



### No.2 Safe and reliable

◆ Engine electrical system adopts eater-proof connectors  
The imported water-proof connectors are more reliable.  
Water-proof grade Ip65

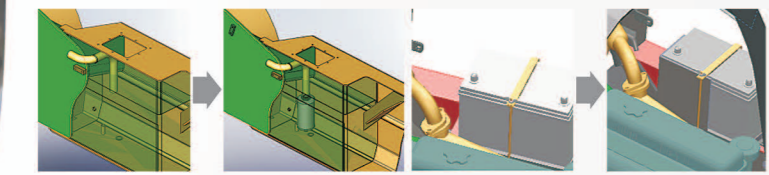
◆ Reliable sealing of oil tank cover  
The cover adopts flange sealing against leak.



◆ 24° cone+Oring  
The hydraulic system adopts the most advanced sealing.

◆ High quality hydraulic system  
The system is equipped with a return oil filter to improve reliability and service life.

◆ Battery insulation plate  
Insulation plates are provided between the battery and exhaust pipe for 2-3.5t internal combustion forklift to prolong service life of battery.



### No.3 High efficiency

◆ Spacious cab  
Ergonomics-based design ensures easy operation.

◆ Wide mast  
Wide mast broadens visual field.



### No.4 Easy for maintenance

◆ Early-warning of instruments service is provided  
Regular early-warning of instruments service realizes intelligent service.

◆ Large opening angle of engine hood  
The engine hood can be lifted to 80° for easy maintenance.



**MATERIAL HANDLING EXPERTS  
FROM AUTOMOTIVE QUALITY**



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H Series Internal Combustion Counterbalanced Forklift Truck

# JAC FORKLIFT

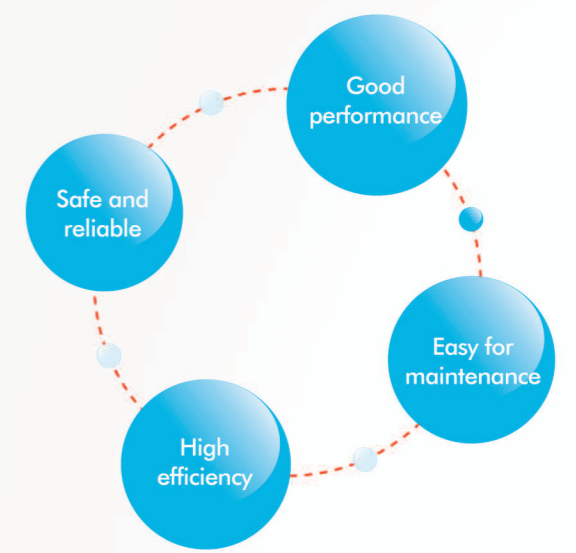
CPC10H / CPCD10H / CPC15H / CPCD15H / CPC18H / CPCD18H  
CPC20H / CPCD20H / CPC25H / CPCD25H / CPC30H / CPCD30H  
CPC35H / CPCD35H / CPC38H / CPCD38H / CPC40H / CPCD40H



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

### Selling Points Of H Series 1-4t Internal Combustion Counterbalanced Forklift Trucks

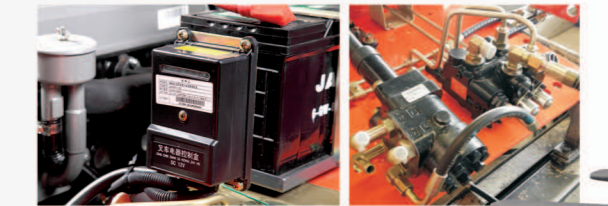
#### Four Highlights



#### No.1 Good performance

◆ Delayed power-off—The first in China

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



◆ Load sensing hydraulic system

Load-sensitive hydraulic system ensures the fork to lift with full load while the engine is running idly so as to reduce fuel consumption.

◆ Improved longitudinal stability of the forklift

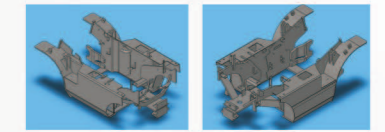
Stability is better than other products of same class.

◆ Strengthened chassis

Integrated design with strengthened tail stock ensures safer operation.

◆ Enhanced working unit

Lifting speed is improved by 5%.



