



J Series counterbalanced battery forklift

JAC FORKLIFT

CPD13J / CPD16J / CPD18J / CPD20J CPD25J / CPD30J / CPD35J





MATERIAL HANDLING EXPERTS FROM AUTOMOTIVE QUALITY



JAC HEAVY DUTY IMPORT & EXPORT CO.,LTD



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ISO 14001

OHSAS 18001

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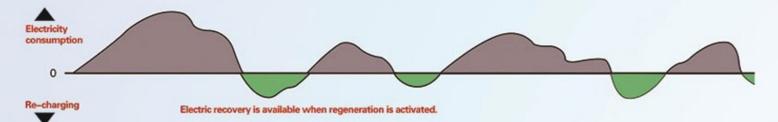
Email: sales@powerforklifts.co.nz



Excellent operating performance

Regeneration of battery

Electricity is collected to battery during braking, deacceleration and streeing to prolong functioning period of battery.



Speed regulation and inching of lifting

The system is sentitive to displacement of valce rod for saving energy and precise stacking so as to prolong operation hours of battery.

Automatic power off

The machine will be powered off in case it has been in neutral gear for over 5 seconds so as to save energy.

Strengthened frame with low gravity center

Integrated and strengthened frame featuring improved carrying capacity. It is a frame with 4 supports designed for counterbalanced battery forklift (patent number: 201220133447.2)

Load-sensitive hydraulic system

Lifting speed is improved by 5%.

◆ Three-gear drive mode

Fast/intermediate/slow speed gears are available for operation in different conditions and for different distance.



Driving confortablilit

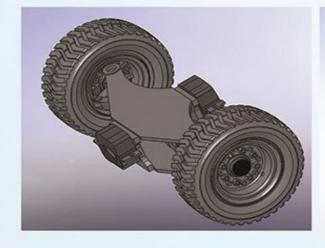
Shock absorption connecting steering bridge

Shock sbsorption steering axle reduces shocks while the machine is moving.

Floating seat

The seat can be adjusted forward or backward and the back rest is also adjustalbe;

Shock absorption spring can be adjusted according to weight of oprator.







High safety and Reliability

Water-proof

The imported water-proof connectors are more reliable

◆ Delayed power -off-The frist in China

The machine will be powered off in case the machine has been powered on but not is use for at least 10 minutes, which is safe and energy-saving.





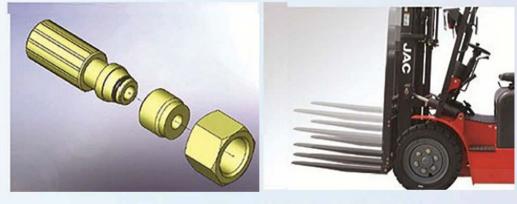


♦ 24° cone+Oring

The hydraulic system adopts the most advanced sealing.

Buffer when descending

The forklift provides buffer when the loading is descending for safer and smoother operation.



Neutral safety system

The neutral safety system eliminates accidents caused by unintended start of engine.

Convenient maintenance

Readable Instruments

LED istruments clearly display operation conditions of forklift.

- ◆ The hood can be lifted to 80° for easy maintence
- Lifting motor is located in the rear
- ◆ Controller is located in the rear





