

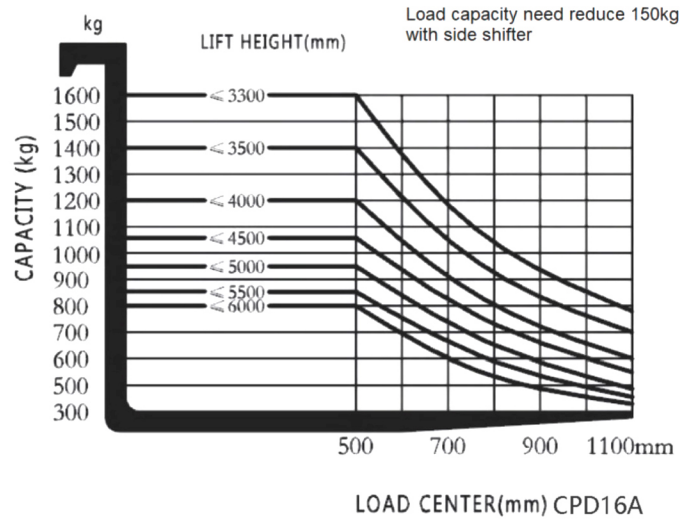


CPD Series

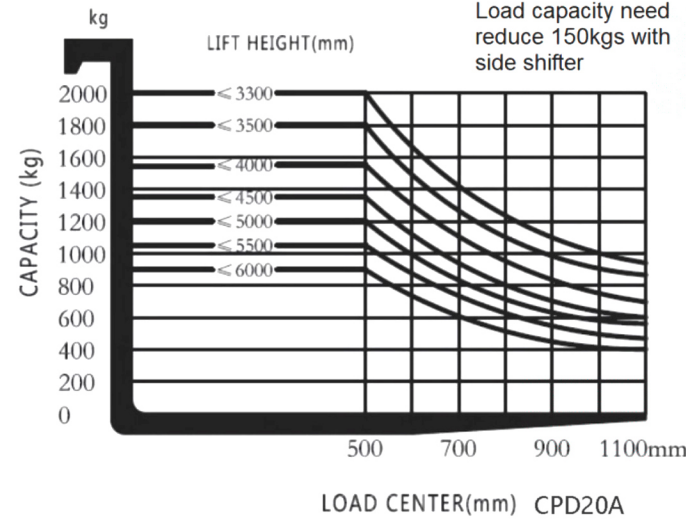
Details

- 1) With ergonomic design, the adjustable steering wheel and seat ensure the operator's optimal driving comfort.
- 2) Intelligent imported control technology ensures consistently high performance with low consumption.
- 3) Three-wheel structure, In situ rotation more flexible.
- 4) Two-motor front-wheel drive, Maintenance-free double AC motors Quicker response, Stronger power, Longer service life.
- 5) Wide-view mast design ensures easy operation, better observation, and enhanced work efficiency.
- 6) Equipped with solid rubber tires for enhanced road adaptability, ideal for both indoor and outdoor use.

CAPACITY CHART



CAPACITY CHART



1.6-2T

ELECRIC FORKLIFT TRUCK

CPD16A/20A



ANHUI VMAX HEAVY INDUSTRY CO.,LTD



CPD16A/CPD20A ELECRIK FORKLIFT TRUCK

The VMAX CPD series forklift is a mini counterbalance forklift.

The VMAX CPD series is a versatile three-point counterbalance forklift with an efficient AC dual-drive system. Boasting a compact design, it allows for tighter stacking in space-constrained environments, ensuring maximum space utilization. With its advanced imported control system, it ensures stability, safety, and real-time operator updates. Ideal for warehousing and indoor material ransportation tasks where space and operational efficiency are paramount.



▶ Three-wheel structure with rear-wheel steering provides an extremely small turning radius.

▶ Designed with a low mast and low overhead guard height, making it suitable for cold storage and service elevators.

▶ Features a human-computer interactive interface screen that is simple to understand.

▶ The AC motor is maintenance-free and has a long lifespan. It's equipped with speed and temperature sensors, ensuring high reliability.

▶ The vehicle boasts a low center of gravity, providing good stability, excellent cornering smoothness, and a comfortable driving experience.

▶ Equipped with an advanced imported brand controller, ensuring greater stability and safety.