◆ Three-gear drive mode

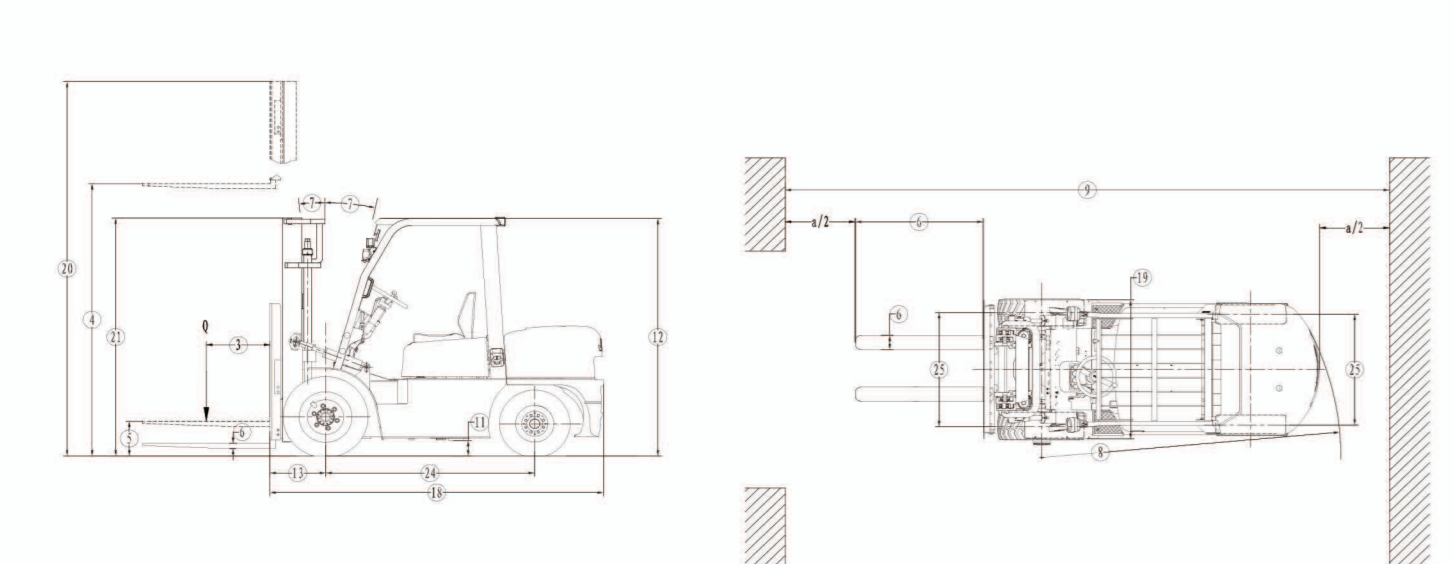
Mast, chains and oil tanks of 1-3.5t internal combustion forklift are enhanced for operation with heavy load.



SPECIFICATIONS

Model	CPGD10H				CPGD15H				CPGD18H				CPGD20H				CPGD25H				CPGD30H				CPGD35H				CPGD38H				CPGD40H				CPGD45H								
	Power type		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel										
1 Rated load	kg	1000	1500	1800	1000	1500	1800	2000	2500	2000	2500	2000	2500	3000	3500	3000	3500	3800	4000																										
2 Load center distance	mm	500				500				500				500				500				500				500				500				500				500							
3 Lift height	mm	3000				3000				3000				3000				3000				3000				3000				3000				3000				3000							
4 Front lift height	mm	155				165				170				175				180				185				190				195				200				205							
5 Fork size	L x W x T	920 x 100 x 40				1070 x 122 x 40				1070 x 125 x 40				1070 x 125 x 40				1070 x 125 x 40				1070 x 125 x 40				1070 x 125 x 40				1070 x 125 x 40				1070 x 125 x 40				1070 x 125 x 40							
6 Mast tilt angle	FR/R	6/12				6/12				6/12				6/12				6/12				6/12				6/12				6/12				6/12				6/12				6/12			
7 Minimum turning radius	mm	1880	1955	1985	1880	1955	1985	2170	2230	2170	2230	2550	2570	2550	2570	2835																													
8 Minimum right angle stacking	mm	3290	3365	3395	3290	3365	3395	3635	3695	3635	3695	4025	4045	4025	4045	4325																													
9 Minimum ground clearance	mm	2080	2155	2185	2080	2155	2185	2370	2430	2370	2430	2750	2770	2750	2770	3035																													
10 Minimum ground clearance	mm	110				110				110				110				110				110				110				110				110				110							
11 Height of overhead guard	mm	2050				2070				2090				2110				2140				2180				2220				2260				2300				2340							
12 Overhang(FR)	mm	410				465				520				575				630				685				740				795				850				905							
13 Maximum travel speed	km/h	14.6				18				19				19				19				19				19				19				19				19							
14 Maximum lift speed	mm/s	510				550				590				630				670				710				750				790				830				870							
15 Maximum lift capacity	KN	12	14	19	12	14	19	11.7	11.4	11.4	11.4	20	28	28	28	20.8																													
16 Overall length	mm	20				20				20				20				20				20				20				20				20				20				20			
17 Overall width	mm	1080				1160				1230				1310				1390				1470				1550				1630				1710				1790				1870			
18 Fork height at maximum lift	mm	3930				3944				4230				4220				4510				4500				4790				4780				5070				5060				5350			
19 Mast height	mm	2010				1995				2075				2120				2120				2125				2130				2135				2140				2145				2150			
20 Tires	Front wheel	6.50-10-10PR				7.00-12-12PR				28 x 9-15-14PR				250-15-16PR																															
21 Rear wheel	5.00-8-10PR				6.00-9-10PR				6.50-10-10PR				6.50-10-10PR				6.50-10-10PR																												
22 Wheelbase	mm	1400				1600				1760				1900				2040				2180				2320				2460				2600				2740				2880			
23 Front wheel/steering wheel	mm	891/920				970/970				1050/970				1130/970				1210/970				1290/970				1370/970				1450/970				1530/970				1610/970				1690/970			
24 Self weight	kg	2430	2790	2890	2430	2790	2890	3300	3660	3140	3680	4140	4460	4100	4420	5030	5070	5160	5200																										
25 Battery	Voltage/capacity	12/80				12/80				12/80				12/80				12/80				12/80				12/80				12/80				12/80				12/80				12/80			
26 Model	Xinchang 4N2G31	Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31				Xinchang 4N2G31			
27 Rated output	kW/r.p.m	36.8/2500				36.8/2500				36.8/2500				36.8/2500				36.8/2500				36.8/2500				36.8/2500				36.8/2500				36.8/2500				36.8/2500				36.8/2500			
28 Rated torque	Nm/r.p.m	131/1700-1900				156/1700-1900				156/1700-1900				174/1800-2000				185/1800																											
29 Bore x stroke	mm	85 x 105				90 x 105				95 x 105				98 x 105				100 x 105				105 x 105				110 x 105				115 x 105				120 x 105				125 x 105				130 x 105			
30 Number of cylinders		4				4				4				4				4				4				4				4				4				4				4			
31 Displacement	L	2.27				2.67				2.98				3.168				3.35				3.54				3.73				3.92				4.11				4.30				4.49			
32 Fuel tank capacity	L	49				55				61				67				73				79				85				91				97				103				109			
33 Tire type(FR/R)		Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic				Pneumatic			
34 Number of wheels(FR/R)	Pcs	2/2				2/2				2/2				2/2				2/2				2/2				2/2				2/2				2/2				2/2				2/2			
35 Lowering speed(full load)	mm/s	370				460				330				460				330				480				370				460				330				460				330			
36 Lowering speed(no load)	mm/s	640				900				430				330				450				450				450				450				450				450				450			
37 Axle load distribution/full	kg	2840/380	3640/520	4040/600	2840/380	3640/520	4040/600	4740/660	5470/805	4740/660	5470/805	6270/870	7015/945	6240/860	6980/940	7870/960	7890/980	8160/1100	8180/1020																										
38 Axle load distribution/rear	kg	1220/1020	1170/1490	1140/1750	1220/1102	1170/1490	1140/1750	1415/1340	1475/2305	1415/1340	1475/2305	1640/2500	1660/2800	1620/2448	1650/2277	2020/3031	2040/3030	2070/3039	2090/3110																										

