

CHL



5-7.5 Ton
BALANCE WEIGHT TYPE
FORKLIFT

Standard configuration

Hour meter
Horn
Oil pressure alarm
Control valve (two piece)
Wholly hydraulic powered steering
Rubber pad
Backrest
Rearview mirror
Front combined lamp
Transmission oil filter
Engine flameout device
Cable type parking brake
Water temperature gauge
Driver's tool
Rear combined lamp
Backward buzzer
Tilt cylinder self lock valve
Tilting adjustable steering column

Overhead guard
Standard fork
Neutral switch
Hydraulic oil return circuit filter
Flow regulator
Oil lever gauge
Charging indicator
Wide view mast
Air intaking device
Durable tread tyre
Lifting and tilting operation lever
Traction pin
Standard seat
Hydraulic oil dipstick
Overhead guard rain cover
Torque converter oil dipstick
Combined instrument

Optional Devices and Accessories

Driver's cab
Rotating alarming light
Upper air exhausting device
Double air cleaner
Lengthening fork extension
Warm air blower
Solid tyre
Widen fork arm carrier
Windshield
Cleansing muffler
Fire extinguisher muffler
Fire extinguisher
Rear working light
Air conditioner (Certain type)
Torque converter oil temperature gauge
Tilting cylinder bush
Steering cylinder bush
Customer made color
Optional attachments

AUTHORIZED DEALER

Manufacturer: **ANHUI HELI CO., LTD.**
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* Details of specifications and equipment are based on information available at the time of printing and may change without notice.

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Reliable forklift Reliability is based on first-class manufacturing technology.

New steering handwheel adjusting mechanism



With patented technology of new steering handwheel double thread adjusting mechanism improving operating comfort and adjusting reliability.

Reliable lifting system



High quality mast ensuring operating safety; Wide view mast fitted as standard with good view

- ✓ World-first class quality U-steel from Germany
- ✓ Enlarged U-steel cross-section to achieve firm structure

Reliable power system

The HELI transmission box specialized for the truck mode which is the most reliable transmission system in HELI with 20 years market proof effectively reduce trouble rate. Meanwhile, a number of power-assisted devices are assembled to ensure the system reliability.

- ✓ Transmission box working continually without trouble for 800 hours on average
- ✓ Lost foam casting box
- ✓ Upper air intaking system
- ✓ Air cleaner pressure alarm device
- ✓ Engine automatic preheating system
- ✓ Whirlwind air cleaner



Reliable special instrument



- ✓ Reasonable structure featuring Integration of instrument and steering column to achieve good view.
- ✓ Easy control of working condition through kinds of alarm indicators on the meter such as water temperature, oil lever, hour meter and so on.

Reliable steering system

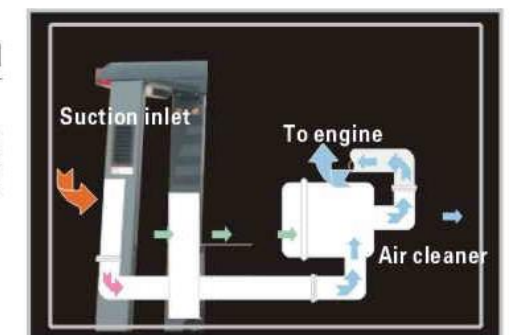
The steering system adopting new technology not only ensure steady steering, quick positioning and steering, but also ensure the driver's safety.



- ✓ Wholly hydraulic steering
- ✓ Small steering radius
- ✓ Durable tyre

Air intaking system

Air suction inlet installing on top of the overhead guard brace far away from the dust produced when travelling. Cleaner air sucked prolonging engine service life.



