

JAC
FORKLIFT

He series 2-3.5T

NEW ENERGY VEHICLE

JAC diesel vehicle quality reputation + new energy lithium battery

**Enjoyable
Model**

115V

Continuous operation for 6-8 hours
under comprehensive working conditions



JAC HEAVY DUTY IMPORT & EXPORT CO.,LTD



Durable & Substantial



Durable & Substantial

High-strength internal combustion counterbalanced body



Gradeability

Can reach 15% with Full Load



Travel speed

Can reach 15km / h with Full Load



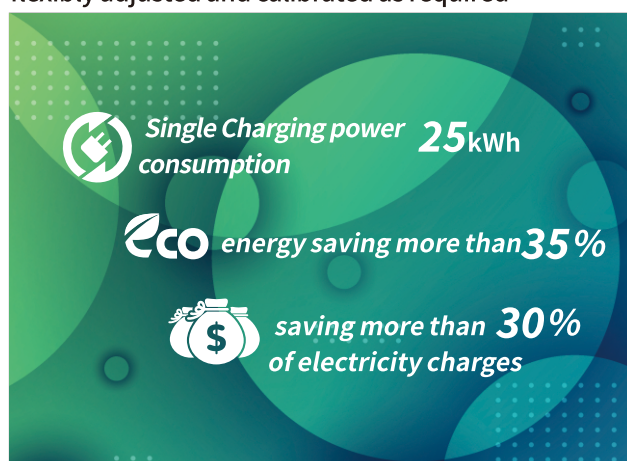
Adjustable parameters

The parameters of the upper electrical system can be flexibly adjusted and calibrated as required



Lifting speed

Can reach 280mm/s with Full Load



Energy saving and environmental protection

The single charging power consumption is 25 kWh, energy saving more than 35%, and saving more than 30% of electricity charges



Charging time

The charging time is about 1.5-2 hours, and the optional high-power on-board charger can realize the charging mode anytime, anywhere.



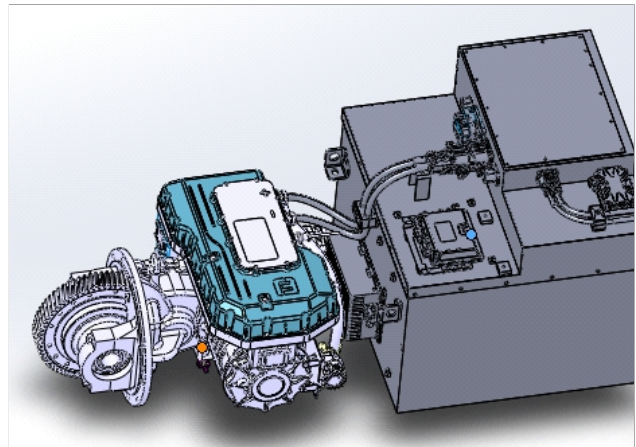
Working environment

working environment temperature:-20-60 °C



Protection grade

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



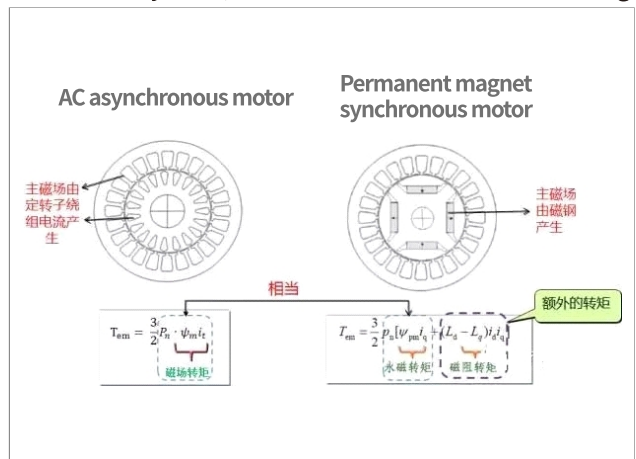
Multiple leakage detection

BMS, Travel motor, Pump motor, Multiple insulation detection system, Automotive level insulation design



Air cooling system

Intelligently control the fan to prevent the forklift from stopping due to overheating protection.



