

• Enclosed dashboard provides a simple and nice appearance



• Intelligent LCD instrument clearly displays the forklift's running performance



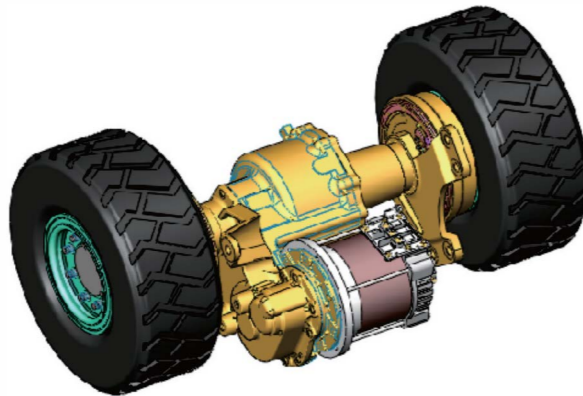
• Standard LED light impresses us with nice look,energy saving, high luminosity and longer lifespan



• Standard imported controller system makes sure stable performance and easy maintenance



• Model of CPD15-25S applies integrated structure with axle and gearbox,achieving high-efficiency transmission,lower noise,and 25% working hour increase after fully charging



• Model of CPD45-50S applies imported double-drive gearbox with compact structure, maintenance-free, wet brake system



**MATERIAL HANDLING EXPERTS  
FROM AUTOMOTIVE QUALITY**



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2018/01/10

**JAC**



S Series counterbalanced battery forklift

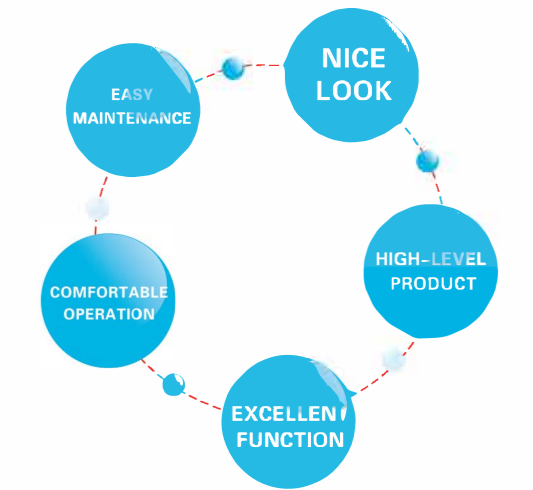
**JAC FORKLIFT**

CPD15S / CPD18S / CPD20S / CPD25S  
CPD45S / CPD50S



**JAC** HEAVY DUTY IMPORT & EXPORT CO.,LTD

**Selling points of S Series 1.5-5T electric counterweight balance forklifts**



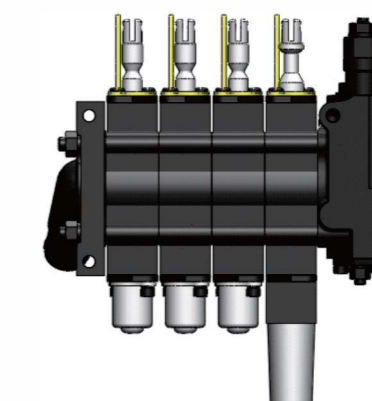
• Neutral safety system

The function of safety system can prevent accidents.



• Automotive special hand brake makes the easiler operation

• Mast lowering can be locked,which can prevent accidents caused by misoperation



• Steering speed limited function——when the steering angle exceeds the set value,the speed will be limited



• Standard OPS seat ( operator presence system): if driver leaves the seat, the forklift will stop working. the safety of operator and forklift can be guaranteed. the seat with less vibration and good package comfortable the operator.