Calculation of minimum right angle stacking aisle width: Pallet size: 1100mm×1100mm, total clearance(FR/RR):100mm



DIMENSIONAL DRAWING

2M WFOV BASIC MAST

Lift height	Load capacity																Overall height of mast																								
	1-1.8t								2-2.5t								3t								3.5t								4t								
	Forks(on the ground)		Fully extended		Without backrest		Mast tilt angle		Forks(on the ground)		Fully extended		Without backrest		Mast tilt angle		Forks(on the ground)		Fully extended		Without backrest		Mast tilt angle		Forks(on the ground)		Fully extended		Without backrest		Mast tilt angle										
2000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	1510	2930	2560	6/12	6/12	1495	2944	2594	6/12	6/12	1575	3230	2700	6/12	6/12	1620	3230	2700	6/12	6/12	1875	3722	3372	6/12	6/12
2500	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	1760	3430	3060	6/12	6/12	1745	3444	3094	6/12	6/12	1825	3730	3200	6/12	6/12	1870	3730	3200	6/12	6/12	1875	3722	3372	6/12	6/12
2700	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	1860	3630	3260	6/12	6/12	1495	2944	3294	6/12	6/12	1925	3930	3400	6/12	6/12	1970	3930	3400	6/12	6/12	1975	3922	3572	6/12	6/12
3000	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	2010	3930	3560	6/12	6/12	1745	3444	3594	6/12	6/12	2025	4230	3700	6/12	6/12	2120	4230	3700	6/12	6/12	2125	4220	3870	6/12	6/12
3300	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	2160	4230	3860	6/12	6/12	1845	4444	3894	6/12	6/12	2225	4530	4000	6/12	6/12	2270	4530	4000	6/12	6/12	2275	4520	4170	6/12	6/12
3500	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	2260	4430	4060	6/12	6/12	1995	3644	4094	6/12	6/12	2325	4730	4200	6/12	6/12	2370	4730	4200	6/12	6/12	2375	4720	4370	6/12	6/12
3600	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	2310	4530	4160	6/12	6/12	2145	3944	4194	6/12	6/12	2375	4830	4300	6/12	6/12	2420	4830	4300	6/12	6/12	2425	4820	4470	6/12	6/12
3700	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	2360	4630	4260	6/6	6/6	2245	4244	4294	6/6	6/6	2425	4930	4400	6/6	6/6	2470	4930	4400	6/6	6/6	2475	4920	4570	6/12	6/12
3750	1000	1000	1500	1500	1750	1750	2000	2000	2500	2500	3000	3000	3500	3500	4000	4000	2410	4730	4360	6/6	6/6	2345	4344	4394	6/6	6/6	2525	5030	450												