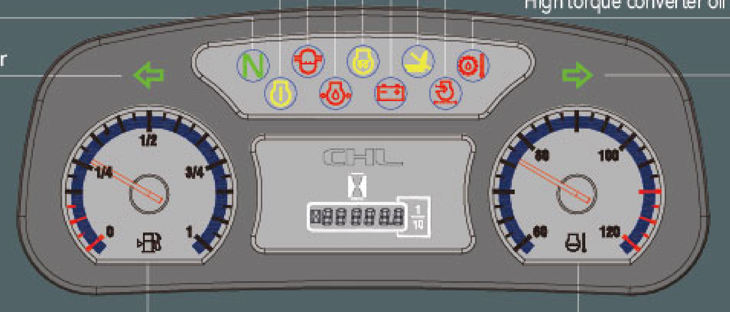
Reliable special designed instrument



- Reliable special meter display the whole truck's working condition, fault detect and other important information completely which make the operator master the whole truck condition directly and conveniently.

Standard configuration

- Fork
- Water temperature gauge
- Traction pin
- Backrest
- Overhead guard
- Electric horn
- Reversing light
- Hour meter
- Fuel gauge
- Charging indicator
- Operator's tool kit
- Oil pressure alarm
- Steering indicator
- Wide view mast
- Standard seat
- Front lamp
- Rear combined light
- Shaped pedal pad
- Control valve (two throws)
- Filter core of transmission oil
- Backward buzzer
- Transmission oil gauge
- Filter of hydraulic oil circuit
- Safety switch for neutral gear
- Rain proof for overhead guard
- Air intaking device
- Durable tyre with pattern
- Cable type parking brake
- Hydraulic oil gauge
- Preheating indicator
- Full hydraulic powered steering
- Flow regulator for lifting oil circuit
- Levers for lifting and tilting
- Cyclone air cleaner
- Adjustable tilting steering column
- Engine automatic preheating system
- Electric flameout
- Engine fault indicator

Optional

- Cab
- Speedometer
- Fire extinguisher bracket
- Solid tyre
- Rear working light
- Auxiliary pipe
- Suspension seat
- Custom paint
- Temperature gauge
- of transmission oil Heater
- High installed exhaust
- Sleeve of tilting cylinder
- Full LED light
- Electric-hydraulic level

Available attachment

- Carpet boom
- Lifting hook
- Side shifter
- Paper roll clamp
- Rotating fork
- Cargo boom
- Lengthen fork
- Multi-function drum clamp
- Rotating clamp
- Widen fork carrier
- Lengthen fork extension
- Load stabilizer
- Push-pull
- Tilting fork/bucket
- Wide view two stage free lift mast
- Wide view three stage free lift mast

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* Details of specifications and equipment are based on information available at the time of printing and may change without notice.

AUTHORIZED DEALER

Catalog No.201030 Fokeli Print

2-3.5 t

K2C series LPG/Gasoline Forklift

CHL

K2C series
RELIABLE ECONOMICAL
COMFORTABLE HIGH EFFICIENT

2-3.5 t K2C series LPG/Gasoline Forklift

K2C series
RELIABLE ECONOMICAL
COMFORTABLE HIGH EFFICIENT

The performance of easy maintenance is further improved

- The drive axle is improved to reduce maintenance frequency.
- Fault code is displayed on the meter to improve truck maintenance efficiency.
- The opening angle of engine hood reaches to 80°facilitating the access to maintenance.
- The contact space between engine and transmission box is enlarged and it is easy for engine oil filter maintenance.
- The electric box with single wire and 42 core is easy for maintenance.
- The 24° conical sealing is adopted on hydraulic pipeline and it is easy for assembly and disassembly.

Reliability 40% improved

- Casted steering axle.
- Improved mast strength and rigidity.
- Reduced front overhang improves truck stability.
- The sealing performance of drive axle is improved.
- Enhanced design of rim.
- The strength and rigidity of overhead guard are improved.
- The protection level of electric system is improved and the electrical parts adopts modular design.
- The sealing performance of hydraulic pipeline is improved.
- The cooling performance of the truck is improved.
- The loading capacity of mast and frame is improved and the safety performance is improved.

Better performance in energy saving and consumption reducing

- Specially developed LPG kit for forklift which shows superior power performance.
- Good fuel economy.
- Low emission which improve environmental quality.
- Low noise and vibration.
- The reliability of the forklift is good.
- The pressure loss is reduced.
- LED signal lights are standard.