**Five highlights**

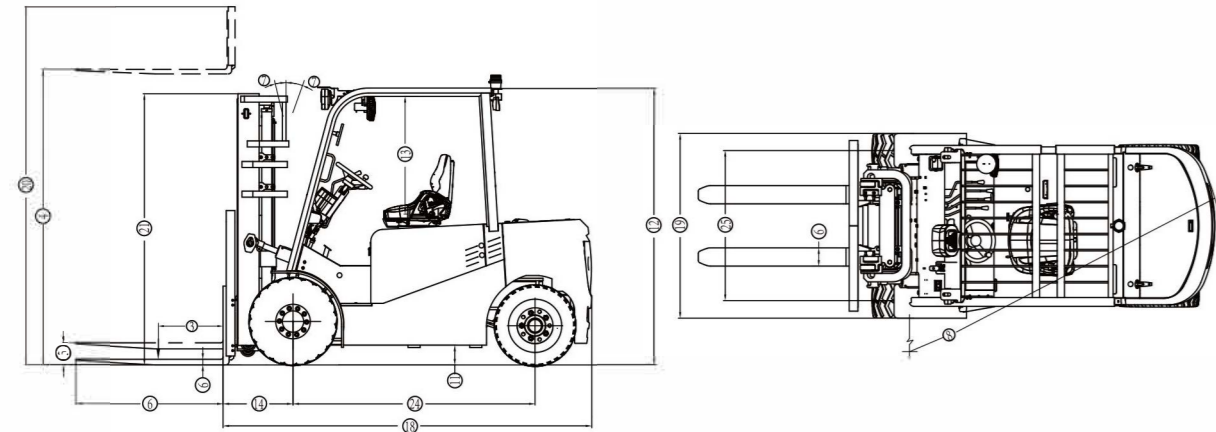
of S Series 1.5-5T electric counterweight balance forklifts



## SPECIFICATIONS

Model		CPD15S	CPD18S	CPD20S	CPD25S	CPD45S	CPD50S	
1	Power type	Battery						
2	Rated capacity	kg 1500	1800	2000	2500	4500	5000	
3	Load center distance	mm 500	500	500	500	500	500	
4	Lift height	mm 3000	3000	3000	3000	3000	3000	
5	Free lift height	mm 120	120	150	150	120	120	
6	Fork size	L x W x T mm 1070 x 100 x 40		1070 x 120 x 40		1070 x 150 x 50		
7	Mast tilt angle	FR/RR °	6/10	6/10	6/10	6/9	6/9	
8	Minimum turning radius	mm	1930	1930	2060	2060	2704	
9	Minimum right angle stacking aisle	mm	3507	3507	3691	3691	4300	
10	Minimum right angle aisle width	mm	2130	2130	2260	2260	2904	
11	Minimum ground clearance	mm	100	100	100	100	145	
12	Height of overhead guard	mm	2060	2060	2060	2285	2285	
13	Height form seat to overhead	mm	1020	1020	1020	1020	1020	
14	Overhang (FR)	mm	407	407	431	431	578	
15	Maximum travel speed	Full load	km/h 13	13	13	13	13	
16		No load	14	14	14	14	14	
17	Maximum lift speed	Full load	mm/s 240	300	240	300	220	
18		No load	400	400	430	430	400	
19	Maximum lowering speed	Full load	mm/s 410	410	430	430	380	
20		No load	450	450	320	320	350	
21	Maximum gradeability	%	15	15	15	15	15	
22	Overall length	Without forks	mm 2130	2130	2331	2331	3046	
23		2130	2130	2331	2331	3046	3046	
24	Overall width	mm	1128	1128	1160	1160	1520	
25	Fork height at maximum lift	mm	4035	4035	4280	4280	4270	
26	Standard Mast height	mm	1990	1990	1985	1985	2245	
27	Tires	Front wheel	21 x 8-9-16PR		23 x 9-10-18PR		28 x 12.5-15	
28		Rear wheel	16 x 6-8-16PR		18 x 7-8-14PR		7.00-12	
29	Wheelbase	mm	1415	1415	1520	1520	2000	
30		1415	1415	1520	1520	2000	2000	
31	Tread	Front wheel/rear	mm 928/958	928/958	960/960	960/960	1200/1130	
32		Without load	kg 3000	3150	3740	4100	7400	
33	Self weight	Without load	kg 3000	3150	3740	4100	7400	
34		3000	3150	3740	4100	7400	7800	
35	Battery	Voltage/capacity	V/Ah 80/175	80/175	80/270	80/270	80/405	
36		80/175	80/175	80/270	80/270	80/405	80/720	
37	Motor	Traveling	KW 8	8	11	11	11	
38		Lifting	7.5	10	7.5	10	8.6	
39	Way of control	BC	AC	BC	AC	BC	AC	
40		BC	AC	BC	AC	BC	AC	
41	Operating pressure	Mpa	15.5	15.5	15.5	15.5	18.5	
42	Maximum drawbar pull	KN	13	13	13	13	40	