Mast Specification

Duplex Mast									
1.1	Model	CPD	20-25	20-27	20-30	20-33	20-35	20-37	20-40
1.2	Lift height	h3(mm)	2500	2700	3000	3300	3500	3700	4000
1.3	Mast extended height	h4(mm)	3530	3730	4030	4330	4530	4730	5030
1.4	Mast retracted height	h1(kg)	1745	1845	1995	2145	2245	2345	2545
1.5	Free lift height	h2(mm)	110	110	110	110	110	110	110
Duplex Full Free Mast									
2.1	Model	CPD	20-25	20-27	20-30	20-33	20-35	20-37	20-40
2.2	Lift height	h3(mm)	2500	2700	3000	3300	3500	3700	4000
2.3	Mast extended height	h4(mm)	3585	3785	4085	4385	4585	4785	5085
2.4	Mast retracted height	h1(kg)	1745	1845	1995	2145	2245	2345	2545
2.5	Free lift height	h2(mm)	702	802	952	1102	1202	1302	1502
Triplex Full Free Mast									
3.1	Model	CPD	20-36	20-40	20-45	20-48	20-50	20-55	20-60
3.2	Lift height	h3(mm)	3600	4000	4500	4800	5000	5500	6000
1.3	Mast extended height	h4(mm)	4640	5040	5540	5840	6040	6540	7040
3.4	Mast retracted height	h1(kg)	1800	1933	2100	2200	2267	2433	2600
3.5	Free lift height	h2(mm)	760	893	1060	1160	1227	1393	1560

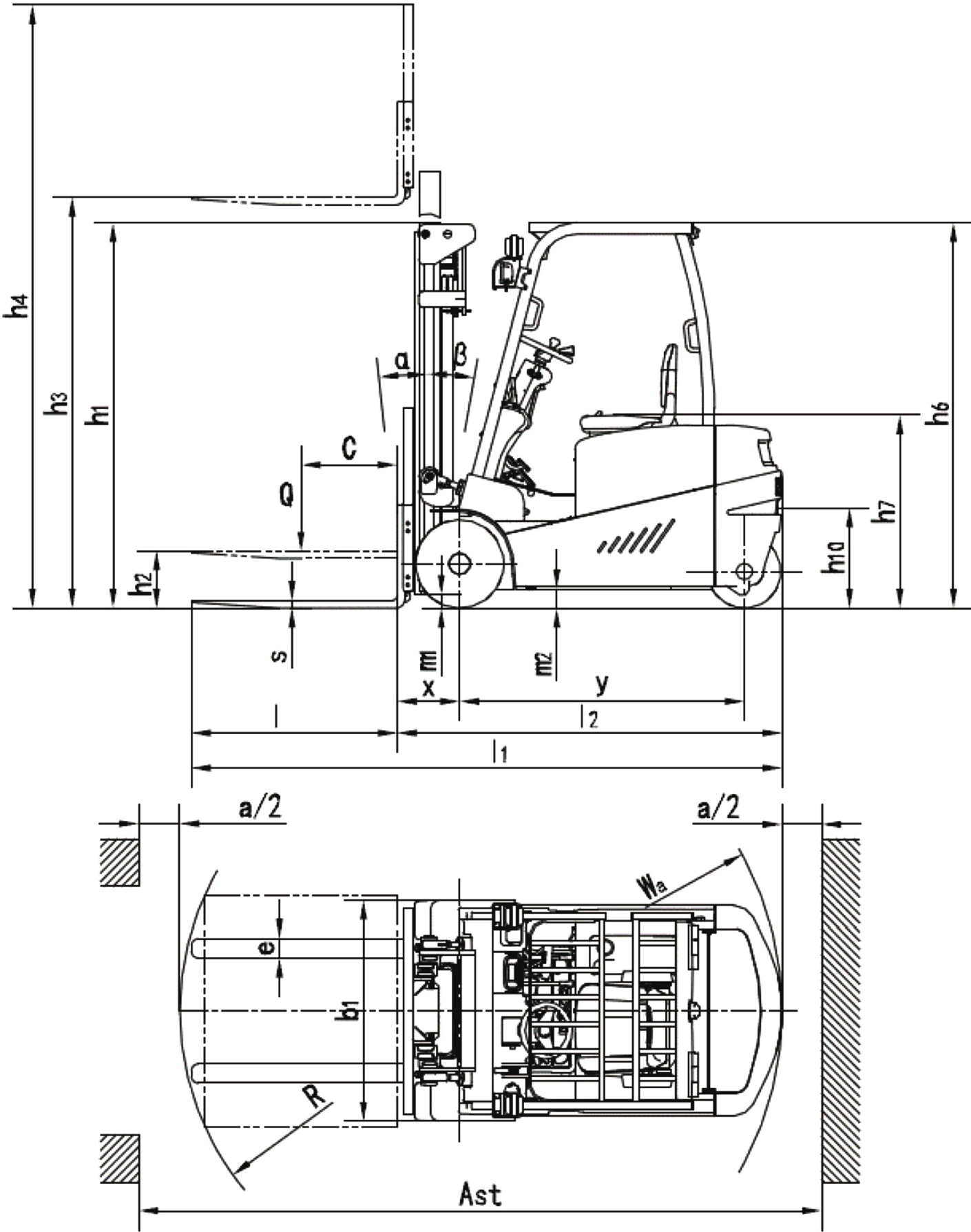
Remark [1]: All above mast specification is available and same for side shifter equipped
[2]: CPD16 mast specification is same with CPD20

