



Guangxi LiuGong Machinery Co.,Ltd.
No. 1 Liutai Road, Liuzhou, Guangxi.
545007

PR China

T: +86 0772 3886124

E: overseas@liugong.com

www.liugong.com

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CPCD15-18

FORKLIFT



TOUGH WORLD. TOUGH EQUIPMENT.

MAXIMIZE YOUR RETURN ON INVESTMENT

LiuGong's **customer-driven** design and **quality-focused** engineering creates lasting value that will deliver to your bottom line.

DEPENDABLE POWER

Unmatched performance driven by the World-Class Engine.



ERGONOMIC

Widen operating space and reasonable design can give the operator better experience.



COMFORTABLE

The full hydraulic steering system allows for smooth steering in an ergonomic seating posture, hence improved operator's comfort.



HIGH EFFICIENCY

Newly optimized hydraulic system provides excellent lifting speed, assisting you to finish work efficiently and safely.

GOOD VIEW

The mast and overhead guard are designed for wider view, as well as operator's comfort and safety.



MAINTAINING

The engine hood with big angle for easy to maintain.



PARTS

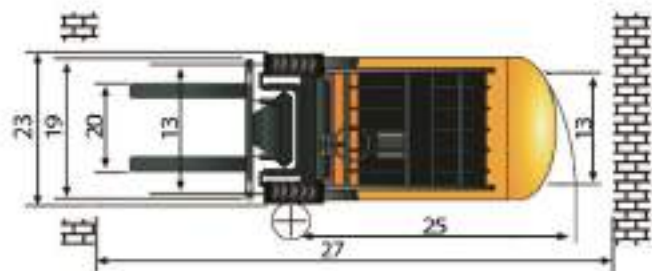
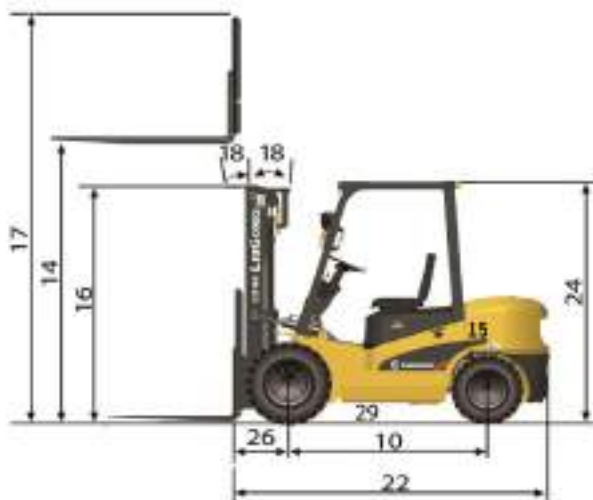
Using genuine LiuGong parts is key to keeping your costs low and your machine in top working order. Our extensive support network is always there when you need it, to maximize your business profitability.

AFTER SALES SERVICE

As a customer of LiuGong you can feel confident that our dealers and regional offices will be there to support you with training, service and maintenance needed throughout the life of your machine.

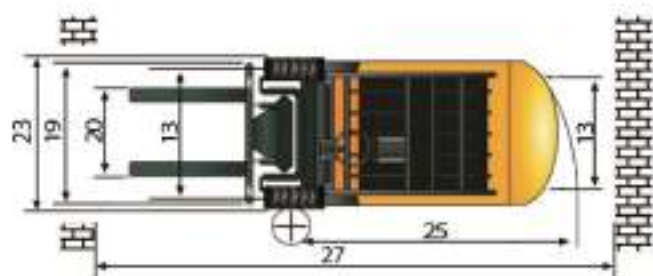
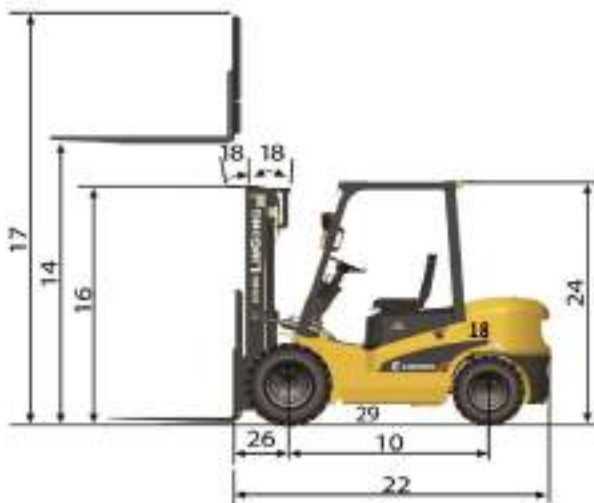
SPECIFICATION