The operation efficiency is 20% improved

- The lifting speed for 3.5t truck is largely improved.
- Comparing with the other competing products, the steering radius is the smallest.
- The lights switch is integrated on steering knob and it is convenient for operation.

Reliable casting steering axle

- Compact structure, small deformation when loading.
- Shock absorber installed improving driving comfort.
- Dust proof and water proof structure increasing service life and reliability effectively.
- Low maintenance cost in later stage.

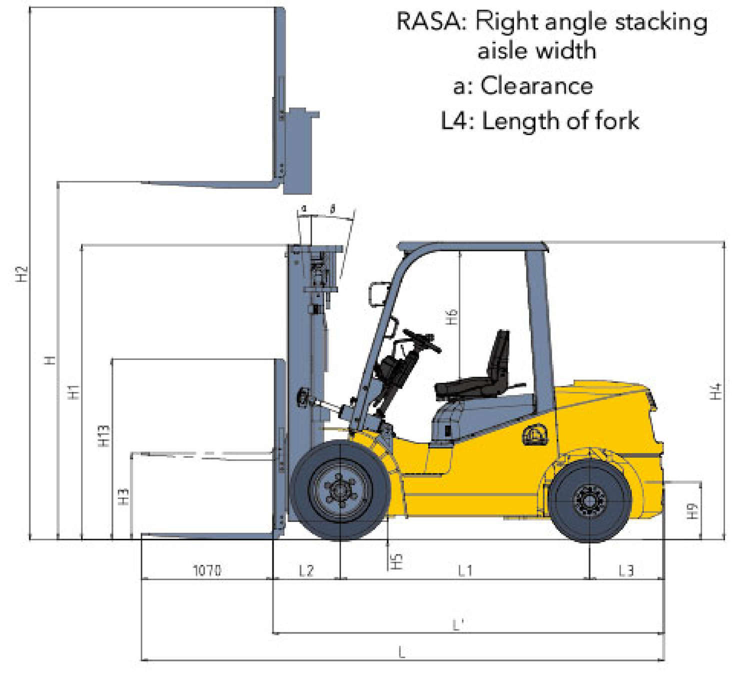
Operation comfort is 20% improved

- The diameter of steering wheel is reduced to reduce arm fatigue.
- The space for pedal is enlarged.
- Widen seat is more comfortable.
- Backlight design of meter is easy to read and for electric controlled engine, fault code shown on the meter is the standard configuration.
- The horizontal view of mast is improved.
- Lowering buffering is configured.
- Head space is enlarged.

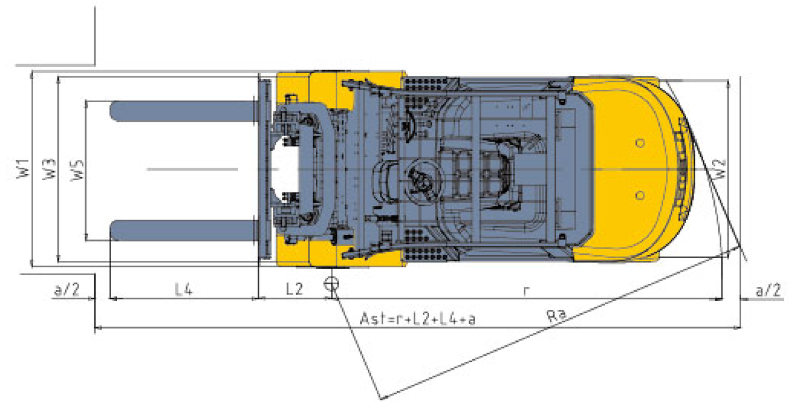
2-3.5 t K2C series LPG/Gasoline Forklift