SPECIFICATIONS

		Model			CPD	13J	CPE)16J	CPE	18J	CPD	20J	CPD	25J	CPE	30J	CPD)35J	
1		Power Type			Batt	ery	Bat	tery	Bat	tery	Bat	ery	Batt	ery	Bat	tery	Bat	tery	
2		Load Capcity		kg	13	00	16	00	18	00	20	00	25	00	30	000	35	500	
3		Load center		mm	50	00	50	00	50	00	50	0	50	0	5	00	50	00	
4		Lift height		mm	30	00	30	00	30	00	30	00	30	00	30	000	30	000	
5		Free lift height		mm	12	20	12	20	12	20	15	5	15	5	1	60	7	70	
6		Fork size	L*W*H	mm			920 × 1	00×40				1070×	122 × 40		1070×	125 × 45	1070×	125 × 50	
7	Fe	Mast tilt	FR/RR	0	6/1	10	6/	10	6/	10	6/	2	6/1	2	6/	12	6/	12	
8	Feture	Min turning Radiu	s	mm	19	90	20	30	20	30	22	00	22	00	24	197	25	520	
9		Min Right angle st	acking aisle width	mm	33	97	34	37	34	37	38	65	38	65	41	78	42	204	
10		Min right angle ais	sle width	mm	21	90	22	30	22	30	24	00	24	00	27	703	27	720	
11		Min ground cleara	nce	mm			9	3			11	0	11	0	1:	20	12	20	
12		Height of overhea	d guard	mm	21	32	21	32	21	32	21	72	21	72	21	80	21	180	
13		Height of seat to d	overhead guard	mm	10	20	10	20	10	20	99	0	99	0	9	80	98	80	
14		Overhang		mm	40	7	40	07	40)7	46	6	46	6	4	74	49	92	
15	Po	Max driving speed	Full load	km/h	1:	2	1	2	1	2	1	2	1:	2	1	2	1	12	
16	forma	Max Lifting speed	Full load	mm/s	260 300		260	300	260	280	220	280	215	280	260	260	260	260	
17	8	Gradeabiity		%	15 15		15	15	15	15	15	15	15	15	15	15	10 10		
18	0	Overall length	Without forks	mm	21	58	22	20	22	20	24	35	24	35	25	85	2603		
19	Dimensi	Over width		mm	10	72	10	72	10	72	11	63	11	63	12	250	12	250	
20	nsic	Height mast lifted	(with backrest)	mm	39	30	39	30	39	30	40	30	40	30	42	228	42	228	
21	ž	Height mast lower	ed	mm	19	90	19	90	19	90	19	95	19	95	20	065	21	120	
22		T	Front				6.00-9	-10PR				7.00-1	2-12PR		28×9-1	5-14PR	28×	9-15	
23		Tyre	Rear				5.00-8	-10PR				18×7-	8-14PR			6.50-1	0-10PR		
24		Wheelbase		mm	13	70	13	70	13	70	15	20	15	20	17	700	17	700	
25		Tread	FR/RR	mm	894/	920	894	920	894	920	973/	960	973/	960	1000	0/990	1000	0/990	
26	ъ	Self weight	Without load	kg	28	40	30	000	31	20	38	50	41	90	49	960	54	100	
27	Power	Battery	Voltage/capacity	V/Ah	48/400		48/	400	48/	500	48/6	500	48/6	30	80/	500	80/	550	
28	9		Driving	KW	8	3		3		3	11	.1	11	.1	16	5.6	16	5.6	
29		motor	lifting	KW	7.5	10	7.5	10	7.5	10	8.6	12	8.6	12	13	13.5	13	13.5	
30		Way of Control			вс	AC	BC	AC	ВС	AC	ВС	AC	BC	AC	BC	AC	BC	AC	
31		Working pressure		Mpa				.5	15	.5	18	.5	18	.5	18	3.5	18.5		
32		Drawbar pull		KN	1:	3	1	3	1	3	1	7	1	7	21		2	21	

ENGINE TYPE SELECTION AND PARAMETERS

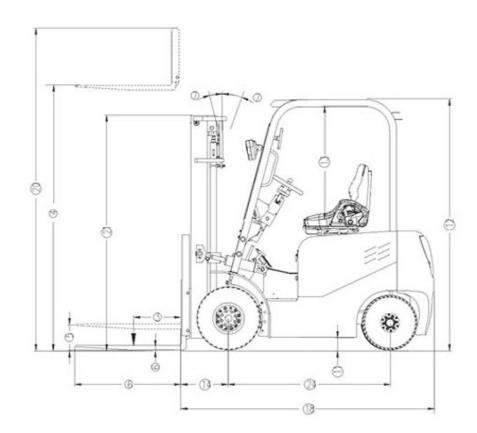
Forklift model	Bettery size mm (L×W×H)	Battery capacity (Ah)
CPD13/16J	965 × 455 × 705	400
CPD18J	965 × 455 × 705	500
	965 × 455 × 705	390
CPD12/16 I/19 I	965 × 455 × 705	470
CPD13/16J/18J	965 × 455 × 705	550
	965 × 455 × 705	600
CPD20J	1028 × 525 × 780	600
CPD25J	1028 × 525 × 780	630
CPD20/50J	1028 × 525 × 780	700
CPD20/500	1028 × 525 × 780	770
CPD30J	1141 × 612 × 805	500
CPD35J	1141 × 612 × 805	550
	1141 × 612 × 805	560
CPD30/35J	1141 × 612 × 805	600
	1141 × 612 × 805	650

