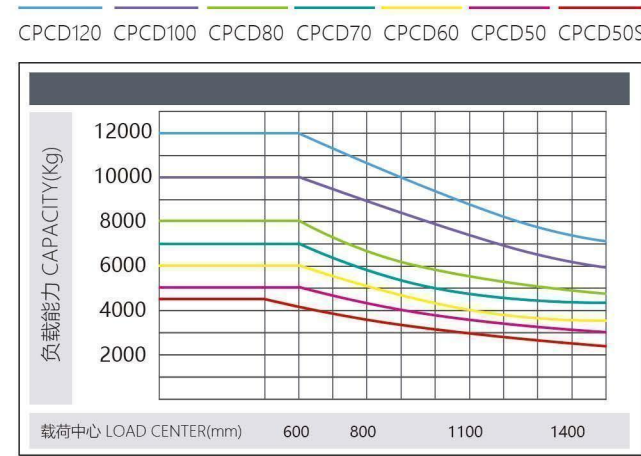
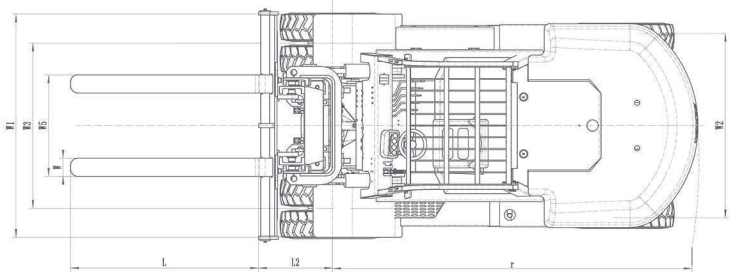
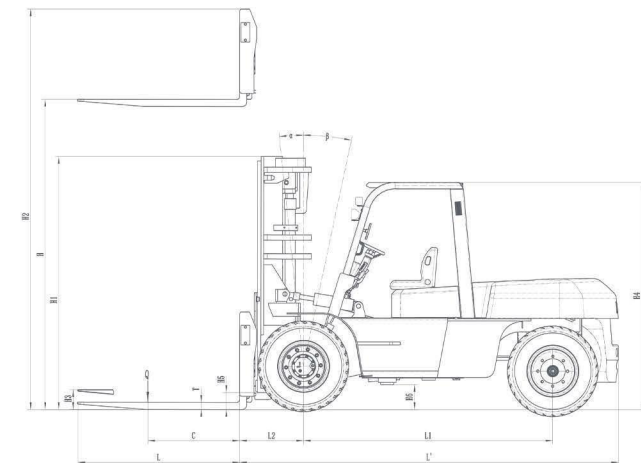


可选配的叉车发动机型号及其主要技术参数 Engine Model and Main Specification for Option						
发动机型号 Engine Model	额定功率/转速 Rated power/speed (kw/rpm)	额定扭矩/转速 Rated torque/speed (Nm/rpm)	发动机排量(L) Engine Displacement	发动机缸数-缸径×行程 Cylinder number Bore×Stroke	排放标准 Emission	适配吨位 Applicable to (tonnage)
XICHAi CA4110	61/2200	305/1400~1600	4.752	4-110×125	Stage II	5S T
MITSUBISHI S6S-T	63.9/2300	285/1700	4.966	6-94×120	Stage IIIA	5S-7 T
MITSUBISHI S6S-228	52/2300	248/1700	4.966	6-94×120	Stage IIIB	5S T
ISUZU 6BG1QC-02	82.4/2000	416.8/1500	6.494	6-105×125	Stage II	5S-12S T
CUMMINS 4BTA3.9-C125	93/2200	475/1500	3.9	4-102×120	Stage II	5-12S T
XICHAi CA6110	85/2200	450/1400~1500	7.127	6-110×125	Stage II	5-12S T
CHAOCHAI CY6102BG	81/2500	353/1600~1700	5.785	6-102×118	Stage II	5-12S T
CUMMINS QSB4.5	82/2200	488/1500	4.5	4-107×124	Stage IIIA	5-12S T
CUMMINS QSF3.8-C115T3	86/2200	470/1100-1700	3.76	4-102×115	Stage IIIA	5-12S T
CUMMINS QSF3.8-C120T4	90/2200	488/1600	3.76	4-102×115	EPAT4	10-12S T
CUMMINS F3.8	55/2200	400/1300	3.8	4-102×115	EPA Tier4f/EU Stage V	5S-7 T
CUMMINS F3.8	90/2200	500/1500	3.8	4-102×115	EPA Tier4f/EU Stage V	7-12S T