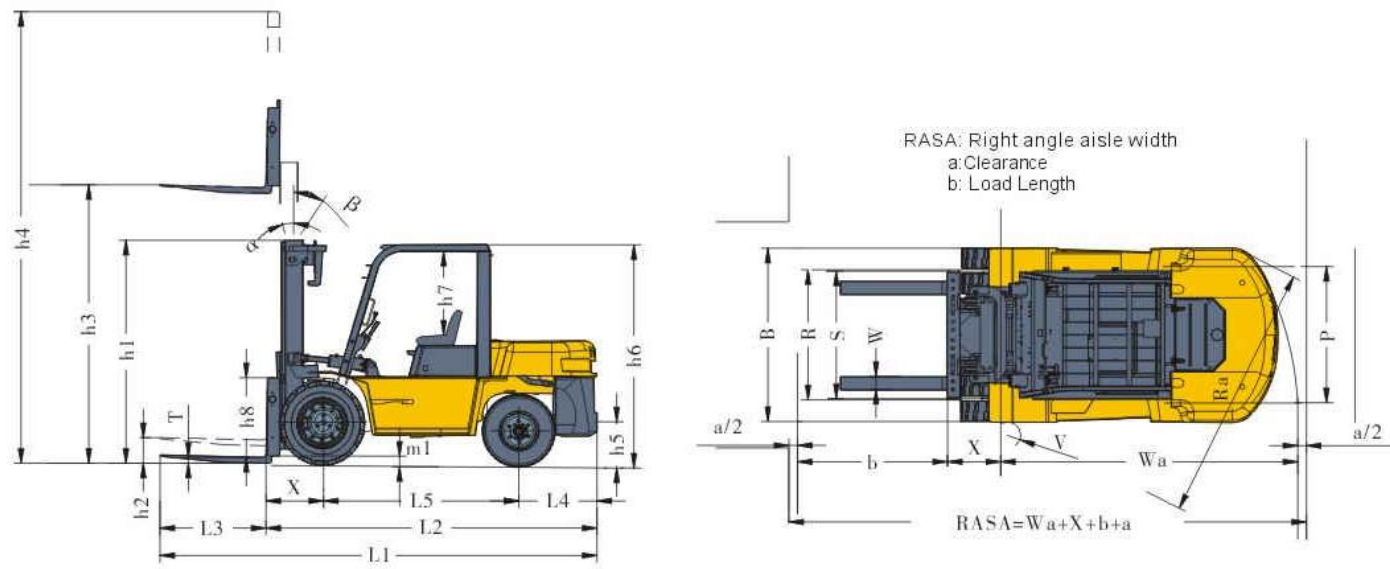


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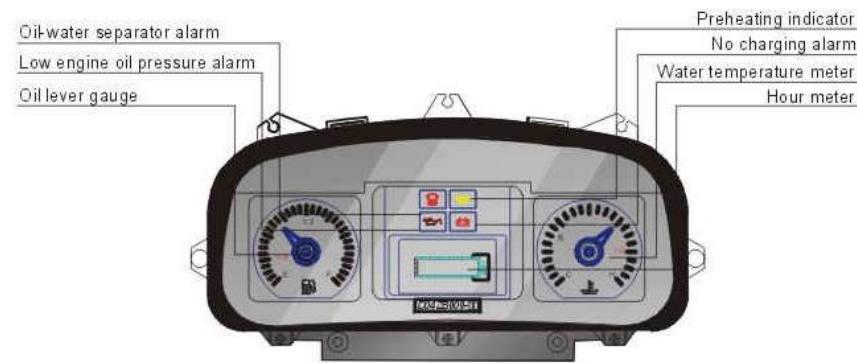
5-7.5 Ton