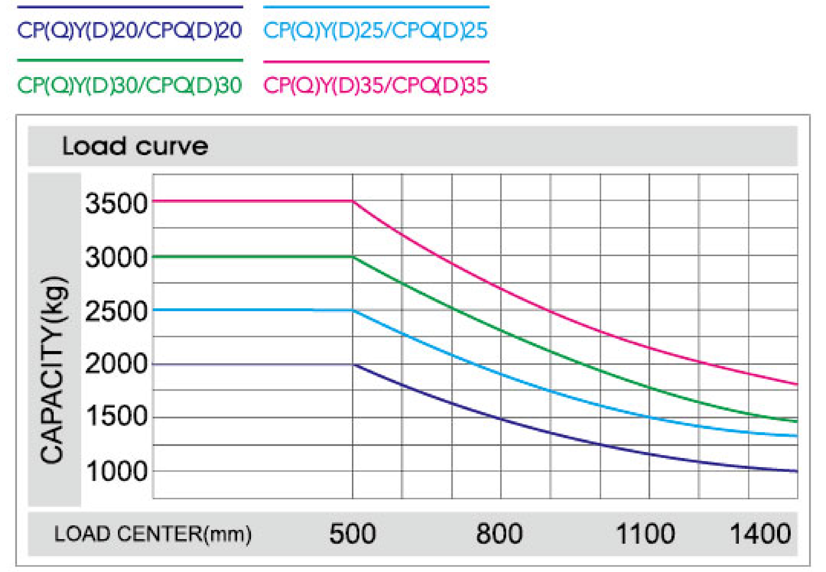
Manufacturer and technical parameters

	Characteristics																
1.01	Manufacturer			ANHUI HELI CO.,LTD													
1.02	Model			CPY(D)20	CPQY(D)20	CPY(D)25	CPQY(D)25	CPY(D)30	CPQY(D)30	CPQ(D)20	CPQY(D)20	CPQ(D)25	CPQY(D)25	CPQ(D)30	CPQY(D)30	CPQ(D)35	CPQY(D)35
1.03	Rated capacity		kg	2000	2000	2500	2500	3000	3000	2000	2000	2500	2500	3000	3000	3500	3500
1.04	Load center		mm	500													
1.05	Driving mode			GAS OR LPG													
1.06	Power type			Seat-type													
	Dimensions																
2.01	Lifting height (standard)	H	mm	3000													
2.02	Mast overall height (Fork to the ground and mast be vertical)	H1	mm	2000		2000		2070		2000		2000		2070		2120	
2.03	Max.fork lifting height(With backrest)	H2	mm	4030		4030		4217		4030		4030		4217		4217	
2.04	Free lift height	H3	mm	150		150		155		150		150		155		160	
2.05	Overall height(Overhead guard)	H4	mm	2170		2170		2190		2170		2170		2190		2190	
2.06	Min.groung clearance(At the mast)	H5	mm	115		115		135		115		115		135		135	
2.07	Distance from the surface of the seat to the overahead guard	H6	mm	1075		1075		1075		1075		1075		1075		1075	
2.08	Traction pin height	H9	mm	290		290		310		290		290		310		310	
2.09	Backrest height (Calculated from the surface of the fork)	H13	mm	1000		1000		1182		1000		1000		1182		1177	
2.10	Overall length(With fork/Without fork)	(L/L')	mm	3460/2390		3680/2610		3819/2740		3460/2390		3680/2610		3819/2740		3827/2754	
2.11	Wheel base	L1	mm	1650		1650		1750		1650		1650		1750		1750	
2.12	Front overhang	L2	mm	465		465		479		465		465		479		484	
2.13	Rear overhang	L3	mm	425		495		520		425		495		520		520	
2.14	Overall width	W1	mm	1160		1160		1225		1160		1160		1225		1225	
2.15	Tread (Front tread/Rear tread)	(W3/W2)	mm	970/970				1000/970		970/970				1000/970			
2.16	Fork adjustable range (the external of the fork)(Max./Min.)	W5	mm	1030/244		1030/244		1060/250		1030/244		1030/244		1060/250		1060/250	
2.17	Min.turning radius(Exterior)	r	mm	2215		2270		2400		2215		2270		2400		2400	
2.18	Min.turning radius(Interior)	r'	mm	35		35		80		35		35		80		80	
2.19	Min.right angle stacking aisle width	Ra	mm	2235		2290		2360		2235		2290		2360		2360	
2.20	Mast tilting angle (forward /rear)	α / β	deg.	6°/12°		6°/12°		6°/12°		6°/12°		6°/12°		6°/12°		6°/12°	
2.21	Fork size	L4xWxT	mm	920x122x40		1070x122x40		1070x125x45		920x122x40		1070x122x40		1070x125x45		1070x125x50	
	Performance																
3.01	Max.Traveling Speed (Loaded/Unloaded)		km/h	18/19		18/19		18/19		18/19		18/19		19/20		19/19	
3.02	Lifting Speed (Loaded/Unloaded)		mm/s	455/480		400/420		455/480		500/550		500/550		455/480		400/420	
3.03	Lowing Speed (Loaded/Unloaded)		mm/s	450/500		450/500		450/500		450/500		450/500		450/500		450/500	
3.04	Max.Drawbar Pull (Loaded/Unloaded)		kN	19.3/14		20.2/13.4		20/17		19.5/14.7		20.6/14.7		21.2/15.5		21/15.5	
3.05	Max.Gradeability (Loaded/Unloaded)		%	29/26		30/26		27/25		30/26		31/27		26/23		24/21	
	Weight																
4.01	Total Weight		kg	3300		3645		4265		3300		3645		4265		4550	
4.02	Weight Distribution Loaded (Front/Rear)		kg	4714/586		5433/712		6424/841		4714/586		5433/712		6424/841		7240/810	
4.03	Weight Distribution Unloaded (Front/Rear)		kg	1544/1756		1470/2175		1745/2520		1544/1756		1470/2175		1745/2520		1771/2779	
	Wheel and Tyre																
5.01	Wheel Number x = Drive Wheel (Front/Rear)			2X/2						2X/2							
5.02	Tyre Type(Front/Rear)			Pneumatic Tyre						Pneumatic Tyre							
5.03	Tyre Size(Front/Rear)			7.00-12-12PR/6.00-9-10PR				28x9-15-14PR/6.5-10-10PR		7.00-12-12PR/6.00-9-10PR				28x9-15-14PR/6.5-10-10PR			
5.04	Service Brake			Hydraulic-Foot Pedal						Hydraulic-Foot Pedal							
5.05	Parking Brake			Mechanical-Hand Lever						Mechanical-Hand Lever							
	Drive and Transmission Control Device																
6.01	Battery(Voltage/Capacity)		V/Ah	12/60						12/60							
6.02	Engine Mode			GCT K21						GCT K25							
6.03	Engine Rated Power		kW/rpm	31.2/2200						37.4/2400							
6.04	Engine Rated Torque		Nm/rpm	143.7/1600						176.5/2400							
6.05	Engine Cylinder Number-Borexstroke			4.89x83						4.89x100							
6.06	Engine Displancement		L	2.065						2.488							
6.07	Engine Fuel Tank Capacity		L	70						70							
6.08	Emission																
6.09	Tranmission Box Shifting Gears(Front/Rear type)			1-1Power Shift T/M / 2-2 Manual Shift T/M													