General	Model	1			CPCD15	CPCD15	
	Power Type	2			Diesel	GAS / LPG	
	Base Capacity	3	@rated load center	kg	1,500	1,500	
	Load Center	4		mm	500	500	
Weights	Service Weight	5	unloaded	kg	2,700	2,700	
	Axle Load	6	loaded / unloaded, front	kg	3,680 / 1,030	3,680 / 1,030	
		7	loaded / unloaded, rear	kg	520 / 1,670	520 / 1,670	
Tires	Tire Type	8			Pneumatic	Pneumatic	
	Wheels	9	front / rear		2 / 2	2 / 2	
	Wheelbase	10		mm	1,430	1,430	
	Tire Size	11	front		6.50-10-10PR	6.50-10-10PR	
		12	rear		5.00-8-8PR	5.00-8-8PR	
	Tread Width	13	front / rear		890 / 910	890 / 910	
Mast	Max. Fork Height	14	with std 2-stage mast	mm	3,000	3,000	
	Free lift	15	with std 2-stage mast	mm	130	130	
	Height, Upright Lowered	16	with std 2-stage mast	mm	2,040	2,040	
	Height, Upright Extended	17	with std 2-stage mast	mm	4,030	4,030	
	Mast Tilt, Fwd/Back	18	with std 2-stage mast	deg	6° / 12°	6° / 12°	
	Carriage	19	width	mm	970	970	
	Fork Spread	20	minimum / maximum	mm	202 / 970	202 / 970	
	Fork Dimensions	21	T x W x L	mm	35x 100 x 920	35x 100 x 920	
Chassis	Length to Fork Face	22	with std 2-stage mast	mm	2,330	2,330	
	Overall Width	23		mm	1,080	1,080	
	Overhead Guard Height	24		mm	2,070	2,070	
	Turning Radius	25	minimum outside	mm	1,950	1,950	
	Fork Overhang	26	with std 2-stage mast	mm	433	433	
	Right Angle Stack	27	add load length and clearance	mm	3,490	3,490	
	Ground Clearance	28	minimum loaded	mm	80	80	
		29	center of wheelbase	mm	120	120	
Performance	Travel Speed	30	loaded / unloaded	km/h	15 / 15	15 / 15	
	Lift Speed	31	loaded / unloaded	m/s	0.53 / 0.55	0.53 / 0.55	
	Lower Speed	32	loaded / unloaded	m/s	0.50 / 0.45	0.50 / 0.45	
	Max. Drawbar Pull	33	loaded	kg	1,700	1,700	
	Max. Gradeability	34	loaded / unloaded	%	20 / 20	20 / 20	
Systems	Brakes	35	service		Foot / Hyd	Foot / Hyd	
		36	parking		Hand / Mech	Hand / Mech	
		37	manufacturer		Xinchai	Yanmar	Nissan
	Engine	38	model		NC485BPG-2	4TNE92-HRJ	K21
		39	emission compliance		CHN Stage II	EU Stage IIIA	N/A
		40	cylinders		4	4	4
		41	displacement	liters	2.27	2.66	2
		42	rated power	kW/rpm	30 / 2,600	32.8 / 2,450	31.2 / 2,250
		43	Max. torque	N · m/rpm	131 / 1,900	140 / 1,700	142.7 / 1,600



