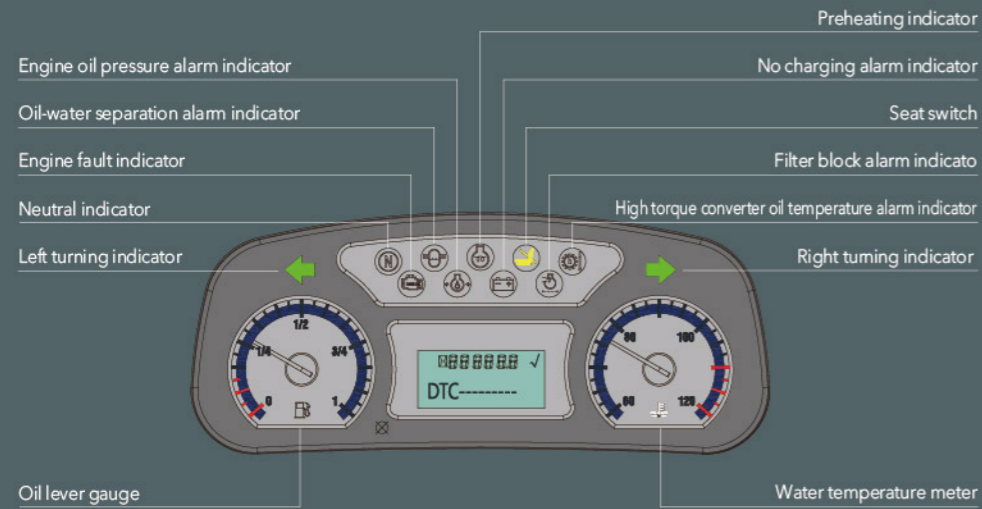


Reliable special designed instrument



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

2-3.5 t

K2C series Internal Combustion Counterbalanced Forklift Truck



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AUTHORIZED DEALER

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

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K2C series / RELIABLE ECONOMICAL
COMFORTABLE HIGH EFFICIENT

2-3.5t

K2C series Internal Combustion Counterbalanced Forklift Truck

MAXBULL

K2C series / RELIABLE ECONOMICAL
COMFORTABLE HIGH EFFICIENT



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.

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.

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.



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.

Better performance in energy saving and consumption reducing

- > The oil consumption is reduced.
- > The pressure loss is reduced.
- > LED signal lights are standard.

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.



2-3.5t

K2C series Internal Combustion Counterbalanced Forklift Truck

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Manufacturer and technical parameters

