



**MATERIAL HANDLING EXPERTS
FROM AUTOMOTIVE QUALITY**



ISO 9001
ISO 14001
OHSAS 18001

JAC HEAVY DUTY IMPORT & EXPORT CO.,LTD

ADDRESS: No.2 SHANGHAI ROAD, BAOHE INDUSTRIAL PARK, HEFEI, ANHUI, CHINA

NZ DISTRIBUTOR:

Power Forklifts 2022 Limited

Phone: +64 9 838 0023

Web: www.jacforklifts.co.nz

Email: sales@powerforklifts.co.nz



JAC FORKLIFT

J Series Internal Combustion
Counterbalanced Forklift Truck

CPCD50J / CPCD60J / CPCD70J / CPCD80J / CPCD100J / CPCD120J



JAC HEAVY DUTY IMPORT & EXPORT CO.,LTD

Selling Points Of J Series 5-12t Internal Combustion Counterbalanced Forklift Trucks



J Series 5-8T



J Series 10T

No.1 Good performance

- Electro-hydraulic reversing gearbox, easy for operation; CPCD120 with multi-plate clutch, stable performance



- Low-loss multi way valve application, lifting system efficiency increasing by 10%, oil temperature decreasing by 12 °C



- Hydraulic pipeline using 24° cone + O-ring double seal, high reliability



- Reinforced drive axle, more suitable for harsh working conditions



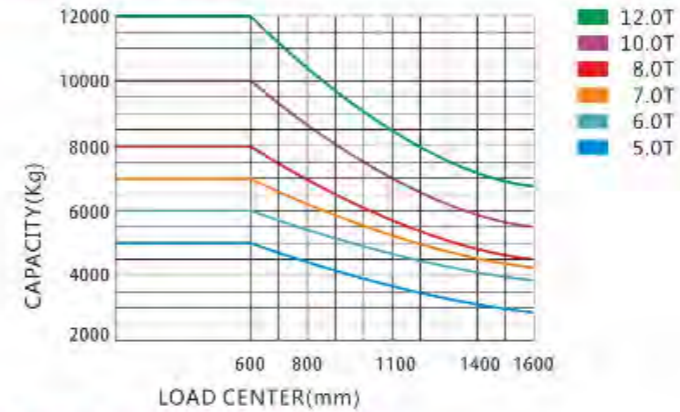
- A protective sleeve is added to the steering cylinder to reduce the external force damage of the cylinder



- A hydraulic oil cooler is added on 12ton main oil return circuit, reducing the hydraulic oil temperature and reducing the failure rate

- The 12-ton hydraulic oil tank side round flange is sealed with O-ring to prevent leakage

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

- Torque converter dipstick
- Standard forks
- Standard seat
- Charging indication
- Backrest
- Backup light
- Back-up buzzer
- Side mirror
- Light switch
- Lamp bracket
- Electric horn
- 2-piece selector valve
- Engine choke
- Direction switch
- Combination taillight
- Rain cover of overhead guard
- Durable rib tire
- Hour meter
- neutral gear indication
- Air cleaner clogging alarm
- neutral gear indication
- Air cleaner clogging alarm
- WFOV mast
- Cable type parking brake
- Lift/tilt lever
- Lift circuit governor valve
- Drawbar pin
- Headlight
- Tilt adjustable steering wheel
- Tilt circuit self-locking valve
- Full hydraulic power steering
- Overhead air intake system
- Handle
- Hand brake switch
- Coolant temperature gauge
- Tool kit
- Overhead headlight
- Rubber pedal pad
- Battery
- Cyclone air cleaner
- Pointer type instrument cluster
- LCD instrument cluster
- Hydraulic return filter element
- Hydraulic suction filter element
- Hydraulic oil scale
- Oil pressure alarm
- Key switch
- Brake
- Turn signal light

OPTIONS EQUIPMENT

- Various attachments
- 2-3 stage full free mast
- Deluxe seat
- High exhaust
- Lengthened forks
- Lengthened fork cover
- Cab
- Cab heater
- Cab air condition
- Solid tire
- Double air filter
- Rotating beacon
- Small fan