制造商和技术参数 Manufacturers Data and Design Characteristics						
Characteristics						
11.1	Manufactory			ANHUI HEI CO., LTD.		
1.2	Model			CPCD50	CPCD60	CPCD70
1.3	Type			Diesel Oil		
1.4	Capacity	kg		5000	6000	7000
1.5	Load Center	mm		600		
1.6	Driving mode			Sit-on type		
Size						
2.1	Overall max. lifting height (with backrest)	h4	mm	4420	4420	4420
2.2	Max. Lifting height	h3	mm	3000		
2.3	Height mast retracted (upright)	h1	mm	2500	2500	2500
2.4	Free lift height	h2	mm	200		
2.5	Backrest height (from upper face of forks)	h8	mm	1365		
2.6	Overhead Guard clearance (from face of seat)	h7	mm	1120		
2.7	Overall height (overhead guard)	h6	mm	2450	2450	2450
2.8	Overall length (with forks)	L1	mm	4625	4695	4770
2.9	Overall length (without forks)	L2	mm	3405	3475	3550
2.10	Front overhang	X	mm	590	590	590
2.11	Rear overhang	L4	mm	565	635	710
2.12	Wheel base	L5	mm	2250	2250	2250
2.13	Coupler height	h5	mm	430	430	430
2.14	Min. ground clearance under mast	m1	mm	200	200	200
2.15	Overall width	B	mm	1995	1995	1995
2.16	Lateral fork adjustment (Outside of fork)	R	mm	1845/300	1845/300	1845/300
2.17	Front thread	S	mm	1470	1470	1470
2.18	Rear thread	P	mm	1700	1700	1700
2.19	Inside turning radius	Wa	mm	3250	3300	3360
2.20	Outside turning radius	V	mm	200	200	200
2.21	Min. intersecting aisle	Ra	mm	2960	3000	3040
2.22	Tilting angles (forward/backward)	α/β		6° /12°		
2.23	Fork size a×b×c		mm	55×1220×150	60×1220×150	65×1220×150
70×1220×150						
Performance						
3.1	Max. Traveling speeds (laden/unladen)	km/h		26/28	26/28	26/28
3.2	Lifting Speeds (laden/unladen)	mm/s		550/580	550/580	480/560
3.3	Lowering Speeds (laden/unladen)	mm/s		≤600/≥300		
3.4	Max. Draw-bar pull (laden/unladen)	kN		54	54	54
3.5	Max. Negotiable Gradient (laden/unladen)	%		35/20	32/20	30/20
Weight						
4.1	Service Mass	kg		7980	8570	9170
4.2	Load Wheel laden (Front/Rear)	kg		11660/1320	12990/1580	14420/1750
4.3	Load Wheel unladen (Front/Rear)	kg		4010/3970	3850/4720	3780/5390
2710/7340						
Tyres						
5.1	Wheel (Front/Rear) X=Driving Wheel			4x/2		
5.2	Tyre (Front/Rear)			Pneumatic tyre		
5.3	Tyre size (front)			4-8.25-15-14PR		
5.4	Tyre size (rear)			2-8.25-15-14PR		
5.5	Service Brake			Power brake-pedal type		
5.6	Parking Brake			Mechanism-hand braking rod type		
Drive and transmission control device						
6.1	Battery Voltage/Capacity	V/Ah		2x 12/80		
6.2	Internal Combustion Engine Model			A-6BG1QC-02		
6.3	Engine type			Diesel engine		
6.4	Internal Combustion Engine Rated Output	kW/rpm		82/2000		
6.5	Internal Combustion Engine Rated Torque	Nm/rpm		415/1400-1600		
6.6	Internal Combustion Engine Number of Cylinder			6-105*125		
6.7	Internal Combustion Engine Displacement	L		6.494		
6.8	Internal Combustion Engine Fuel Tank Capacity	L		140		
6.9	Transmission Number of Speed Fwd/Bwd type			2/2- POWER SHIFT		



Meter function diagram



- ✓ Stepping motor core
- ✓ Fit CE electric safety standard
- ✓ Programmable digitization meter
- ✓ Protection degree IP54
- ✓ Loading output port expanding meter function



CPCD50 CPCD60 CPCD70 CPCD75

Note:
Vertical axis stands for load capacity while horizontal axis 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 tilts forward, using non-standard forks or loading goods with extra width. Please notice the different load capacity between different load centers according to load chart.

