



2.0-3.5 T

T series Gasoline / LPG Forklift





◎低燃料成本，大约每日节约柴油成本的 1/2，经济效益显著。使用 LPG 燃料时，不会出现雾化和积碳，发动机润滑状态好，大大降低发动机的维护费用。双燃料，叉车工作时间提高，利于多班制作业。

Up to 50% daily savings compared to diesel. LPG prevents atomization and carbon buildup, keeps the engine well-lubricated, and reduces maintenance. Dual-fuel for longer work hours and smooth multi-shift operation.



◎采用美国 IMPCO 公司转换装置，性能安全可靠。比例式混合器始终向发动机提供最佳空燃比的。易启动、性能稳定、经济性强。

Featuring the IMPCO conversion system from the USA for safe, reliable and efficient performance. The proportional mixer ensures optimal air-fuel ratio, easy starts, and stable, economical operation.



◎尼桑、久保田、PSI 等大品牌进口发动机可供选择，低排放、低噪音等级。三元催化转化器可以提供精确的控制性能和优异的燃油使用性能。

Nissan, Kubota and PSI top-brand Gasline / LPG engines featuring low emission and low noise level for option. The three way catalytic converter ensures precise control and excellent fuel efficiency.

◎机罩超大开合角度，大大提高维修保养时的可视范围，提升维修人员作业效率。

The engine hood features an extra-wide opening angle, significantly improving visibility and efficiency during maintenance.

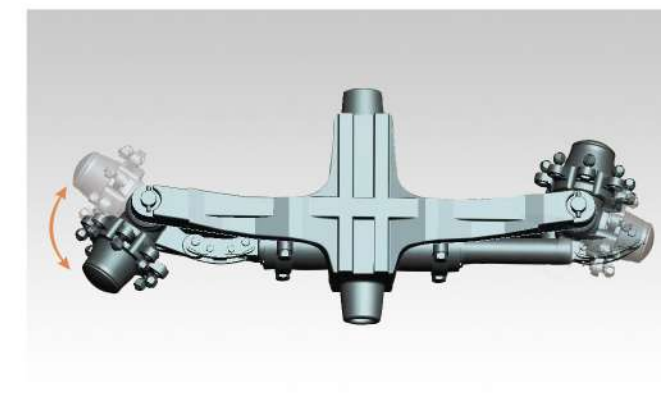


◎底板面积加大，为高大驾驶员提供更佳的驾乘舒适性与操作空间。

The enlarged floor area offers improved comfort and workspace for operators of larger stature.

◎配备铸造转向桥，结构紧凑，受载变形小，防尘防水，提高整机使用寿命和可靠性。

Equipped with casting steering axle. The compact structure featuring small deflection under load, as well as dust-proof and water-proof design enhance the machine's durability and reliability.