RASA: Right angle stacking aisle width
a: Clearance
L4: Length of fork





Note:

The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front of the fork. The base point of the standard load refers to the center position of the cube with 1000mm length of side. When mast is tilted forward, nonstandard fork usage or load with over wide goods, load capacity will be reduced. Different load capacity in different load center can be known in time through load chart.

K2C series | RELIABLE ECONOMICAL COMFORTABLE HIGH EFFICIENT

WIDE VIEW MAST

Mast model	Max. lifting height mm	Load capacity (load center 500mm)(kg)				Mast overall height (fork to the ground)(mm)			Service weight(kg)				Mast tilting angle (°) α / β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
M200	2000	2000	2500	3000	3500	1500	1570	1620	3225	3560	4175	4455	6/12
M250	2500	2000	2500	3000	3500	1750	1820	1870	3270	3610	4225	4505	6/12
M300	3000	2000	2500	3000	3500	2000	2070	2120	3300	3645	4265	4550	6/12
M330	3300	2000	2500	3000	3500	2150	2220	2270	3345	3680	4300	4590	6/12
M350	3500	2000	2500	3000	3500	2250	2320	2370	3365	3700	4320	4610	6/12
M370	3700	2000	2500	3000	3500	2350	2420	2470	3380	3715	4340	4630	6/6 *6/12
M400	4000	2000	2500	3000	3200*3500	2550	2620	2670	3450	3790	4415	4710	6/6 *6/12
M425	4250	1900*2000	2250*2500	2850*3000	3100*3200	2675	2745	2795	3475	3815	4440	4740	6/6 *6/12
M450	4500	1800*1900	2150*2400	2750*3000	3000*3050	2800	2870	2920	3495	3835	4465	4765	6/6 *6/12
M500	5000	1600*1700	1650*2200	2400*2850	2500*2850	3050	3120	3170	3540	3880	4515	4815	6/6 *6/6
M550	5500	*1600	*1950	*2400	*2500	3350	3420	3470	3630	3970	4605	4915	*3/6
M600	6000	*1500	*1800	*2200	*2300	3600	3670	3720	3675	4015	4655	4970	*3/6

Note: (1) *stands for the rated capacity when the front tyre is double-tyre. (2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.