注：
竖轴表示承载量，横轴表示载荷中心。载荷中心是从货叉正面计算起，标准载荷的基点是指负荷边长为 1000 毫米的立方体中心位置。当门架前倾、使用非标准货叉或装载超过正常宽度的负荷时，将会使承载量减少。通过负荷曲线图，能及时地了解标准门架在各种载荷中心时的承载能力。

Note:
The vertical axis stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, or non-standard forks are used, or loads exceeds normal width, the load capacity will be reduced. Through the load chart, the bearing capacity of the standard mast at various load centers can be timely understood.



5.0S-12.0S T
K系列内燃平衡重式叉车
K SERIES INTERNAL COMBUSTION COUNTERBALANCE FORKLIFT

加强型桥体 Reinforced steering axle

加强型铸造转向桥久经市场验证，受载变形小，防尘防水，提高整机使用寿命和可靠性。

Equipped with reinforced casting steering axle. The small deflection under load, and dust-proof and water-proof design endow the forklift with long service life and working reliability.

动力系统 Power system

标配高压共轨电控发动机，动力输出强，冷启动性能更好，故障率低，整机能耗降低。

The high voltage common rail engine with strong power output, better cold start performance and lower failure rate, reduces energy consumption of the whole machine to a great extent.

承载力更高 Higher bearing capacity

前轮大双胎，整车承载力更高，行驶更稳定。驱动桥端部采用半轴密封技术，齿轮油密封性好。

Dual front tires ensure the machine with higher bearing capacity and better driving stability. The half-shaft sealing technology is adopted to the end part of the drive axle, ensuring excellent gear oil sealing performance.

模块化电气系统 Modular electrical system

采用 IP56 防护等级的模块化电气系统，安全可靠。启动电机等关键保养件外置，维护便捷。

IP56 protection grade modular electrical system is installed, which is safe and reliable, as well as convenient for maintenance.