Characteristics		HONG KONG MACHINERY LIMITED																	
1.01	Manufacturer	HONG KONG MACHINERY LIMITED																	
1.02	Model	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35		
1.03	Rated capacity	kg	2000	2000	2500	2500	3000	3000	3500	3500	2000	2000	2500	2500	3000	3000	3500	3500	
1.04	Load center	mm	500																
1.05	Driving mode	Diesel																	
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	2120	2000	2000	2070	2120	2000	2000	2070	2120	2000	2000	2070	2120
2.03	Max.fork lifting height(With backrest)	H2	mm	4030	4030	4217	4217	4030	4030	4217	4217	4030	4030	4217	4217	4030	4030	4217	4217
2.04	Free lift height	H3	mm	150	150	155	160	150	150	155	160	150	150	155	160	150	150	155	160
2.05	Overall height(Overhead guard)	H4	mm	2170	2170	2190	2190	2170	2170	2190	2190	2170	2170	2190	2190	2170	2170	2190	2190
2.06	Min.groung clearance(At the mast)	H5	mm	115	115	135	135	115	115	135	135	115	115	135	135	115	115	135	135
2.07	Distance from the surface of the seat to the overhead guard	H6	mm	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075
2.08	Traction pin height	H9	mm	290	290	310	310	290	290	310	310	290	290	310	310	290	290	310	310
2.09	Backrest height (Calculated from the surface of the fork)	H13	mm	1000	1000	1182	1177	1000	1000	1182	1177	1000	1000	1182	1177	1000	1000	1182	1177
2.10	Overall length(With fork/Without fork)	(L/L')	mm	3460/2390	3680/2610	3819/2740	3827/2754	3460/2390	3680/2610	3819/2740	3827/2754	3460/2390	3680/2610	3819/2740	3827/2754	3460/2390	3680/2610	3819/2740	3827/2754
2.11	Wheel base	L1	mm	1650	1650	1750	1750	1650	1650	1750	1750	1650	1650	1750	1750	1650	1650	1750	1750
2.12	Front overhang	L2	mm	465	465	479	484	465	465	479	484	465	465	479	484	465	465	479	484
2.13	Rear overhang	L3	mm	425	495	520	520	425	495	520	520	425	495	520	520	425	495	520	520
2.14	Overall width	W1	mm	1160	1160	1225	1225	1160	1160	1225	1225	1160	1160	1225	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	1060/250	1030/244	1030/244	1060/250	1060/250	1030/244	1030/244	1060/250	1060/250	1030/244	1030/244	1060/250	1060/250
2.17	Min.turning radius(Exterior)	r	mm	2215	2270	2400	2400	2215	2270	2400	2400	2215	2270	2400	2400	2215	2270	2400	2400
2.18	Min.turning radius(Interior)	r'	mm	35	35	80	80	35	35	80	80	35	35	80	80	35	35	80	80
2.19	Min.right angle stacking aisle width	Ra	mm	2235	2290	2360	2360	2235	2290	2360	2360	2235	2290	2360	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°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
2.21	Fork size	L4xWxT	mm	920x122x40	1070x122x40	1070x125x45	1070x125x50	920x122x40	1070x122x40	1070x125x45	1070x125x50	920x122x40	1070x122x40	1070x125x45	1070x125x45	1070x125x45	1070x125x45	1070x125x50	1070x125x50
Performance																			
3.01	Max.Traveling Speed (Loaded/Unloaded)	km/h	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	18/19	19/20	19/20	19/19	19/19	19/19	19/19
3.02	Lifting Speed (Loaded/Unloaded)	mm/s	455/480	400/420	455/480	400/420	455/480	400/420	455/480	400/420	455/480	400/420	455/480	400/420	455/480	400/420	455/480	400/420	455/480
3.03	Lowring Speed (Loaded/Unloaded)	mm/s	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500
3.04	Max.Drawbar Pull (Loaded/Unloaded)	kN	16.5/14	16.5/14	19.5/12	19.5/12	20/17	20/17	21.5/14	21.5/14	16.2/12.5	16.2/12.5	19.3/11.7	19.3/11.7	19.5/16	19.5/16	21.4/13.9	21.4/13.9	21.4/13.9
3.05	Max.Gradeability (Loaded/Unloaded)	%	18/29	27/32	16/28	26/28	15/23	20/24	15/23	22/24	18/29	26/32	15/27	26/27	13/22	19/24	14/22	22/23	22/23
Weight																			
4.01	Total Weight	kg	3300	3645	4265	4550	3300	3645	4265	4550	3300	3645	4265	4550	3300	3645	4265	4550	4550
4.02	Weight Distribution Loaded (Front/Rear)	kg	4714/586	5433/712	6424/841	7240/810	4714/586	5433/712	6424/841	7240/810	4714/586	5433/712	6424/841	7240/810	4714/586	5433/712	6424/841	7240/810	7240/810
4.03	Weight Distribution Unloaded (Front/Rear)	kg	1544/1756	1470/2175	1745/2520	1771/2779	1544/1756	1470/2175	1745/2520	1771/2779	1544/1756	1470/2175	1745/2520	1771/2779	1544/1756	1470/2175	1745/2520	1771/2779	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	12/80								12/80								
6.02	Engine Mode	MITSUBISHI S4S								ISUZU C240									
6.03	Engine Rated Power	kW/rpm	34.4/2250								35.4/2500								
6.04	Engine Rated Torque	Nm/rpm	165/1700								139.9/1800								
6.05	Engine Cylinder Number-Borexstroke	4-94x120								4-86x102									
6.06	Engine Displacement	L	3.331								2.369								
6.07	Engine Fuel Tank Capacity	L	70								70								
6.08	Emission	CHINA Stage 3/Euro Stage 3A								CHINA Stage 3/Euro Stage 3A									
6.09	Tranmission Box Shifting Gears(Front/Rear type)	1-1Power Shift T/M / 2-2 Manual Shift T/M																	

