

JAC
FORKLIFT

He series 3-3.5T

NEW ENERGY VEHICLE

JAC diesel vehicle quality reputation + new energy lithium battery

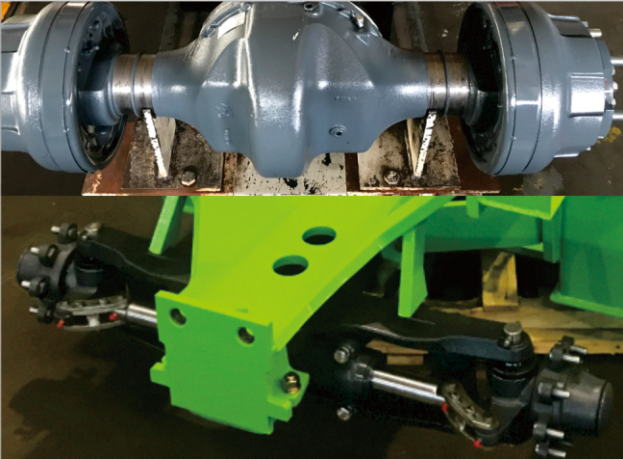
**Joyful
Model**

80V

Continuous operation for 3-4 hours
under comprehensive working conditions



JAC HEAVY DUTY IMPORT & EXPORT CO.,LTD



Stable and reliable

Casting drive axle, steering axle, overall strength improvement



Gantry lowering buffer

Effectively reduce the impact of load drop, more stable and safe



Prevent the vehicle from starting accidentally

During the charging process, it can not be started by power on; after charging, it can be started by unplugging the charging socket and restarting the key



Standard OPS seat

When the driver leaves the seat, the whole vehicle does not work to ensure the safety of people and vehicles. The seat has good shock absorption and wrapping effect, which makes driving more comfortable.



Energy saving and environmental protection

CPD30 is equipped with 80V / 220ah lithium battery as standard
CPD35 is equipped with 80V / 270ah lithium battery as standard



AC system and lithium battery maintenance free

AC motor, protection grade IP54, maintenance free;
The lithium battery can be charged at any time without adding distilled water, so it is maintenance free.



Durable & Substantial



Durable & Substantial

high strength internal combustion balance weight frame body



15%

Climbing capacity

full load up to 15%



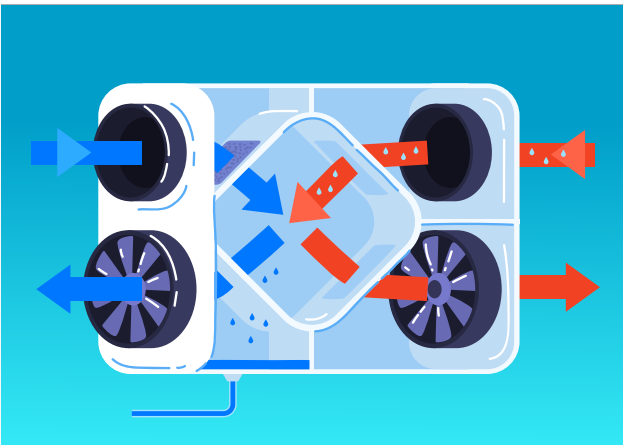
Charging time

Once charging time is about 120-180 minutes. It can realize charging mode anytime and anywhere if choose High- power charger as optional.



Working environment

working environment temperature:-20-60 °C



Air cooling system

Intelligent control fan, so as to eliminate the phenomenon that the forklift truck can not be used due to overheating protection.



Protection grade

Ip65 protection grade, can achieve the same working conditions as diesel forklift