## DIMENSIONAL DRAWING



## 2M WFOV Basic Mast

Lift height	Load capacity							Overall height mast														
	Counterbalanced forklift truck							1.5-1.8t			2-2.5t			4.5t			5t					
								Fully extended		Mast tilt	Fully extended		Mast tilt	Fully extended		Mast tilt	Fully extended		Mast tilt			
	1.5t	1.8t	2t	2.5t	4.5t	5t	Forks (on the ground)	With backrest	Without backrest	FR/RR single tire	Forks (on the ground)	With backrest	Without backrest	FR/RR single tire	Forks (on the ground)	With backrest	Without backrest	FR/RR single tire	Forks (on the ground)	With backrest	Without backrest	FR/RR single tire
2000	1500	1750	2000	2500	4500	5000	1490	3035	2545	6/10	1485	3035	2665	6/10	1745	3280	2920	6/9	1745	3280	2920	6/9
2500	1500	1750	2000	2500	4500	5000	1740	3535	3045	6/10	1735	3535	3165	6/10	1995	3780	3420	6/9	1995	3780	3420	6/9
2700	1500	1750	2000	2500	4500	5000	1840	3735	3245	6/10	1835	3735	3365	6/10	2095	3980	3620	6/9	2095	3980	3620	6/9
3000	1500	1750	2000	2500	4500	5000	1990	4035	3545	6/10	1985	4035	3665	6/10	2245	4280	3920	6/9	2245	4280	3920	6/9
3300	1500	1750	2000	2500	4500	5000	2140	4335	3845	6/10	2135	4335	3965	6/10	2395	4580	4220	6/9	2395	4580	4220	6/9
3500	1500	1750	2000	2500	4500	5000	2240	4535	4045	6/10	2235	4535	4165	6/10	2495	4780	4420	6/9	2495	4780	4420	6/9
3600	1500	1750	2000	2500	4500	5000	2290	4635	4145	6/10	2285	4635	4265	6/10	2545	4880	4520	6/9	2545	4880	4520	6/9
3700	1500	1750	2000	2500	4500	5000	2340	4735	4245	6/10	2335	4735	4365	6/10	2595	4980	4620	6/9	2595	4980	4620	6/9
4000	1500	1750	2000	2500	4500	5000	2540	5035	4545	6/6	2535	5035	4665	6/6	2745	5280	4920	6/9	2745	5280	4920	6/9
4250	1400	1650	1900	2100	4500	5000	2665	5285	4795	6/6	2660	5285	4915	6/6	2870	5530	5170	6/9	2870	5530	5170	6/9
4500	1400	1550	1800	2000	4300	4800	2790	5535	5045	6/6	2785	5535	5165	6/6	2995	5780	5420	6/6	2995	5780	5420	6/6
5000	1400	1150	1300	1500	4300	4700	3040	6035	5545	6/6	3035	6035	5665	6/6	3245	6280	5920	6/6	3245	6280	5920	6/6
5500	—	—	—	—	4300	4600	3340	6535	6045	—	3335	6535	6165	—	3595	6780	6420	3/6	3595	6780	6420	3/6
6000	—	—	—	—	4000	4500	3590	7035	6545	—	3585	7035	6665	—	3845	7280	6920	3/6	3845	7280	6920	3/6

## CM 3-STAGE FULL FREE MAST

Lift height	Load capacity					Overall height mast																
	Counterbalanced forklift truck					2-2.5t					4.5t					5t						
						Fully extended		Free lifting		Mast tilt	Fully extended		Free lifting		Mast tilt	Fully extended		Free lifting		Mast tilt		
	2t	2.5t	4.5t	5t	Forks (on the ground)	With backrest	Without backrest	With backrest	Without backrest	FR/RR single tire	Forks (on the ground)	With backrest	Without backrest	With backrest	Without backrest	FR/RR single tire	Forks (on the ground)	With backrest	Without backrest	With backrest	Without backrest	FR/RR single tire
3600	1900	2400	4100	4600	1750	4635	4265	715	1090	6/6	2065	4880	4520	785	1145	6/9	2065	4880	4520	785	1145	6/9
4000	1900	2400	4100	4600	1885	5035	4665	850	1225	6/6	2200	5280	4920	920	1280	6/9	2200	5280	4920	920	1280	6/9
4200	1850	2300	4100	4600	1950	5235	4865	915	1290	6/6	2265	5480	5120	985	1345	6/9	2265	5480	5120	985	1345	6/9
4350	1850	2200	4100	4600	2000	5385	5015	965	1340	6/6	2315	5630	5270	1035	1395	6/9	2280	5630	5270	1035	1395	6/9
4500	1700	1700	4100	4600	2050	5535	5165	1015	1390	6/6	2365	5780	5420	1085	1445	6/9	2365	5780	5420	1085	1445	6/9
4800	1700	1700	4100	4600	2150	5835	5465	1115	1490	6/6	2465	6080	5720	1185	1545	6/9	2465	6080	5720	1185	1545	6/9
5000	1500	1500	3750	4250	2220	6035	5665	1180	1555	6/6	2530	6280	5920	1250	1610	6/9	2530	6280	5920	1250	1610	6/9
5500	1200	1200	3250	3750	2435	6535	6165	1400	1775	3/6	2750	6780	6420	1470	1830	3/6	2750	6780	6420	1470	1830	3/6
6000	800	800	2750	3250	2600	7035	6665	1565	1940	3/6	2915	7280	6920	1635	1995	3/6	2915	7280	6920	1635	1995	3/6