制造商和技术参数 Manufacturer and technical data												
特性		Characteristics										
1.01	制造商	Manufacturer										
1.02	型号	Model			CPC50S	CPCD50S	CPCD50	CPCD60	CPCD70	CPCD80	CPCD100	CPCD120S
1.03	额定起重量	Rated capacity	Q	kg	5000	5000	5000	6000	7000	8000	10000	12000
1.04	载荷中心距	Load center distance	C	mm	500	500	600	600	600	600	600	600
1.05	动力形式	Power type			柴油 Diesel	柴油 Diesel	柴油 Diesel	柴油 Diesel	柴油 Diesel	柴油 Diesel	柴油 Diesel	柴油 Diesel
1.06	驾驶方式	Driving type			坐驾式 Seated	坐驾式 Seated	坐驾式 Seated	坐驾式 Seated	坐驾式 Seated	坐驾式 Seated	坐驾式 Seated	坐驾式 Seated
1.07	轴距	Wheel base	L1	mm	2100	2100	2250	2250	2250	2250	2800	3200
轮胎		Tyres										
2.01	轮胎类型	Tyre type			充气胎 Pneumatic	充气胎 Pneumatic	充气胎 Penumatic	充气胎 Penumatic	充气胎 Penumatic	充气胎 Penumatic	充气胎 Penumatic	充气胎 Penumatic
2.02	车轮数量 (前/后)	Wheel number(front/rear)			2X / 2	2X / 2	4X / 2	4X / 2	4X / 2	4X / 2	4X / 2	4X / 2
2.03	前轮距	Front tread	W3	mm	1180	1180	1470	1470	1470	1470	1600	1600
2.04	后轮距	Rear tread	W2	mm	1190	1190	1700	1700	1700	1700	1800	1800
2.05	轮胎, 前	Tyre(front)			300-15-18PR	300-15-18PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	9.00-20-16PR	9.00-20-14PR
2.06	轮胎, 后	Tyre(rear)			7.00-12-12PR	7.00-12-12PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	9.00-20-16PR	9.00-20-14PR
尺寸		Size										
3.01	前悬距	Front overhang	L2	mm	550	565	590	590	590	590	720	720
3.02	门架倾角, 前/后	Mast tilting angle,front/rear	α/β	°	6/12	6/12	6/12	6/12	6/12	6/12	6°/12°	6°/12°
3.03	门架回缩时高度	Height with mast retraction	H1	mm	2330	2330	2500	2500	2500	2500	2840	2840
3.04	自由起升高度	Free lifting height	H3	mm	140	140	205	205	205	205	100	100
3.05	最大起升高度	Max. lifting height	H	mm	3000	3000	3000	3000	3000	3000	3000	3000
3.06	作业时最大高度	Max. height after lifting	H2	mm	4280	4280	4380	4380	4380	4380	4320	4320
3.07	护顶架高度	Overall guard height	H4	mm	2245	2245	2450	2450	2450	2450	2560	2560
3.08	货叉尺寸 长×宽×厚	Fork size: length×width×thickness	LxWxT	mm	1220 x 150 x 50	1220 x 150 x 50	1220 x 150 x 55	1220 x 150 x 60	1220 x 150 x 70	1220 x 150 x 75	1520 x 175 x 80	1520 x 175 x 80
3.09	车体长度 (不含货叉)	Overall length(fork excluded)	L'	mm	3110	3110	3440	3440	3560	3560	4270	4785
3.10	车体宽度	Overall width	W1	mm	1480	1480	1995	1995	1995	1995	2200	2200
3.11	转弯半径	Turning radius	r	mm	2740	2740	3250	3370	3370	3370	4080	4480
3.12	门架离地间隙	Ground clearance of mast	H5	mm	160	160	200	200	200	200	235	235
3.13	轴距中心离地间隙 (满载)	Ground clearance of wheel base center (loaded)	H6	mm	200	200	220	220	220	220	285	285
3.14	货叉调节范围 (外侧) 最大/最小	Lateral fork adjustment Max./Min.	W5	mm	1370/300	1370/300	1840/300	1840/300	1840/300	1840/300	2460/450	2460/450
性能		Performance										
4.01	行驶速度 (满/空载)	Travelling speed (loaded/unloaded)		km/h	18/19	18/19	26/28	26/28	26/28	26/28	20/22	20/22
4.02	起升速度 (满/空载)	Lifting speed (loaded/unloaded)		mm/s	450/480	400/450	510	510	500	480	340/360	320/360
4.03	下降速度	Lowering speed		mm/s	520/480	350/400	600/300	600/300	600/300	600/300	600/350	400/350
4.04	爬坡能力 (满载)	Gradeability (loaded)		%	15	18/20	35	32	30	28	20	20
4.05	最大牵引力 (满载)	Max. traction force (loaded)		N	21/20	21/20	65	65	65	65	58	57
重量		Weight										
5.01	总重	Total weight		Kg	6400	6280	8230	8960	9430	10000	12560	12960
5.02	桥负载 (空载), 前/后	Axle load (unloaded), front/rear		Kg	2550/3850	2630/3770	4100/4060	3800/4760	3860/5500	4070/5800	5780/7080	5780/7120
5.03	桥负载 (满载), 前/后	Axle load (loaded), front/rear		Kg	9780/1120	9540/1360	11810/1350	13060/1580	14560/1780	14880/1970	20580/2280	20620/2080
发动机		Combustion -engine										
6.01	发动机品牌/型号	Engine manufacturer/Model			XICHA1 4D35G	XICHA1 CA4110	CHAOCHAI CY6102BG	CHAOCHAI CY6102BG	CHAOCHAI CY6102BG	CHAOCHAI CY6102BG	CHAOCHAI CY6102BG	CHAOCHAI CY6102BG
6.02	额定功率/转速	Rated power/Speed		Kw/rpm	48/2300	61/2200	81/2500	81/2500	81/2500	81/2500	81/2500	81/2500
6.03	最大扭矩/转速	Max.torque/Speed		Nm/rpm	230/1600~1800	305/1400~1600	353/1600~1700	353/1600~1700	353/1600~1700	353/1600~1700	353/1600~1700	353/1600~1700
6.04	气缸数-缸径×行程	Cylinder number-bore×stroke			4-108×125	4-110×125	6-102×118	6-102×118	6-102×118	6-102×118	6-102×118	6-102×118
6.05	发动机排量	Engine displacement		L	4.67	4.752	5.785	5.785	5.785	5.785	5.785	5.785
6.06	排放标准	Emission			Stage II	Stage II	Stage II	Stage II	Stage II	Stage II	Stage II	Stage II
6.07	变速箱档位 (前/后)	Transmission gears (front/rear)			3-2 手力换挡 Manual Shift	2-1 动力换挡 Power Shift	2-2 动力换挡 Power Shift	2-2 动力换挡 Power Shift	2-2 动力换挡 Power Shift	2-2 动力换挡 Power Shift	2-2 动力换挡 Power Shift	2-2 动力换挡 Power Shift
6.08	燃油箱容量	Fuel tank capacity		L	80	80	140	140	140	140	140	140
其他数据		Additional data										
7.01	行车制动/停车制动	Service brake/parking brake			液压/机械 Hydraulic/Mechanical	液压/机械 Hydraulic/Mechanical	液压/机械 Hydraulic/Mechanical	液压/机械 Hydraulic/Mechanical	液压/机械 Hydraulic/Mechanical	液压/机械 Hydraulic/Mechanical	液压/机械 Hydraulic/Mechanical	液压/机械 Hydraulic/Mechanical
7.02	液压系统工作压力	Hydraulic system working pressure		Mpa	20	20	20	20	20	20	20	20