TECHNICAL DATAS											
General											
1.01	Model			CPQD20T	CPQYD20T	CPQD25T	CPQYD25T	CPQD30T	CPQYD30T	CPQD35T	CPQYD35T
1.02	Rated capacity	Q	Kg	2000		2500		3000		3500	
1.03	Load center distance	C	mm	500		500		500		500	
1.04	Power type			LPG / Gasoline		LPG / Gasoline		LPG / Gasoline		LPG / Gasoline	
1.05	Driving type			Seated		Seated		Seated		Seated	
1.06	Wheel base	L1	mm	1600		1600		1700		1700	
Tyres											
2.01	Tyre type			Pneumatic		Pneumatic		Pneumatic		Pneumatic	
2.02	Wheel number (front/rear)			2X / 2		2X / 2		2X / 2		2X / 2	
2.03	Front tread	W3	mm	970		970		1000		1000	
2.04	Rear tread	W2	mm	970		970		970		970	
2.05	Tyre (front)			7.00-12-12PR		7.00-12-12PR		28X9-15-12PR		28X9-15-12PR	
2.06	Tyre (rear)			6.00-9-10PR		6.00-9-10PR		6.50-10-10PR		6.50-10-10PR	
Size											
3.01	Front overhang	L2	mm	469		469		487		489	
3.02	Mast tilting angle, front/rear	α/β	°	6/12		6/12		6/12		6/12	
3.03	Height with mast retraction	H1	mm	2000		2000		2065		2180	
3.04	Free lifting height	H3	mm	150		150		150		150	
3.05	Max. lifting height	H	mm	3000		3000		3000		3000	
3.06	Max. height after lifting	H2	mm	4030		4030		4242		4237	
3.07	Overhead guard height	H4	mm	2070		2070		2090		2090	
3.08	Fork size: length x width x thickness	L x W x T	mm	1070x 100x 40		1070 x 120 x 40		1070 x 122 x 45		1070 x 122 x 50	
3.09	Overall length (fork excluded)	L'	mm	2505		2575		2720		2750	
3.10	Overall width	W1	mm	1150		1150		1220		1220	
3.11	Turning radius	r	mm	2170		2240		2460		2500	
3.12	Ground clearance of mast	H5	mm	110		110		120		120	
3.13	Ground clearance of wheel base center (loaded)	H6	mm	150		150		160		160	
3.14	Lateral fork adjustment Max./Min.	W5	mm	1024/200		1024/200		1060/250		1060/250	
Performance											
4.01	Travelling speed (loaded/unloaded)		km/h	17/19		17/19		18/19		18/19	
4.02	Lifting speed (loaded/unloaded)		mm/s	530/550		530/550		470/520		370/400	
4.03	Lowering speed (loaded/unloaded)		mm/s	450/550		450/550		450/550		350/400	
4.04	Gradeability (loaded/unloaded)		%	27/25		23/18		22/18		20/16	
4.05	Max. traction force (loaded/unloaded)		KN	19/14		19/15		18/14		19/14	
Weight											
5.01	Total weight		Kg	3270		3630		4300		4550	
5.02	Axle load (unloaded), front/rear		Kg	1470/1800		1400/2230		1600/2700		1710/2840	
5.03	Axle load (loaded), front/rear		Kg	4655/615		5385/745		6385/915		7130/920	
Combustion engine											
6.01	Engine manufacturer /Model			GQ4Y		GQ4Y		NISSAN GK25		NISSAN GK25	
6.02	Rated power /Speed		Kw/rpm	46/2800 (GAS) 39/2800 (LPG)		46/2800 (GAS) 39/2800 (LPG)		37.4/2300 (GAS) 35/2300 (LPG)		37.4/2300 (GAS) 35/2300 (LPG)	
6.03	Max. torque /Speed		Nm/rpm	168/1800 (GAS) 156/1800 (LPG)		168/1800 (GAS) 156/1800 (LPG)		176.5/1600 (GAS) 176/1600 (LPG)		176.5/1600 (GAS) 176/1600 (LPG)	
6.04	Cylinder number -bore×stroke			4-91×86		4-91×86		4-89×100		4-89×100	
6.05	Engine displacement		L	2.237		2.237		2.488		2.488	
6.06	Emission			Stage II		Stage II		Stage II		Stage II	
Transmission											
7.01	Transmission gears (front/rear)			1-1 Power Shift		1-1 Power Shift		1-1 Power Shift		1-1 Power Shift	
7.02	Fuel tank capacity		L	60		60		60		60	
Additional data											
8.01	Service brake / parking brake			Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical	
8.02	Hydraulic system working pressure		Mpa	17.5		17.5		17.5		17.5	

WIDE VIEW MAST

Mast model	Max.lifting height (mm)	Load capacity (kg) (load center 500mm)				Mast overall height (mm)			Mast tilting angle° (front/rear)	
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3-3.5t
M300	3000	2000	2500	3000	3500	1995	2065	2120	6/12	6/12
M330	3300	2000	2500	3000	3500	2145	2215	2270	6/12	6/12
M350	3500	2000	2500	3000	3500	2245	2315	2370	6/12	6/12
M370	3700	2000	2500	3000	3500	2345	2415	2470	6-6 *6-6	6-6 *6-12
M400	4000	2000	2500	3000	3300 *3500	2545	2615	2670	6-6 *6-6	6-6 *6-12
M450	4500	1600 *1900	2100 *2400	2600 *3000	2900 *3100	2795	2865	2920	6-6 *6-6	6-6 *6-12
M500	5000	1200 *1700	1600 *1900	2100 *2850	2400 *2750	3045	3115	3170	6-6 *6-6	6-6 *6-6
M550	5500	950 *1500	1200 *1700	1650 *2400	1800 *2500	3345	3415	3470	*3-6	*3-6
M600	6000	700 *1200	900 *1400	1200 *2100	1400 *2300	3595	3665	3720	*3-6	*3-6