ENGINE TYPE SELECTION AND PARAMETERS

NO.	Manufacturer	Power type	Model	Number of cylinders	Bore x stroke mm	Total displacement L	Rated output		Emission standard	Applicable forklift type						Remarks
							kW/p.m	HP/p.m		CPCD50	CPCD60	CPCD70	CPCD80	CPCD100	CPCD120	
1	Xinai,China	Diesel	CA4DPS	4	110*125	4.75	85/2200	160/1100-1500	National Stage II							
2	Xinai,China	Diesel	CA6DPS	6	110*125	7.12	118/2200	640/1300-1700	National Stage II							
3	Yuchai,China	Diesel	YC4A125-1310	4	108*132	4.887	88/2200	480/1400-1700	National Stage II							
4	Cummins, USA	Diesel	C6F3.8	4	102*115	3.8	86/2200	470/1100-1700	National Stage II							
5	PSI,USA	Dual fuel	PS14.3	6	101*88	4.3	LPG: 76/2300 Gasoline: 70/2900	LPG: 324/1700 Gasoline: 287/1700								

SPECIFICATION TABLE OF FORKS

	Standard L x W x T mm	Length L mm										Applicable forklift	Installation grade
		1220	1370	1520	1670	1820	1970	2120	2270	2420	2570		
W mm	150	150	150	150	150	150	150	150	150	150	150	5-6t	IV
T mm	80	80	80	80	80	80	80	80	80	80	80		
W mm	150	150	150	150	150	150	150	150	150	150	150	7t	IV
T mm	70	70	70	70	70	70	70	70	70	70	70		
W mm	150	150	150	150	150	150	150	150	150	150	150	8t	IV
T mm	90	80	80	80	85	85	85	85	90	95	95		
W mm	175	175	175	175	175	175	175	175	175	175	175	10t	V
T mm	90	85	85	85	85	85	85	85	88	88	88		
W mm	175	175	175	175	175	175	175	175	175	175	175	12t	
T mm	80	85	85	85	85	85	85	85	88	88	88		