宽视野基本型门架 WIDE VIEW MAST												
门架类型 Mast model	最大起升高度 Max. lifting height (mm)	Load capacity (load center 500mm) (kg)	承载能力 (载荷中心为600mm) kg Load capacity (load center 600mm) (kg)						门架全高 (货叉落地) Mast overall height (mm)			门架倾角 (前/后) Mast tilting angle (front/rear)
		5S T	5t	6t	7t	8t	10t	12S T	5S T	5-8t	10-12S T	5S T-12S T
M300	3000	5000	5000	6000	7000	8000	10000	12000	2330	2500	2840	6/12
M330	3300	4750	5000	6000	7000	8000	10000	11700	2480	2650	2840	6/12
M350	3500	4750	5000	6000	7000	8000	10000	11500	2580	2750	3090	6/12
M370	3700	⁴⁵⁰⁰ ₄₇₅₀	5000	6000	7000	8000	10000	11300	2680	2850	3140	6/12
M400	4000	⁴²⁵⁰ ₄₅₀₀	5000	6000	7000	8000	10000	11000	2880	3050	3390	6/6
M450	4500	⁴⁰⁰⁰ ₄₂₅₀	4800	5800	6800	7700	9000	10500	3130	3300	3640	6/6
M500	5000	³⁶⁰⁰ ₄₀₀₀	4600	5600	6600	7400	8500	10000	3380	3550	3890	6/6
M550	5500	³¹⁵⁰ ₃₇₀₀	4400	5400	6300	7000	8000	9500	3680	3850	4190	3/6
M600	6000	²⁵⁰⁰ ₃₃₀₀	4200	5200	6000	6700	7500	9000	3930	4100	4440	3/6