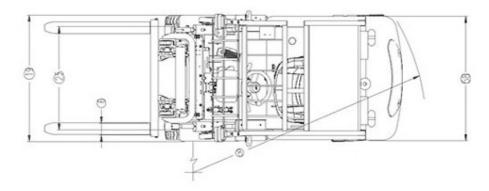
CHARGER MODEL

Charges Madel	Electric	power	Ctd-l	Facilità madal
Charger Model	Voltage	Frequency	Connector model	Forklift model
48V60A	400V	50HZ	REMA160	CPD13/16J
48V70A	400V	50HZ	REMA160	CPD18J
48V80A	400V	50HZ	REMA320	CPD20/25J
80V70A	400V	50HZ	REMA320	CPD30/35J



DIMENSIONAL DRAWING

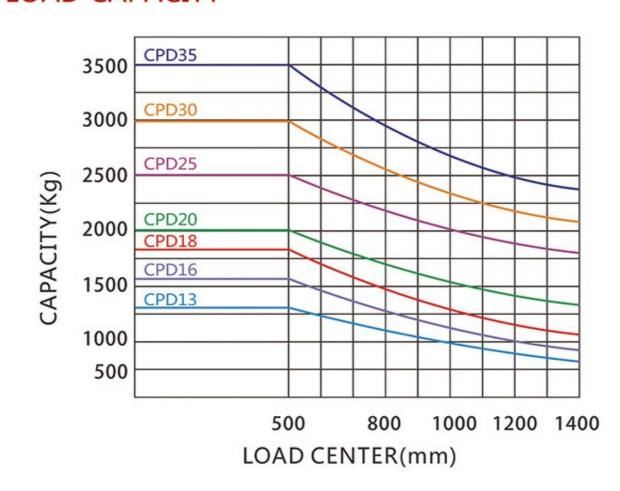




STANDARD & OPTIONS EQUIPME

System	Standard Equipment	Optional equipment
	ZAPI(Inmotion) controller	Curtis controller
Î	charger	Imported battery
ĺ	Combination meter	Alarming light
İ	Combination switch	Fan
Electric system	lifting speed regulator	heater
	Front headlight	LED Front headlight
1	LED Tail light	Auto fluid-infusion battery
	USB charger	LED tail light
	Reverse buzzer	Voice reverse buzzer
	wide-view mast	Duplex Full free mast
	Lowering buffer	Triplex Full free mast
		hinged fork
		Paper roll Clamp
		Extended fork
		fork shoes
Lifting system		side shifter
		Carpet boom
		Bale Clamp
		Pull/push attachment
		Rotating attachment
		Special attachment
Drive,transmissi on and steering	Pneumatic tyre	Solid tyre
system		Environmental-friendly solid ty
General	tool kits	
	Rearview	Three-cross&five-vertical protection net
Overhead	Front/Rear Lamp shade	Wingshield
guard		Cabin
		Non-standard overhead guar
		Fire extinguisher
Hydraulic	2 spools	3 spools
system		4 spools
Deales austral	Service brake	
Brake system	Parking brake	
	Floating seat	Safety belt
hood & bottom-plate	Cup set	Seat belt system alarm
bottom-plate	Paper folder	

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.