Permanent magnet synchronous motor

Permanent magnet synchronous motor has smaller current and larger starting torque

SPECIFICATIONS

Model			CPD20He	CPD25He	CPD30He	CPD35He		
115V Enjoyable model-115V								
1	Features	Powe type		lithium battery	lithium battery	lithium battery	lithium battery	
2		Rated load	kg	2000	2500	3000	3500	
3		Load center distance	mm	500	500	500	500	
4		Lift height	mm	3000	3000	3000	3000	
5		Free lift height	mm	140	140	150	65	
6		Fork size	L × W × T	1070 × 122 × 40		1070 × 125 × 45	1070 × 125 × 50	
7		Mast tilt angle	FR/RR	6/12		8/10		
8		Minimum turning radius	mm	2170	2230	2550	2570	
9		Minimum right angle stacking aisle width	mm	3635	3695	4025	4045	
10		Minimum right angle aisle width	mm	2370	2430	2750	2770	
11		Minimum ground clearance	mm	110		140		
12		Height of overhead guard	mm	2070		2090		
13		Height form seat to overhead guard	mm	1000		1000		
14		Overhang (FR)	mm	465	465	475	485	
15	Performance	Maximum travel speed	Full load	km/h	15	15	15	
16			No load	km/h	15	15	15	
17		Maximum lift speed	Full load	mm/s	310	310	280	280
18			No load	mm/s	380	380	350	350
19		Maximum lowering speed	Full load	mm/s	450	450	460	360
20			No load	mm/s	500	500	430	330
21	Performance	Overall length	Without forks	mm	2485	2560	2765	2810
22		Overall width	mm	1160		1230		
23		Mast height at maximum lift (with backrest)	mm	4030		4260		
24		Standard gantry height	mm	1995		2075		
25	Power	Tires	Front wheel		7.00-12-12PR		28 × 9-15-14PR	
26			Rear wheel		6.00-9-10PR		6.50-10-10PR	
27		Wheelbase	mm	1600		1760		
28		Tread	Front wheel/rear wheel	mm	970/970		1000/970	
29		Self weight	Without load	kg	3310	3680	4150	4550
30		lithium battery	Voltage		V	115V		115V
31			capacity	15%maximum climbing capacity is 15%	Ah	120Ah	120Ah	165Ah
32				20%maximum climbing capacity is 20%	Ah	/	/	/
33		Motor	Traveling		KW	15		15
34			Lifting		KW	15		15
35	Way of control							
36	Operating pressure		Mpa	18.5		18.5		
37	Maximum drawbar pull		KN	18	19	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-piece selector valve
- 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
- Combination taillight
- Lift/tilt lever
- Full hydraulic power steering
- Battery charger
- Brake
- Side mirror
- Rain cover of overhead guard
- Lift circuit governor 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
- Environment friendly solid tire
- Lamp bracket
- Deluxe seat
- Muffler arrester
- Rotating beacon
- 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														
										2-2.5t				3t				3.5t						
	Counterbalanced forklift truck									Forks (on the ground)	Fully extended		Mast tilt angle		Forks (on the ground)	Fully extended		Mast tilt angle		Forks (on the ground)	Fully extended		Mast tilt angle	
	2t		2.5t		3t		3.5t		With backrest		Without backrest	FR/RR		With backrest		Without backrest	FR/RR		With backrest		Without backrest	FR/RR		
mm	kg	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	°	°	mm	mm	mm	°	°	mm	mm	mm	°	°	
2000	2000	2000	2500	2500	3000	3000	3500	3500	1495	3030	2680	6/12	6/12	1575	3260	2730	8/10	8/10	1575	3230	2700	8/10	8/10	
2500	2000	2000	2500	2500	3000	3000	3500	3500	1745	3530	3180	6/12	6/12	1825	3760	3230	8/10	8/10	1825	3730	3200	8/10	8/10	
2700	2000	2000	2500	2500	3000	3000	3500	3500	1845	3730	3380	6/12	6/12	1925	3960	3430	8/10	8/10	1925	3930	3400	8/10	8/10	
3000	2000	2000	2500	2500	3000	3000	3500	3500	1995	4030	3680	6/12	6/12	2075	4260	3730	8/10	8/10	2075	4260	3730	8/10	8/10	
3300	2000	2000	2500	2500	3000	3000	3500	3500	2145	4330	3980	6/12	6/12	2225	4560	4030	8/10	8/10	2225	4530	4000	8/10	8/10	
3500	2000	2000	2500	2500	3000	3000	3500	3500	2245	4530	4180	6/12	6/12	2325	4760	4230	8/10	8/10	2325	4730	4200	8/10	8/10	
3600	2000	2000	2500	2500	3000	3000	3500	3500	2295	4630	4280	6/12	6/12	2375	4860	4330	8/10	8/10	2375	4830	4300	8/10	8/10	
3700	2000	2000	2500	2500	3000	3000	3500	3500	2345	4730	4380	6/6	6/12	2425	4960	4430	6/6	8/10	2425	4930	4400	6/6	8/10	
4000	2000	2000	2500	2500	3000	3000	3500	3500	2545	5030	4680	6/6	6/12	2625	5260	4730	6/6	8/10	2625	5230	4700	6/6	8/10	
4250	1900	2000	2100	2500	2600	3000	3300	3500	2670	5280	4930	6/6	6/12	2750	5510	4980	6/6	8/10	2750	5480	4950	6/6	8/10	
4500	1800	1900	1800	2400	2400	2900	3050	3500	2795	5530	5180	6/6	6/12	2875	5760	5230	6/6	6/6	2875	5730	5200	6/6	6/6	
5000	1300	1700	1300	2200	—	2850	2600	3150	3045	6030	5680	6/6	6/6	3125	6260	5730	6/6	6/6	3125	6230	5700	6/6	6/6	
5500	—	—	1500	—	—	—	—	—	2850	3345	6530	6180	—	—	3425	6760	6230	—	—	3425	6730	6200	—	—
6000	—	—	1300	—	—	—	—	—	3595	7030	6680	—	—	3675	7260	6730	—	—	3675	7230	6700	—	—	