WIDE VIEW FULL FREE 2–STAGE MAST

Mast model	Max. lifting height mm	Load capacity (load center 500mm)(kg)				Mast overall height (fork to the ground)(mm)			Free lifting height (with backrest)(mm)			Service weight (kg)				Mast tilting angle (°) α / β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
ZM200	2000	2000	2500	3000	3500	1500	1570	1620	500	340	443	3260	3560	4210	4485	6/12
ZM250	2500	2000	2500	3000	3500	1750	1820	1870	750	590	693	3310	3645	4060	4535	6/12
ZM300	3000	2000	2500	3000	3500	2000	2070	2120	1000	840	943	3360	3700	4310	4640	6/12
ZM330	3300	2000	2500	3000	3500	2150	2220	2270	1150	990	1093	3390	3730	4340	4620	6/12
ZM350	3500	2000	2500	3000	3500	2250	2320	2370	1250	1090	1193	3410	3745	4360	4640	6/12
ZM370	3700	2000	2500	3000	3500	2350	2420	2470	1350	1190	1293	3430	3765	4380	4660	6/6 *6/12
ZM400	4000	2000	2500	3000	3200 *3500	2550	2620	2670	1550	1390	1493	3505	3845	4460	4735	6/6 *6/12
ZM425	4250	1900 *2000	2250 *2500	2850 *3000	3100 *3200	2675	2745	2795	1675	1515	1618	3530	3870	4485	4760	6/6 *6/12
ZM450	4500	1800 *1900	2150 *2400	2750 *3000	3000 *3050	2800	2870	2920	1800	1640	1743	3560	3895	4515	4790	6/6 *6/12
ZM500	5000	1600 *1700	1650 *2200	2400 *2850	2500 *2850	3050	3120	3170	2050	1890	1993	3610	3945	4565	4845	6/6 *6/6
ZM550	5500	*1600	*1950	*2450	*2500	3350	3420	3470	2350	2190	2293	3705	4045	4665	4945	*3/6
ZM600	6000	*1500	*1800	*2200	*2300	3600	3670	3720	3500	2440	2543	3755	4095	4720	4995	*3/6

Note: (1) *stands for the rated capacity when the front tyre is double-tyre.
(2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.

WIDE VIEW FULL FREE 3–STAGE MAST

Mast model	Max. lifting height mm	Load capacity (load center 500mm)(kg)				Mast overall height (fork to the ground)(mm)			Free lifting height (with backrest)(mm)			Service weight (kg)				Mast tilting angle (°) α / β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
ZSM360	3600	2000	2400	2900	3250	1800	1870	1870	800	640	690	3495	3835	4470	4705	6/6
ZSM400	4000	1900	2400	2900	3250	1950	2020	2020	950	790	840	3540	3875	4510	4750	6/6
ZSM435	4350	1850 *1900	2200 *2400	2850 *2900	2900 *3050	2050	2120	2120	1050	890	940	3570	3920	4540	4775	6/6
ZSM450	4500	1750 *1800	2150 *2300	2750 *2850	2800 *2950	2100	2170	2170	1100	940	990	3580	3965	4555	4790	6/6
ZSM470	4700	1720 *1800	2000 *2300	2650 *2800	2700 *2900	2165	2230	2230	1165	1000	1050	3600	4005	4560	4800	6/6
ZSM480	4800	1700 *1800	1950 *2300	2550 *2800	2650 *2900	2210	2270	2270	1210	1040	1090	3615	4050	4575	4810	6/6
ZSM500	5000	1600 *1750	1650 *2250	2450 *2750	2500 *2850	2300	2370	2370	1300	1140	1190	3640	4095	4600	4835	6/6
ZSM540	5400	1450 *1700	1500 *2150	2300 *2650	2350 *2700	2400	2470	2470	1400	1240	1290	3670	4135	4630	4865	*3/6
ZSM600	6000	*1600	*1800	*2100	*2200	2600	2670	2670	1600	1440	1490	3775	4180	4730	4970	*3/6
ZSM650	6500	*1450	*1650	*1900	*2000	2800	2870	2870	1800	1640	1690	3830	4225	4785	5025	*3/6
ZSM700	7000	*1150	*1300	*1800	*2000	2975	3045	3045	1975	1815	1865	3885	4265	4835	4070	*3/3
ZSM750	7500	*950	*1050	*1200	*1200	3150	3370	3370	2150	2140	2190	3990	4310	4975	5210	*3/3

Note: (1) *stands for the rated capacity when the front tyre is double-tyre.
(2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.