WIDE-VIEW BASIC MAST

									London	onocity														Heigh	t mast						Mast tilt
Lifting									Load	apacity										1.3-1.8t			2-2.5t			3t			3.5t		angle
height	Counterbalanced forklift truck																Height	Height (ma:	st extended)	Height	Height (mas	st extended)	Height	Height (ma	st extended)	Height	Height (ma:	st extended)			
	1.	3t	1.	5t	1.8	8t		2t	2.	5t	1t	1.5t	2t	2.5t	3	t	3.	5t	(Fork on ground)	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	F/R
Tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre													
mm	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	0
2000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	_	_		_	3000	3000	3500	3500	1510	2930	2560	1495	2944	2594	1575	3230	2700	1620	3230	2700	6/12
2500	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	_				3000	3000	3500	3500	1760	3430	3060	1745	3444	3094	1825	3730	3200	1870	3730	3200	6/12
2700	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500		_	_	_	3000	3000	3500	3500	1860	3630	3260	1845	3644	3294	1925	3930	3400	1970	3930	3400	6/12
3000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	_	10000	_	_	3000	3000	3500	3500	2010	3930	3560	1995	3944	3594	2075	4230	3700	2120	4230	3700	6/12
3300	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500				_	3000	3000	3500	3500	2160	4230	3860	2145	4244	3894	2225	4530	4000	2270	4530	4000	6/12
3500	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	_			_	3000	3000	3500	3500	2260	4430	4060	2245	4444	4094	2325	4730	4200	2370	4730	4200	6/12
3600	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500		_		_	3000	3000	3500	3500	2310	4530	4160	2295	4544	4194	2375	4830	4300	2420	4830	4300	6/12
3700	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	_			_	3000	3000	3500	3500	2360	4630	4260	2345	4644	4294	2425	4930	4400	2470	4930	4400	6/12
4000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	_			_	2850	3000	3500	3500	2560	4930	4560	2545	4944	4594	2625	5230	4700	2670	5230	4700	6/12
4250	950	1000	1400	1500	1650	1750	1900	2000	2100	2500	_	_		_	2600	3000	3300	3500	2685	5180	4810	2670	5194	4844	2750	5480	4950	2795	5480	4950	6/12
4500	950	1000	1400	1450	1550	1700	1800	1900	1800	2400	_	_	_	_	2600	3000	3050	3500	2810	5630	5260	2795	5444	5094	2875	5730	5200	2920	5730	5200	6/12
5000	850	950	1000	1300	1150	1500	1300	1700	1300	2200	_	_	_	_	2100	2850	2600	3150	3060	5930	5560	3045	5944	5594	3125	6230	5700	3170	6230	5700	6/6
5500	_	650	_	1100	_	1300	_	1500	_	1700	_	_	-	_		2400	_	2850	3360	6430	6060	3345	6444	6094	3425	6730	6200	3470	6730	6200	3/6
6000	_	550	_	750	_	900	_	1300	_	1400	_		_		_	2000	_	2850	3610	6930	6560	3595	6944	6594	3675	7230	6700	3720	7230	6700	3/6

ZM2-STAGE FULL FREE MAST

							Lood	annacit.																Heigh	nt mast										Mast tilt
Lifting							Load	capacity									1.3-1.8t					2-2.5t	Service F				3t					3.5t			angle
Lifting height		8		<u> </u>	S	Cor	unterbalan	ced forklift to	ruck						Height	Height (mas	st extended)	Free lit	ft height	Height	Height (ma:	st extended)	Free li	ft height	Height	Height (mas	st extended)	Freelif	t height	Height	Height (ma	st extended)	Freelif	t height	1
	1.	.3t	1.	5t	1.	8t	:	2t	2	.5t	3	Bt	3	.5t	(Forkon ground)	with backrest	without backrest	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	with backrest	without backrest	F/R
Tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre																					
mm	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	0
2000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	1510	2930	2560	610	980	1495	2944	2594	460	810	1575	3230	2700	315	845	1575	3227	2697	315	845	6/12
2500	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	1760	3430	3060	860	1230	1745	3444	3094	710	1060	1825	3730	3200	565	1095	1825	3727	3197	565	1095	6/12
2700	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3501	1860	3630	3260	960	1330	1845	3644	3294	810	1160	1925	3930	3400	665	1195	1925	3927	3397	665	1195	6/12
3000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3502	2010	3930	3560	1110	1480	1995	3944	3594	960	1310	2075	4230	3700	815	1345	2075	4227	3697	815	1345	6/12
3300	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3503	2160	4230	3860	1260	1630	2145	4244	3894	1110	1460	2225	4530	4000	965	1495	2225	4527	3997	965	1495	6/12
3500	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3504	2260	4430	4060	1360	1730	2245	4444	4094	1210	1560	2325	4730	4200	1065	1595	2325	4727	4197	1065	1595	6/12
3600	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3505	2310	4530	4160	1410	1780	2295	4544	4194	1260	1610	2375	4830	4300	1115	1645	2375	4827	4297	1115	1645	6/12
3700	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3506	2360	4630	4260	1460	1830	2345	4644	4294	1310	1660	2425	4930	4400	1165	1695	2425	4927	4397	1165	1695	6/12
4000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	2850	3000	3500	3507	2560	4930	4560	1660	2030	2545	4944	4594	1510	1860	2625	5230	4700	1365	1895	2625	5227	4697	1365	1895	6/12
4250	950	1000	1400	1500	1650	1750	1900	2000	2100	2500	2600	3000	3300	3508	2685	5180	4810	1785	2155	2670	5194	4844	1635	1985	2750	5480	4950	1490	2020	2750	5477	4947	1490	2020	6/12
4500	950	1000	1400	1450	1550	1700	1800	1900	1800	2400	2600	3000	3050	3509	2810	5430	5060	1910	2280	2795	5444	5094	1760	2110	2875	5730	5200	1615	2145	2875	5727	5197	1615	2145	6/12