SPECIFICATION

General	Model	1			CPCD18	CPCD18
	Power Type	2			Diesel	GAS/LPG
	Base Capacity	3	@rated load center	kg	1,800	1,800
	Load Center	4		mm	500	500
Weights	Service Weight	5	unloaded	kg	2,920	2,920
	Axle Load	6	loaded / unloaded, front	kg	4,130 / 1,000	4,130 / 1,000
		7	loaded / unloaded, rear	kg	590 / 1,920	590 / 1,920
Tires	Tire Type	8			Pneumatic	Pneumatic
	Wheels	9	front / rear		2 / 2	2 / 2
	Wheelbase	10		mm	1,430	1,430
	Tire Size	11	front		6.50-10-10PR	6.50-10-10PR
		12	rear		5.00-8-8PR	5.00-8-8PR
	Tread Width	13	front / rear		890 / 910	890 / 910
Mast	Max. Fork Height	14	with std 2-stage mast	mm	3,000	3,000
	Free lift	15	with std 2-stage mast	mm	130	130
	Height, Upright Lowered	16	with std 2-stage mast	mm	2,040	2,040
	Height, Upright Extended	17	with std 2-stage mast	mm	4,030	4,030
	Mast Tilt, Fwd/Back	18	with std 2-stage mast	deg	6° / 12°	6° / 12°
	Carriage	19	width	mm	970	970
	Fork Spread	20	minimum / maximum	mm	202 / 970	202 / 970
	Fork Dimensions	21	T x W x L	mm	35x 100 x 920	35x 100 x 920
Chassis	Length to Fork Face	22	with std 2-stage mast	mm	2,370	2,370
	Overall Width	23		mm	1,080	1,080
	Overhead Guard Height	24		mm	2,070	2,070
	Turning Radius	25	minimum outside	mm	1,990	1,990
	Fork Overhang	26	with std 2-stage mast	mm	433	433
	Right Angle Stack	27	add load length and clearance	mm	3,550	3,550
	Ground Clearance	28	minimum loaded	mm	80	80
		29	center of wheelbase	mm	120	120
Performance	Travel Speed	30	loaded / unloaded	km/h	15 / 15	15 / 15
	Lift Speed	31	loaded / unloaded	m/s	0.53 / 0.55	0.53 / 0.55
	Lower Speed	32	loaded / unloaded	m/s	0.50 / 0.45	0.50 / 0.45
	Max. Drawbar Pull	33	loaded	kg	1,700	1,700
	Max. Gradeability	34	loaded / unloaded	%	20 / 20	20 / 20
Systems	Brakes	35	service		Foot / Hyd	Foot / Hyd
		36	parking		Hand / Mech	Hand / Mech
		37	manufacturer		Xinchai	Yanmar
		38	model		NC485BPG-2	4TNE92-HRJ
	Engine	39	emission compliance		CHN Stage II	EU Stage IIIA
		40	cylinders		4	4
		41	displacement	liters	2.27	2.66
		42	rated power	kW/rpm	30 / 2,600	32.8 / 2,450
		43	Max. torque	N · m/rpm	131 / 1,900	140 / 1,700
		43				142.7 / 1,600

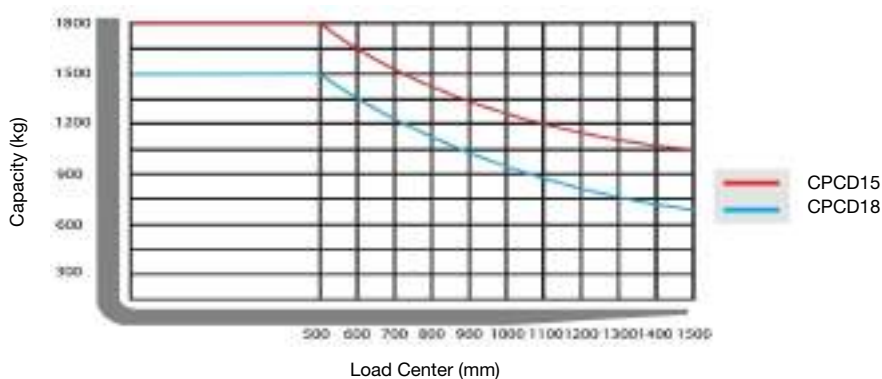


CAPACITY

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Free Lift with Load Backrest	Mast Tilt Angle (F/B)	Rated Load Capacity				Total Weight with Standard Forks	
					With Standard Forks		With Sideshifter			
					CPCD15	CPCD18	CPCD15	CPCD18	CPCD15	CPCD18
	mm	mm	mm	degree	kg @ (500mm LC)		kg @ (500mm LC)		Kg	
Standard 2-Stage	3000	2030	135	6 / 12	1500	1800	1400	1700	2700	2920
	3300	2180	135	6 / 12	1500	1800	1400	1700	2715	2935
	3500	2280	135	6 / 12	1500	1800	1400	1700	2725	2945
	4000	2580	135	6 / 6	1500	1800	1350	1650	2756	2976
	4500	2830	135	6 / 6	1370	1670	1200	1500	2781	3001
	5000	3130	135	3 / 6	1100	1400	1000	1300	2806	3026