## CHARGER MODEL

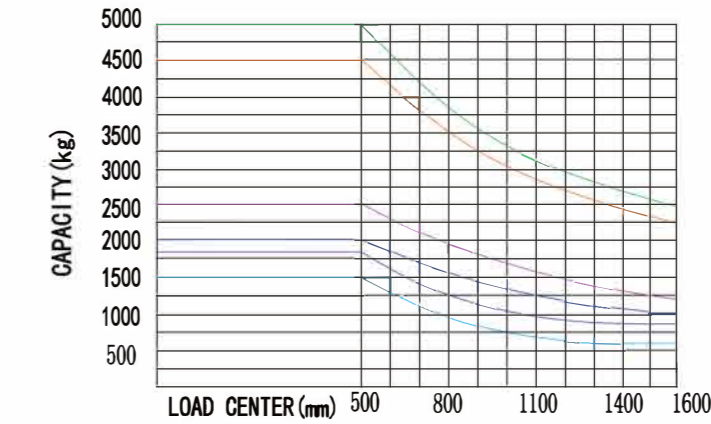
Charger model	Electric power		Connector type	Forklift model
	Rated input voltage	Local frequency		
48V60A	400V	50HZ	REMA160	CPD15S
48V70A	400V	50HZ	REMA160	CPD18S
80V80A	400V	50HZ	REMA160	CPD15-18S
80V80A	380V	50HZ	REMA320	CPD20-25S
80V100A	380V	50HZ	REMA320	CPD45-50S

## SPECIFICATION TABLE OF FORKS

Standard equipment	Width	Thickness	length series								Forklift models	Mounting class	
			L										
LxWxT	W	T	mm										
1070x122x40	100	35	770	920	*1070	1220	1370	1520	—	—	—	1.5t	II
1070x122x40	100	35	770	920	*1070	1220	1370	1520	—	—	—	1.8t	II
1070x122x40	122	40	770	920	*1070	1220	1370	1520	1670	1820	1970	2t	II
1070x122x40	122	40	770	920	*1070	1220	1370	1520	1670	1820	1970	2.5t	II
1070x150x50	150	50	770	920	*1070	1220	1370	1520	1670	1820	1970	4.5t	III
1070x150x50	150	50	770	920	*1070	1220	1370	1520	1670	1820	1970	5t	III

Mark\*\*\* means the standard fork

## LOAD CAPACITY



Note: the vertical axis represents the CAPACITY and the horizontal axis represents the LOAD CENTER. The calculation of LOAD CENTER starts with the frontage of fork. The basic point of standard load refers to the center of a cube with load side 1000mm long. The CAPACITY will drop if the mast tilts forwards, a non-standard fork is adopted or the load width is excessive. The CAPACITY at the LOAD CENTER could be timely learnt of through the load curve.

## STANDARD EQUIPMENT

- ZAPI(Inmotion)controller
- charger
- combination meter
- combination switch
- lifting speed switch
- front LED combination lamp
- LED rear lamp
- reverse buzzer
- alarm without hand brake
- steering speed limited (CPD45-50S)
- wide-view mast
- lowering buffer
- pneumatic tyres (CPD15-25S)
- toolbox
- rear mirror
- 2 valves & operation lever
- lifting and lower stopped when driver leaves the seat
- parking brake
- hand brake
- floating seat
- cup set
- paper folder

## OPTIONS EQUIPMENT