WIDE VIEW FULL FREE 2-STAGE MAST

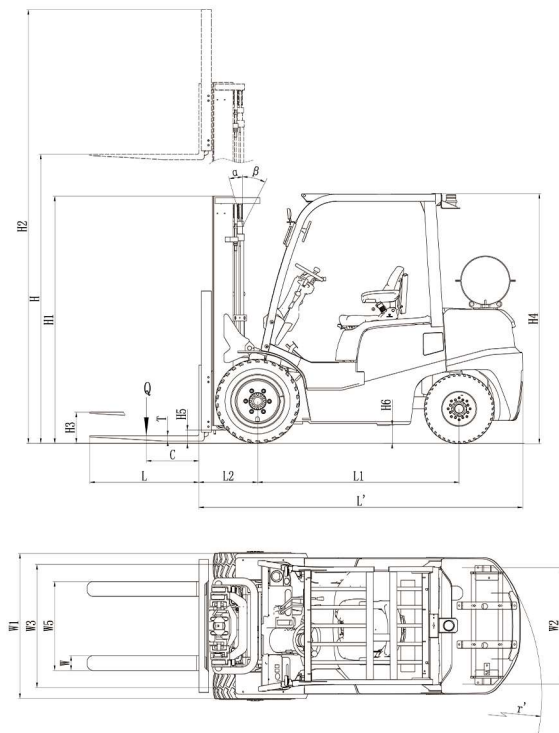
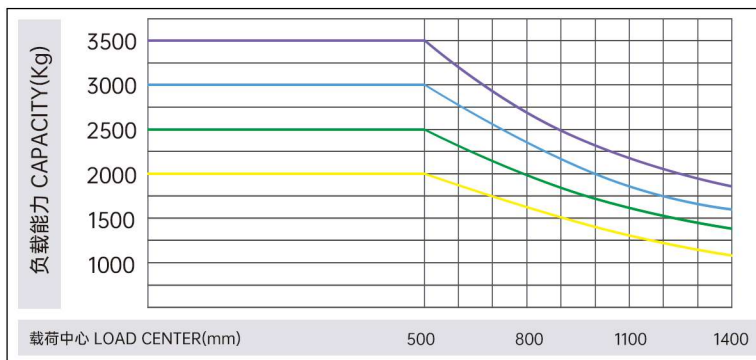
Mast model	Max.lifting height (mm)	Load capacity (kg) (load center 500mm)				Mast overall height (mm)			Free lifting height (with backrest)			Mast tilting angle° (front/rear)	
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3-3.5t
ZM300	3000	2000	2500	3000	3500	1995	2065	2095	995	825	870	6/12	6/12
ZM350	3500	2000	2500	3000	3500	2245	2315	2345	1245	1075	1120	6-6 *6-12	6/12
ZM400	4000	2000	2500	2700 *3000	3300 *3500	2545	2615	2645	1545	1375	1420	6-6 *6-12	6-6 *6-12
ZM450	4500	1800 *1900	2150 *2400	2400 *2700	2900 *3100	2795	2865	2895	1795	1625	1670	6-6 *6-6	6-6 *6-12
ZM500	5000	1500 *1700	1650 *2200	2000 *2400	2400 *2750	3045	3115	3145	2045	1875	1920	*3-6	6-6 *6-6

WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max.lifting height (mm)	Load capacity (kg) (load center 500mm)				Mast overall height (mm)		Free lifting height (with backrest)		Mast tilting angle° (front/rear)	
		2t	2.5t	3t	3.5t	2-2.5t	3-3.5t	2-2.5t	3-3.5t	2-2.5t	3-3.5t
ZSM360	3600	2000	2500	3000	3200	1695	1820	655	588	6-6 *6-6	6-6 *6-6
ZSM400	4000	2000	2500	3000	3200	1830	1953	778	721	6-6 *6-6	6-6 *6-6
ZSM450	4500	1600 *1800	1700 *2200	2500 *2700	2800 *3000	1995	2120	995	888	6-6 *6-6	6-6 *6-6
ZSM480	4800	1250 *1700	1500 *2000	2250 *2450	2500 *2750	2095	2220	1055	988	6-6 *6-6	6-6 *6-6
ZSM500	5000	1100 *1600	1300 *1800	2100 *2300	2300 *2600	2165	2287	1121	1055	6-6 *6-6	6-6 *6-6
ZSM550	5500	900 *1300	1100 *1600	1600 *2100	1700 *2300	2330	2453	1288	1221	3-6 *3-6	3-6 *3-6
ZSM600	6000	700 *1100	800 *1300	1200 *1900	1300 *2100	2550	2670	1505	1438	3-6 *3-6	3-6 *3-6

- (1)Free lifting height (without backrest) 2-2.5T:+435mm,3-3.5T:+580mm;
(2)The service weight is the weight of forklift with dual tyres: +110 kg;
(3)*Refers to the load capacity of forklift with dual tyres;

2.0t 2.5t 3.0t 3.5t



T Series 2.0-3.5T GAS/LPG Forklift Engines

Engine Model	Rated power/speed (kw/rpm)	Rated torque/speed (Nm/rpm)	Engine Displacement	Cylinder number Bore x Stroke	Emission Standard	Applicable to (tonnage)
GQ4Y	46/2800 (GAS) 39/2800 (LPG)	168/1800 (GAS) 156/1800 (LPG)	2.237	4-91×86	Stage II	2.0-2.5T
NISSAN GK21	31.2/2250 (GAS) 29/2250 (LPG)	143.7/1600 (GAS) 143/1600 (LPG)	2.065	4-89×83	Stage II	2.0-2.5T
NISSAN GK25	37.4/2300 (GAS) 35/2300 (LPG)	176.5/1600 (GAS) 176/1600 (LPG)	2.488	4-89×100	Stage II	2-3.5T
PSI 2.4	48/2700 (GAS) 46/2700(LPG)	170/2400 (GAS) 168/1600 (LPG)	2.351	4-86.5×100	EPAT4	2-3.5T
KUBOTA WG2503-GL-E3 (certified)	42.8/2600 (GAS) 43.5/2600(LPG)	163.3/1800 (GAS) 173.7/1400(LPG)	2.491	4-88×102.4	EPAT3/Euro V	2-3.5T