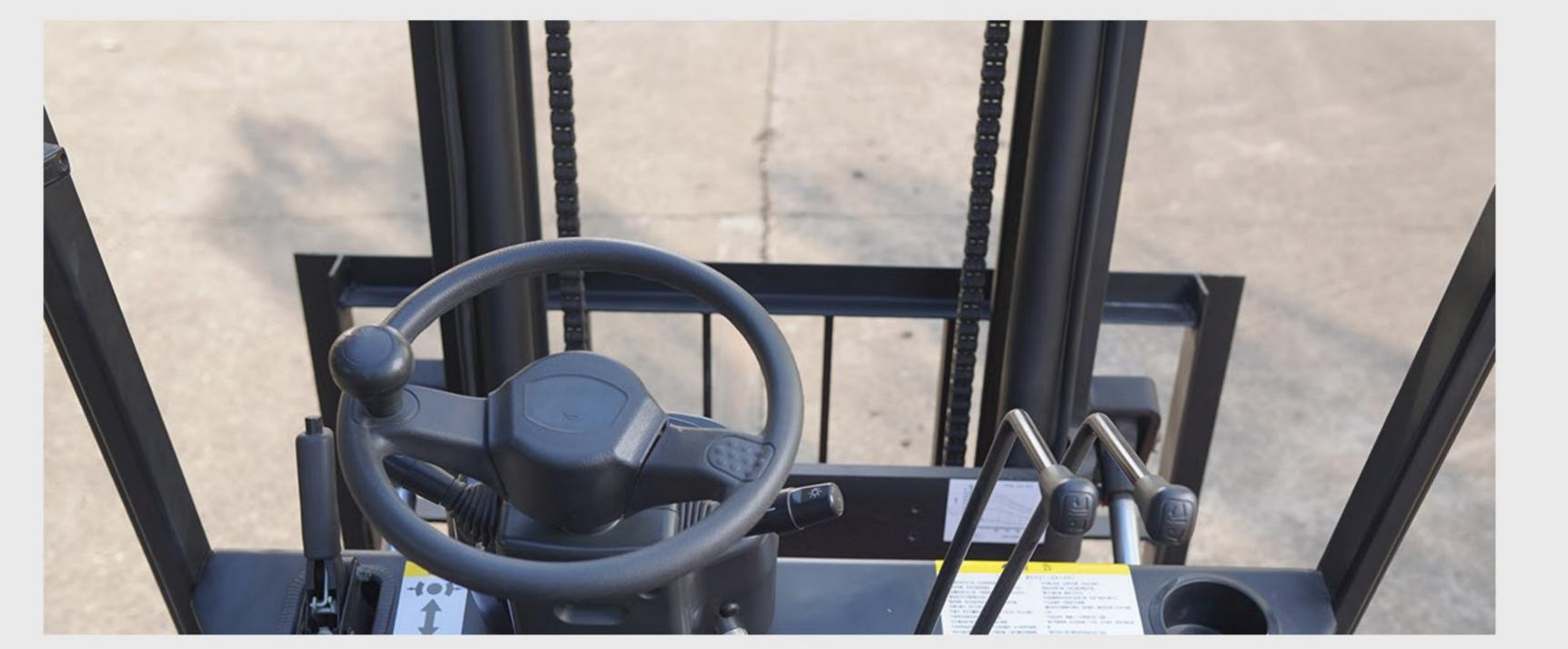


The LCD color monitor with 3.5 inch graphic smart display allows the operator to easily and efficiently control the machine. The monitor provides information about speed & accelerator level, steer angle & travel direction, battery discharge indicator, hour meter & working mode. The operator can select various performance modes to meet all working conditions.



The seat is ergonomically designed to fit the operatorso as to maintain the optimal driving posture. This minimises fatigue even after an extended period of operation. The seat belt and the "hip restraint bar" protect the operator in case of an accident. The seat is durable and water-resistant for greater comfort.

# Wide field of view gantry



Wide front vision mast extends visual ability while operating the mast. Better visibility brings greater safety and maximum productivity.