注：(1)*号代表为单胎时的承载力

Note: (1)*Refers to the load capacity of forklift with single tyre

二级全自由门架 WIDE VIEW FULL FREE 2-STAGE MEST																
门架类型 Mast model	最大起升高度 Max. lifting height (mm)	Load capacity (load center 500mm)(kg)	承载能力 (载荷中心为600mm)kg Load capacity(load center 600mm)(kg)						门架全高 (货叉落地) Mast overall height(mm)			自由起升 (带挡货架) Free lifting height(with backrest) mm			门架倾角 (前/后) Mast tilting angle (front/rear)	
		5S t	5t	6t	7t	8t	10t	12S t	5S T	5-8t	10-12S T	5S T	5-8t	10-12S T		
ZM300	3000	5000	5000	6000	7000	8000	10000	10000	2380	2675	2890	1145	1087	1610	6/12	
ZM330	3300	4750	5000	6000	7000	8000	10000	11700	2530	2825	3040	1295	1237	1760	6/12	
ZM350	3500	4750	5000	6000	7000	8000	10000	11500	2630	2925	3140	1395	1337	1860	6/12	
ZM370	3700	^{*4500} ₄₇₅₀	5000	6000	7000	8000	10000	11300	2730	3050	3240	1520	1462	1960	6/12	
ZM400	4000	^{*4250} ₄₅₀₀	5000	6000	7000	8000	10000	11000	2930	3225	3440	1695	1637	2120	6/12	
ZM450	4500	^{*3900} ₄₂₀₀	4650	5650	6600	7350	9000	10500	3180	3300	3690	1945	1887	2370	6/6	
ZM500	5000	^{*3500} ₃₉₀₀	4500	5500	6400	7250	8500	10000	3430	3550	3940	2195	2137	2620	6/6	
ZM550	5500	^{*3050} ₃₆₀₀	4250	5250	6150	6900	8000	9500	3730	3850	4240	2495	2437	2870	3/6	
ZM600	6000	^{*2400} ₃₂₀₀	4000	5000	6000	6550	7500	9000	3980	4100	4490	2745	2687	3120	3/6	

注：(1)*号代表为单胎时的承载力

(2)自由起升高度 (不带挡货架)：5吨：+465 mm；5-6吨：+465 mm；7-8吨：+310 mm

Note: (1)*Refers to the load capacity of forklift with single tyre

(2)Free lifting height (without backrest): 5T: +465 mm; 5-6吨: +465 mm; 7-8吨: +310 mm

三级全自由门架 WIDE VIEW FULL FREE 3-STAGE MAST															
门架类型 Mast model	最大起升高度 Max. lifting height (mm)	Load capacity (load center 500mm) (kg)	承载能力 (载荷中心为600mm) kg Load capacity(load center 600mm) (kg)						门架全高 (货叉落地) Mast overall height(mm)			自由起升 (带挡货架) Free lifting height (with backrest) mm			门架倾角 (前/后) Mast tilting angle (front/rear)
		5S T	5t	6t	7t	8t	10t	12S T	5S T	5-8t	10-12S T	5S T	5-8t	10-12S T	5S T-12S T
ZSM360	3600	4750	5000	6000	7000	8000	9700	11500	2080	2375	2570	840	1015	1310	6/6
ZSM400	4000	4750	5000	6000	7000	8000	9500	11200	2213	2510	2700	974	1150	1440	6/6
ZSM435	4350	⁴³⁰⁰ ₄₅₀₀	4600	5600	6600	7350	9000	10800	2330	2625	2820	1090	1265	1560	6/6
ZSM450	4500	⁴⁰⁰⁰ ₄₁₀₀	4400	5400	6400	7200	8500	10300	2380	2675	2870	1140	1315	1610	6/6
ZSM480	4800	³⁷⁰⁰ ₃₉₀₀	4200	5200	6200	7050	8250	10000	2480	2775	2970	1240	1415	1710	6/6
ZSM500	5000	³⁴⁰⁰ ₃₇₀₀	4000	5000	6000	6850	8000	9600	2547	2840	3035	1307	1485	1775	3/6
ZSM550	5500	³¹⁰⁰ ₃₄₀₀	3700	4700	5800	6650	7700	9200	2713	3010	3225	1474	1650	1960	3/6
ZSM600	6000	²⁷⁰⁰ ₃₁₀₀	3400	4400	5400	6400	7000	8500	2930	3225	3425	1690	1865	2165	3/6