SPECIFICATIONS

Model			CPD30He		CPD35He		
			80V Joyful model-80V				
1	Features	Power type		lithium battery		lithium battery	
2		Rated load		kg	3000	3500	
3		Load center distance		mm	500	500	
4		Lift height		mm	3000	3000	
5		Free lift height		mm	150	65	
6		Fork size	L × W × T		mm	1070 × 125 × 45	
7		Mast tilt angle	FR/RR		°	8/10	
8		Minimum turning radius		mm	2550	2570	
9		Minimum right angle stacking aisle width		mm	4025	4045	
10		Minimum right angle aisle width		mm	2750	2770	
11		Minimum ground clearance		mm	140		
12		Height of overhead guard		mm	2090		
13		Height from seat to overhead guard		mm	1000		
14		Overhang (FR)		mm	475	485	
15	Performance	Maximum travel speed	Full load		km/h	12	12
16			No load			13	13
17		Maximum lift speed	Full load		mm/s	270	235
18			No load			380	330
19		Maximum lowering speed	Full load		mm/s	460	360
20			No load			430	330
21	Performance	Overall length	Without forks		mm	2765	2810
22			Overall width		mm	1230	
23		Mast height at maximum lift (with backrest)		mm	4260		
24		Mast lowered height		mm	2075		
25	Tires	Front wheel			28 × 9-15-14PR		
26		Rear wheel			6.50-10-10PR		
27	Wheelbase		mm	1760			
28	Tread	Front wheel/rear wheel		mm	1000/970		
29	Self weight	Without load		kg	4280	4700	
30	lithium battery	Voltage		V	80V		
31		capacity	maximum climbing capacity is 15%		Ah	220Ah	270Ah (10%)
32			maximum climbing capacity is 20%			/	/
33	Motor	Traveling		KW	16.6		
34		Lifting		KW	13.5		
35	Way of control			AC			
36	Operating pressure		Mpa	18.5			
37	Maximum drawbar pull		KN	18	19		

STANDARD EQUIPMENT

- Standard forks
- Light switch
- Durable rib tire
- Drawbar pin
- Hand brake switch
- Hydraulic return filter element
- Standard seat
- Electric horn
- Hour meter
- Headlight
- Tool kit
- Hydraulic suction filter element
- Backrest
- 2 control valves
- WFOV mast
- Tilt adjustable steering wheel
- Rubber pedal pad
- Hydraulic oil scale
- Backup light
- Direction switch
- Cable type parking brake
- Tilt circuit self-locking valve
- Battery
- Key switch
- Back-up buzzer
- Tail lamp
- Lift/tilt lever
- Full hydraulic power steering
- Battery charger
- Brake
- Side mirror
- Rain cover of overhead guard
- Lifting speed limit valve
- Handle
- Instrument
- Turn signal light

OPTIONS EQUIPMENT

- Windshield
- Lengthened forks
- Various attachments
- User specified color
- Rear blue light
- 2-3 stage full free mast
- Cab
- Solid tire
- Non-marking solid tire
- Lamp bracket
- Advanced seat
- Fire extinguisher
- Warning light
- Rear lighting headlamp
- Small fan

The company reserves the right to change the parameters without notice.

2M WFOV BASIC MAST

Lift height	Load capacity				Overall height of mast											
	Counterbalanced forklift truck				Forks (on the ground)	3t				Mast tilt angle		Forks (on the ground)	3.5t			
	3t		3.5t			Fully extended		FR/RR		Fully extended			Mast tilt angle			
	single tire	dual tire	single tire	dual tire		With backrest	Without backrest	single tire	dual tire	With backrest	Without backrest		single tire	dual tire		
mm	kg	kg	kg	kg	mm	mm	mm	°	°	mm	mm	mm	°	°		
2000	3000	3000	3500	3500	1575	3260	2730		8/10	8/10	1575	3230	2700		8/10	8/10
2500	3000	3000	3500	3500	1825	3760	3230		8/10	8/10	1825	3730	3200		8/10	8/10
2700	3000	3000	3500	3500	1925	3960	3430		8/10	8/10	1925	3930	3400		8/10	8/10
3000	3000	3000	3500	3500	2075	4260	3730		8/10	8/10	2075	4260	3730		8/10	8/10
3300	3000	3000	3500	3500	2225	4560	4030		8/10	8/10	2225	4530	4000		8/10	8/10
3500	3000	3000	3500	3500	2325	4760	4230		8/10	8/10	2325	4730	4200		8/10	8/10
3600	3000	3000	3500	3500	2375	4860	4330		8/10	8/10	2375	4830	4300		8/10	8/10
3700	3000	3000	3500	3500	2425	4960	4430		6/6	8/10	2425	4930	4400		6/6	8/10
4000	2850	3000	3500	3500	2625	5260	4730		6/6	8/10	2625	5230	4700		6/6	8/10
4250	2600	3000	3300	3500	2750	5510	4980		6/6	8/10	2750	5480	4950		6/6	8/10
4500	2400	2900	3050	3500	2875	5760	5230		6/6	6/6	2875	5730	5200		6/6	6/6
5000	—	2850	2800	3150	3125	6260	5730		6/6	6/6	3125	6230	5700		6/6	6/6
5500	—	2400	—	2850	3425	6760	6230			3/6	3425	6730	6200			3/6
6000	—	2000	—	2500	3675	7260	6730			3/6	3675	7230	6700			3/6