BM 2-STAGE FULL FREE MAST

Lift height	Load capacity									Overall height of mast																				
										2-2.5t				3t					3.5t											
	Counterbalanced forklift truck									Forks (on the ground)	Fully extended		Free		Mast tilt angle		Forks (on the ground)	Fully extended		Free		Mast tilt angle		Forks (on the ground)	Fully extended		Free		Mast tilt angle	
	2t		2.5t		3t		3.5t		With backrest		Without backrest	With backrest	Without backrest	FR/RR		With backrest		Without backrest	With backrest	Without backrest	FR/RR		With backrest		Without backrest	With backrest	Without backrest	FR/RR		
mm	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	°	°
2000	2000	2000	2500	2500	3000	3000	3500	3500	1495	3030	2680	460	810	6/12	6/12	1575	3270	2740	315	845	8/10	8/10	1670	3270	2740	440	970	8/10	8/10	
2500	2000	2000	2500	2500	3000	3000	3500	3500	1745	3530	3180	710	1060	6/12	6/12	1825	3770	3240	565	1095	8/10	8/10	1920	3770	3240	690	1220	8/10	8/10	
2700	2000	2000	2500	2500	3000	3000	3500	3500	1845	3730	3380	810	1160	6/12	6/12	1925	3970	3440	665	1195	8/10	8/10	2020	3970	3440	790	1320	8/10	8/10	
3000	2000	2000	2500	2500	3000	3000	3500	3500	1995	4030	3680	960	1310	6/12	6/12	2075	4270	3740	815	1345	8/10	8/10	2170	4270	3740	940	1470	8/10	8/10	
3300	2000	2000	2500	2500	3000	3000	3500	3500	2145	4330	3980	1110	1460	6/12	6/12	2225	4570	4040	965	1495	8/10	8/10	2320	4570	4040	1090	1620	8/10	8/10	
3500	2000	2000	2500	2500	3000	3000	3500	3500	2245	4530	4180	1210	1560	6/12	6/12	2325	4770	4240	1065	1595	8/10	8/10	2420	4770	4240	1190	1720	8/10	8/10	
3600	2000	2000	2500	2500	3000	3000	3500	3500	2295	4630	4280	1260	1610	6/12	6/12	2375	4870	4340	1115	1645	8/10	8/10	2470	4870	4340	1240	1770	8/10	8/10	
3700	2000	2000	2500	2500	3000	3000	3500	3500	2345	4730	4380	1310	1660	6/12	6/12	2425	4970	4440	1165	1695	8/10	8/10	2520	4970	4440	1290	1820	6/6	8/10	
4000	2000	2000	2500	2500	2850	3000	3500	3500	2545	5030	4680	1510	1860	6/6	6/12	2625	5270	4740	1365	1895	6/6	8/10	2720	5270	4740	1440	1970	6/6	8/10	
4250	1900	2000	2100	2500	2600	3000	3300	3500	2670	5280	4930	1635	1985	6/6	6/12	2750	5520	4990	1490	2020	6/6	8/10	2845	5520	4990	1565	2095	6/6	8/10	
4500	1800	1900	1800	2400	2600	3000	3050	3500	2795	5530	5180	1760	2110	6/6	6/12	2875	5770	5240	1615	2145	6/6	6/6	2970	5770	5240	1690	2220	6/6	6/6	