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Free Lift with Load Backrest*	Mast Tilt Angle (F/B)	Rated Load Capacity				Total Weight with Standard Forks	
					With Standard Forks		With Sideshifter			
					CPCD15	CPCD18	CPCD15	CPCD18	CPCD15	CPCD18
	mm	mm	mm	degree	kg @ (500mm LC)		kg @ (500mm LC)		Kg	
Full Free 2-Stage	3000	2030	1095	6 / 12	1500	1800	1400	1700	2720	2940

Mast type	Maximum Fork Height (MFH)	Mast Overall Lowered Height (OAL)	Free Lift with Load Backrest*	Mast Tilt Angle (F/B)	Rated Load Capacity				Total Weight with Standard Forks	
					With Standard Forks		With Sideshifter			
					CPCD15	CPCD18	CPCD15	CPCD18	CPCD15	CPCD18
	mm	mm	mm	degree	kg @ (500mm LC)		kg @ (500mm LC)		Kg	
Full Free 3-Stage	3600	1730	790	6 / 6	1400	1700	1300	1600	3095	3725
	4500	2030	1095	6 / 6	1300	1600	1200	1500	3170	3760
	4800	2135	1200	6 / 6	1200	1500	1100	1400	3200	3780



Note:
 Vertical axle stands for load capacity while horizontal axle stands for load center, Load center is the distance counted from the front of the fork.,The base point of the standard load is the center point of the cubic with the same 1000mm dimension in length, width and height. The load capacity should be down if mast tilt forward or using non-standard forks of loading goods with extra width. Please realize the different load capacity between different load centers according to load chart.

STANDARD CONFIGURATION

POWER SYSTEM

- Xinchai NC485BPG diesel engine
- One-speed automatic transmission
- High strength drive axle
- Reliable steering axle
- Air filter with dual-elements
- Fuel system pre-filter
- Radiator
- Low exhaust

HYDRAULIC SYSTEM

- 2-funtion hydraulic valve
- Hydrostatic steering
- Oil filter for intake and return

ELECTRIC SYSTEM

- 1 batteries
- Front flood lights
- Front steering lights
- Rear combination lights
- Buzzer for back off

UNDERCARRIAGE

- High strength frame
- 1 piece counterweight
- Tow pin
- Air filled pneumatic drive tires
- Air filled pneumatic steer tires

MAST

- 3.0M Standard 2-stage mast
- 970mm Wide Class II carriage
- Load backrest
- 920mm long Class II pallet forks

OPERATOR STATION

- Overhead guard
- Locks for engine hood
- Vinyl cushion seat with seat belt
- Ignition lock
- Display with alarms, fuel rate, water temperature, working hour
- Tilt steering column
- Inching, brake and accelerator pedals
- Hand parking
- Floor mat

OPTIONAL CONFIGURATION

POWER SYSTEM

- Yanmar 4TNE92 diesel engine
- Nissan K21 engine (Gas/LPG)
- Elevated air pre-cleaner
- 2nd refined air filter
- Middle exhaust
- Vertical exhaust

HYDRAULIC SYSTEM

- 3-funtion hydraulic valve

ELECTRIC SYSTEM

- Rear working light
- Amber warning light
- License plate light

UNDERCARRIAGE

- Solid pneumatic drive tires
- Solid pneumatic steer tires

MAST

- Full free 2-stage mast
- Full free 3-stage mast
- Longer Class II pallet forks

OPERATION STATION

- Enclosed cabin
- Heater for cabin
- Operator fan
- Cup holder
- Fire extinguisher
- Expansion tank
- Anti-corrosion lifting and tilting cylinde
- Protective cover for tilt cylinde
- Oil-water separator (for Xinchai engine only)
- Master key
- Hydraulic electronic shifting
- Electronic of power off (for Xinchai engine only)
- Half-suspension vinyl seat(tiancheng)
- Grammer full-suspension vinyl seat