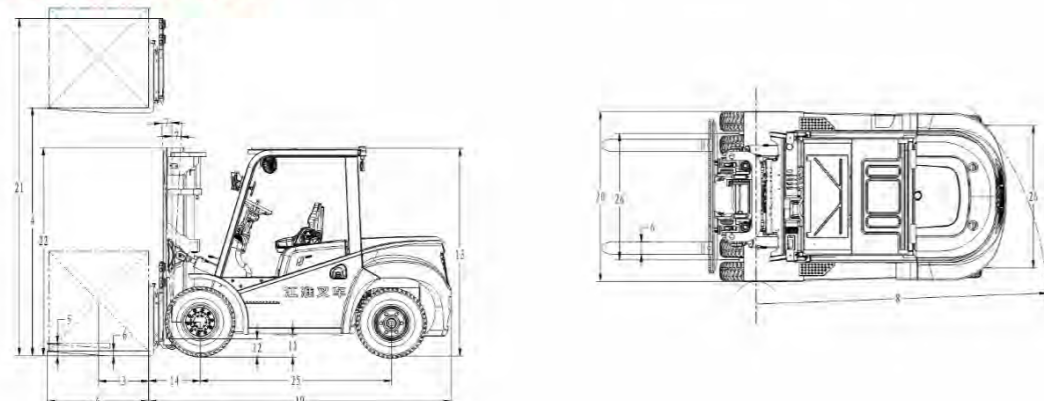
Note: *is standard configuration

SPECIFICATIONS

Model		CPCD50J	CPCD60J	CPCD70J	CPCD80J	CPCD100J	CPCD120J		
1	Power type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel		
2	Rated load	kg 5000	6000	7000	8000	10000	12000		
3	Load center distance	mm 600	600	600	600	600	600		
4	Lift height	mm 3000	3000	3000	3000	3000	3000		
5	Free lift height	mm 172	172	182	182	150	85		
6	Fork size	L x W x T	1220 x 150 x 60	1220 x 150 x 60	1220 x 150 x 70	1220 x 150 x 80	1370 x 175 x 85	1820 x 175 x 85	
7	Mast tilt angle	FR/RR	8/10	8/10	8/10	8/10	8/10	8/10	
8	Minimum turning radius	mm	3580	3580	3580	3580	4280	4350	
9	Minimum right angle stacking aisle width	mm	5490	5490	5500	5500	6307	8250	
10	Minimum right angle aisle width	mm	3670	3670	3670	3670	4140	3877	
11	Minimum ground clearance	Frame center(no load)	mm 250	250	250	250	340	406	
12		Mast Bottom (no load)	mm 185	185	185	207	232	260	
13	Height of overhead guard	mm	2500	2500	2500	2500	2600	2650	
14	Overhang (FR)	mm	610	610	620	640	727	756	
15	Maximum travel speed	Full load	km/h 22	22	22	22	20	26	
		No load	km/h 25	25	25	25	24	28	
16	Maximum lift speed	Full load	mm/s 460	460	460	400	350	286	
		No load	mm/s 520	520	520	430	370	305	
17	Maximum drawbar pull	Full load	KN 53	53	53	53	60	112	
18	Maximum gradeability	%	30	28	22	20	20	20	
19	Overall length	Without forks	mm 3630	3630	3640	3640	4252	4528	
20	Overall width	mm	2045	2045	2045	2045	2268	2350	
21	Mast height at maximum lift (with backrest)	mm	4415	4415	4415	4415	4280	4655	
22	Mast lowered height	mm	2510	2510	2510	2510	2845	3230	
23	Tires	Front wheel	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-18PR	9.00-20-14PR	10.00-20-18PR	
		Rear wheel	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-18PR	9.00-20-14PR	10.00-20-18PR	
24	Wheelbase	mm	2300	2300	2300	2300	2800	2950	
25	Tread	Front wheel/rear wheel	mm 1520/1700	1520/1700	1520/1700	1520/1700	1600/1700	1674/1890	
26	Self weight	Without load	Kg 8760	9530	9970	10300	13640	16000	
27	Battery	V/Ah	24/160						
29	Engine	Model	YC4A125-T300	YC4A125-T300	YC4A125-T300	YC4A125-T300	YC4A125-T300	CA6DF3/YCA07160-T300	
30		Rated output	kw/r.p.m	92/2200	92/2200	92/2200	92/2200	92/2200	118/2200 /118/2200
31		Rated torque	Nm/r.p.m	480/1600-1800	480/1600-1800	480/1600-1800	480/1600-1800	480/1600-1800	640/1300-1700 /650/1300-1600
32		Bore x stroke	mm	108 x 132	108 x 132	108 x 132	108 x 132	108 x 132	110 x 125 /108 x 125
33		Number of cylinders		4	4	4	4	4	6
34	Displacement	L	4.837	4.837	4.837	4.837	4.837	7.12/6.87	
35	Fuel tank capacity	L	200	200	200	200	200	215	
36	Transmissions (FWD/RWD)		2/2 electro-hydraulic directional valve						
37	Operating pressure	Mpa	19.5						
38	Tire type (FR/RR)		Pneumatic						
39	Number of wheels (FR/RR)		4/2						
40	Lowering speed (full load)	mm/s	460	460	460	500	410	383	
41	Lowering speed (no load)	mm/s	350	350	350	350	320	330	
42	Axle load distribution (full load) (FR/RR)	kg	—		13870/2150	—		21400/2420	25175/2825
43	Axle load distribution (no load) (FR/RR)	kg	—		3990/5840	—		6160/7480	6435/9565

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

DIMENSIONAL DRAWING



No.2 Safe and reliable

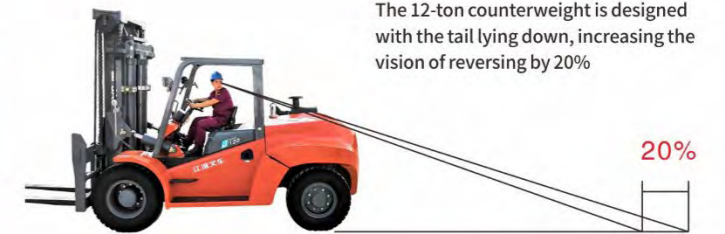
- Optional cabin with large operating space



- Ratchet-type parking brake for easy operation
- Three-layer parallel composite radiator, the heat dissipation effect is increased by 15%



- 12-ton heavy-duty structural wide-view mast



- High-strength integral roof, rainproof and sun-proof, more suitable for outdoor operation



- Refueling structure combined gasket seal to prevent leakage



No.4 Easy maintenance

- Intelligent instrument, Live preview of vehicle operation information
- Balanced weight net for better protection



No.3 Comfortable driving

- Integral dashboard, beautiful and generous



- Central integrated electrical control box, low failure rate and convenient maintenance



- Large-capacity fuel tank, longer working time for a single refueling