CM 3-STAGE FULL FREE MAST

CM 3-Stage Full Free Mast	Load capacity									Overall height of mast																			
										2-2.5t				3t					3.5t					Mast tilt angle					
	Counterbalanced forklift truck									Forks (on the ground)	Fully extended		Free		Forks (on the ground)	Fully extended		Free		Forks (on the ground)	Fully extended		Free		FR/RR				
	2t		2.5t		3t		3.5t		With backrest		Without backrest	With backrest	Without backrest	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	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	°	°	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	°
3600	1900	1900	2400	2400	2900	3000	3400	3400	1745	4670	4320	750	1100	1800	4870	4340	570	1100	1800	4870	4340	570	1100	1800	4870	4340	570	1100	6/6
4000	1900	1900	2400	2400	2850	3000	3350	3400	1880	5070	4720	885	1235	1935	5270	4740	705	1235	1935	5270	4740	705	1235	1935	5270	4740	705	1235	6/6
4200	1850	1900	2400	2400	2800	3000	3300	3400	1945	5270	4920	950	1300	2000	5470	4940	770	1300	2000	5470	4940	770	1300	2000	5470	4940	770	1300	6/6
4350	1700	1900	2400	2400	2700	2900	3200	3400	1995	5420	5070	1000	1350	2050	5620	5090	820	1350	2050	5620	5090	820	1350	2050	5620	5090	820	1350	6/6
4500	1700	1800	1700	2300	2600	2800	3100	3300	2045	5570	5220	1050	1400	2100	5770	5240	870	1400	2100	5770	5240	870	1400	2100	5770	5240	870	1400	6/6
4800	1700	1800	1700	2300	2400	2700	2900	3200	2145	5870	5520	1150	1500	2200	6070	5540	970	1500	2200	6070	5540	970	1500	2200	6070	5540	970	1500	6/6
5000	1500	1750	1500	2250	2100	2350	2600	2900	2215	6070	5720	1220	1570	2265	6270	5740	1035	1565	2270	6270	5740	1035	1565	2270	6270	5740	1035	1565	6/6
5500	1200	1700	1200	2150	2000	2300	2500	2800	2330	6570	6220	1335	1685	2485	6770	6240	1255	1785	2485	6770	6240	1255	1785	2485	6770	6240	1255	1785	3/6
6000	800	1600	800	1800	1300	1950	1750	2500	2395	7070	6720	1400	1750	2650	7270	6740	1370	1900	2650	7270	6740	1370	1900	2650	7270	6740	1370	1900	3/6

LITHIUM BATTERY CAPACITY CONFIGURATION TABLE

Model	Battery size (mm) (L*W*H)	Capacity (Ah)	remarks
CPD20/25 Enjoyable model-115V	562 x 504 x 544	120Ah	Standard
CPD30/35 Enjoyable model-115V	610 x 515 x 484	165Ah	Standard

CHARGER MODEL CONFIGURATION TABLE

Charger model configuration table	Voltage	Model	remarks
115V50A	220V	CPD20/25(115V)	Standard
115V100A	380V	CPD30-35(115V)	Standard



MATERIAL HANDLING EXPERTS FROM AUTOMOTIVE QUALITY



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