Standard & Optional

Duplex mast	Duplex Full Free Mast /Triplex Full Free Mast
Fork	Li-ion Battery
Lead-acid battery	Closed cab
Driving motor AC	Blue light
Lifting motor AC	Curved mirror
Controller import	Side shif
Hydraulic Steering	High configuration seat suspended seat
Solid rubber Tire	Cold storage (-25°
Warning ligh	Adjustable distance fork
Emergency stop switch	Other color
Reversing buzzer	OPS
Turn speed limit	heater

Specification

Standard			
1.1	Model	CPD16A	CPD20A
1.2	Power type	Battery	Battery
1.3	Operation	Seated	Seated
1.4	Load capacity	Q(kg)	1600
1.5	Load center distance	C(mm)	500
1.6	Front overhang	x(mm)	345
1.7	Wheelbase	y(mm)	1480
Weight			
2.1	Service weight(incl.battery)	kg	3050
Type			
3.1	Tyre type, front/rear	Solid tire	Solid tire
3.2	Tyre size, rear	mm	15×4.5-8
3.3	Tyre size, frontl	mm	18×7-8
3.4	Wheels, number front/rear(X=driven)	2x/2	2x/2
3.5	Track width, front	b10(mm)	1080
3.6	Track width, rear	b11(mm)	180
Size			
4.1	Mast tilt angle, front/rear	α/β(°)	6/6
4.2	Mast retracted height	h1(mm)	1995
4.3	Free lift height	h2(mm)	145
4.4	Lifting height	h3(mm)	3000
4.5	Mast extended height	h4(mm)	4030
4.6	Overhead guard height	h6(mm)	2000
4.7	Seat height	h7(mm)	1055
4.8	Overall length	L1(mm)	3085
4.9	Body to fork surface length	L2(mm)	2015
4.10	Overall width	b1/b2(mm)	1250
4.11	Fork dimensions	l/e/s(mm)	1070/100/35
4.12	Installation level		2A
4.13	Fork carriage width	b3(mm)	1040
4.14	Fork outside spread	b5(mm)	222-1000
4.15	Ground clearance below mast	m1(mm)	90
4.16	Ground clearance, body	m2(mm)	100
4.17	Aisle width for pallet 1000*1200 C=500mm	Ast(mm)	3350
4.18	Turning radius	Wa(mm)	1660
Performance			
5.1	Travelling speed, laden/unladen	km/h	12/13
5.2	Lifting speed, laden/unladen	mm/s	260/340
5.3	Gradeability, laden/unladen(S2-5min)	%(tanθ)	12/14
5.4	Service brake		Hydraulic
Drive			
6.1	Driving motor, rating S2-60	kw	AC4.8×2
6.2	Lift motor, rating S3=15%	kw	AC8.6
6.3	Battery voltage/nominal capacity	V/Ah	48/400
6.4	Battery weight	kg	645
Optional			
7.1	Lithium battery configuration	V/Ah	48/300



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CPD Series