BM 2-STAGE FULL FREE MAST

Lift height	Load capacity				Overall height of mast													
	Counterbalanced forklift truck				Forks (on the ground)	3t				Mast tilt angle		Forks (on the ground)	3.5t				Mast tilt angle	
	3t		3.5t			Fully extended		Free		FR/RR			Fully extended		Free		FR/RR	
	single tire	dual tire	single tire	dual tire		With backrest	Without backrest	With backrest	Without backrest	single tire	dual tire		With backrest	Without backrest	With backrest	Without backrest	single tire	dual tire
mm	kg	kg	kg	kg	mm	mm	mm	mm	mm	°	°	mm	mm	mm	mm	°	°	
2000	3000	3000	3500	3500	1575	3270	2740	315	845	8/10	8/10	1670	3270	2740	440	970	8/10	8/10
2500	3000	3000	3500	3500	1825	3770	3240	565	1095	8/10	8/10	1920	3770	3240	690	1220	8/10	8/10
2700	3000	3000	3500	3500	1925	3970	3440	665	1195	8/10	8/10	2020	3970	3440	790	1320	8/10	8/10
3000	3000	3000	3500	3500	2075	4270	3740	815	1345	8/10	8/10	2170	4270	3740	940	1470	8/10	8/10
3300	3000	3000	3500	3500	2225	4570	4040	965	1495	8/10	8/10	2320	4570	4040	1090	1620	8/10	8/10
3500	3000	3000	3500	3500	2325	4770	4240	1065	1595	8/10	8/10	2420	4770	4240	1190	1720	8/10	8/10
3600	3000	3000	3500	3500	2375	4870	4340	1115	1645	8/10	8/10	2470	4870	4340	1240	1770	8/10	8/10
3700	3000	3000	3500	3500	2425	4970	4440	1165	1695	8/10	8/10	2520	4970	4440	1290	1820	6/6	8/10
4000	2850	3000	3500	3500	2625	5270	4740	1365	1895	6/6	8/10	2720	5270	4740	1440	1970	6/6	8/10
4250	2600	3000	3300	3500	2750	5520	4990	1490	2020	6/6	8/10	2845	5520	4990	1565	2095	6/6	8/10
4500	2600	3000	3050	3500	2875	5770	5240	1615	2145	6/6	6/6	2970	5770	5240	1690	2220	6/6	6/6

CM 3-STAGE FULL FREE MAST

Lift height	Load capacity				Overall height of mast											Mast tilt angle		
	Counterbalanced forklift truck				Forks (on the ground)	3t				Free			Forks (on the ground)	3.5t				
	3t		3.5t			Fully extended		Free		Free		Fully extended		Free				
	single tire	dual tire	single tire	dual tire		With backrest	Without backrest	With backrest	Without backrest	With backrest	Without backrest	With backrest		Without backrest	With backrest		Without backrest	
mm	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	°	
3600	2900	3000	3400	3400	1800	4870	4340	570	1100	1800	4870	4340	570	1100	6/6			
4000	2850	3000	3350	3400	1935	5270	4740	705	1235	1935	5270	4740	705	1235	6/6			
4200	2800	3000	3300	3400	2000	5470	4940	770	1300	2000	5470	4940	770	1300	6/6			
4350	2700	2900	3200	3400	2050	5620	5090	820	1350	2050	5620	5090	820	1350	6/6			
4500	2600	2800	3100	3300	2100	5770	5240	870	1400	2100	5770	5240	870	1400	6/6			
4800	2400	2700	2900	3200	2200	6070	5540	970	1500	2200	6070	5540	970	1500	6/6			
5000	2100	2350	2600	2900	2265	6270	5740	1035	1565	2270	6270	5740	1040	1570	6/6			
5500	2000	2300	2500	2800	2485	6770	6240	1255	1785	2485	6770	6240	1255	1785	3/6			
6000	1300	1950	1750	2500	2650	7270	6740	1370	1900	2650	7270	6740	1420	1950	3/6			

LITHIUM BATTERY CAPACITY CONFIGURATION TABLE

Model	mmSize of lithium battery box mm	(Ah) capacity	remarks
CPD30/35	870*765*410	220Ah	CPD30Standard
	870*765*410	270Ah	CPD35Standard、CPD30Optional

CHARGER MODEL CONFIGURATION TABLE

Charger model configuration table	Voltage	Model	remarks
80V100A	380V	CPD30-35(80V)	Optional



MATERIAL HANDLING EXPERTS FROM AUTOMOTIVE QUALITY



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