CM3-STAGE FULL FREE MAST

							1																	Heigh	nt mast										Mast tilt
Litina							Load	capacity									1.3-1.8t					2-2.5t					3t					3.5t			angle
Lifting height						Co	unterbalan	ced forklift t	ruck						Height	Height (ma	st extended)	Free li	ft height	Height	Height (ma	st extended)	Free li	ft height	Height	Height (ma	st extended)	Freelif	t height	Height	Height (ma:	st extended)	Freelif	ft height	
	1.	3t	1	.5t	1.	.8t		2t	2	2.5t	3	Bt	3	3.5t	(Forkon ground)	with backrest	without backrest	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	with backrest	without backrest	(Fork on ground)	with backrest	without backrest	with backrest	without backrest	F/R
Tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre	Single tyre	dual tyre																					
mm	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	0
3000									_							_						_								_					6/6
3300				_			_	_		_									_				_							_					6/6
3600	900	900	1400	1400	1600	1600	1900	1900	2400	2400	2900	3000	3400	3400	1710	4530	4160	810	1180	1745	4544	4194	750	1100	1800	3030	2500	520	1050	1800	3030	2500	520	1050	6/6
4000	900	900	1350	1400	1600	1600	1900	1900	2400	2400	2850	3000	3350	3400	1845	4930	4560	940	1310	1880	4944	4594	885	1235	1935	3165	2635	705	1235	1935	3165	2635	705	1235	6/6
4200	900	900	1350	1400	1550	1600	1850	1900	2400	2400	2800	3000	3300	3400	1910	5130	4760	1076.667	1446.667	1945	5144	4794	950	1300	2000	3230	2700	770	1300	2000	3230	2700	770	1300	6/6
4350	900	900	1350	1350	1550	1550	1700	1900	2400	2400	2700	2900	3200	3400	1960	5280	4910	1093.333	1463.333	1995	5294	4944	1000	1350	2050	3280	2750	820	1350	2050	3280	2750	820	1350	6/6
4500	850	850	1300	1300	1400	1550	1700	1800	1700	2300	2600	2800	3100	3300	2010	5430	5060	1110	1480	2045	5444	5094	1050	1400	2100	3330	2800	870	1400	2100	3330	2800	870	1400	6/6
4800	850	850	1100	1300	1400	1550	1700	1800	1700	2300	2400	2700	2900	3200	2110	5730	5360	1143.333	1513.333	2145	5744	5394	1150	1500	2200	3430	2900	970	1500	2200	3430	2900	970	1500	6/6
5000	800	850	1100	1300	1150	1500	1500	1750	1500	2250	2100	2350	2600	2900	2180	5930	5560	1275	1645	2215	5944	5594	1220	1570	2265	3495	2965	1035	1565	2265	3495	2965	1035	1565	6/6
5500	700	800	850	1250	850	1400	1200	1700	1200	2150	2000	2300	2500	2800	2395	6430	6060	1490	1860	2330	6444	6094	1335	1685	2435	3665	3135	1255	1785	2435	3665	3135	1255	1785	6/6
6000	450	700	800	1000	850	1250	800	1600	800	1800	1300	1950	1750	2500	2560	6930	6560	1700	2070	2395	6944	6594	1400	1750	2600	3830	3300	1370	1900	2600	3830	3300	1370	1900	6/6