5-7.5t WIDE VIEW MAST

Mast type	Max. Lifting height (mm)	Loading capacity (load center 500mm) (kg)				Mast overall height (Fork to the ground)(mm)				Service weight (With backrest)(kg)				Mast tilting angle Forward/Backward (deg.)
		CPCD50	CPCD60	CPCD70	CPCD75	CPCD50	CPCD60	CPCD70	CPCD75	CPCD50	CPCD60	CPCD70	CPCD75	
M200	2000	5000	6000	7000	-	2000	-	7836	8496	9206	-	-	6-12	
M250	2500	5000	6000	7000	7500	2250	2317	7900	8560	9270	9991	-	6-12	
M270	2700	5000	6000	7000	7500	2350	2417	7930	8590	9300	10013	-	6-12	
M300	3000	5000	6000	7000	7500	2500	2567	7980	8640	9350	10040	-	6-12	
M330	3300	5000	6000	7000	7500	2650	2717	8030	8690	9400	10089	-	6-12	
M350	3500	5000	6000	7000	7500	2750	2817	8060	8720	9440	10118	-	6-12	
M375	3750	5000	6000	7000	-	2875	-	8100	8760	9480	-	-	6-12	
M400	4000	5000	6000	7000	7500	3050	3117	8270	8930	9650	10328	-	6-12	
M425	4250	5000	6000	7000	7500	3175	3242	8310	8970	9690	10368	-	6-12	
M450	4500	5000	6000	7000	7500	3300	3367	8350	9010	9730	10409	-	6-12	
M475	4750	5000	6000	7000	-	3425	-	8390	9050	9770	-	-	6-6	
M500	5000	5000	6000	7000	7500	3550	3617	8430	9090	9810	10490	-	6-6	
M550	5500	4750	5700	6600	7000	3850	3917	8630	9290	10000	10684	-	3-6	
M600	6000	4400	5400	6400	6700	4100	4167	8710	9370	10080	10766	-	3-6	

Note: optional mast tilting angle for K7.5t with mast lower than 4m: forward 10° /backward 12°

5-7t WIDE VIEW FULL FREE 2-STAGE MAST

Mast type	Max. Lifting height (mm)	Loading capacity (load center 500mm) (kg)				Mast overall height (Fork to the ground)(mm)			Service weight (With backrest)(kg)			Free lift (with backrest) (mm)	Mast tilting angle Forward/Backward (deg.)
		CPCD50	CPCD60	CPCD70	CPCD75	CPCD50	CPCD60	CPCD70	CPCD50	CPCD60	CPCD70		
ZM250	2500	5000	6000	7000	2210	8010	8670	9380	840	6-12			
ZM270	2700	5000	6000	7000	2310	8040	8700	9410	940	6-12			
ZM300	3000	5000	6000	7000	2460	8090	8750	9460	1090	6-12			
ZM330	3300	5000	6000	7000	2610	8140	8800	9510	1240	6-12			
ZM350	3500	5000	6000	7000	2710	8170	8830	9540	1340	6-12			
ZM375	3750	5000	6000	7000	2835	8210	8870	9580	1465	6-12			
ZM400	4000	5000	6000	7000	3010	8370	9030	9740	1640	6-12			
ZM425	4250	5000	6000	7000	3135	8410	9070	9780	1765	6-12			
ZM450	4500	5000	6000	7000	3260	8450	9110	9820	1890	6-12			
ZM475	4750	5000	6000	7000	3385	8490	9150	9860	2015	6-6			
ZM500	5000	5000	6000	7000	3510	8530	9190	9900	2140	6-6			
ZM550	5500	4750	5700	6600	3810	8730	9390	10100	2440	3-6			
ZM600	6000	4400	5400	6400	4060	8810	9470	10180	2690	3-6			

Note: 5-6t truck without backrest free lifting height: +465mm
7t truck without backrest free lifting height: +310mm

5-7t WIDE VIEW FULL FREE 3-STAGE MAST

Mast type	Max. Lifting height (mm)	Loading capacity (load center 500mm) (kg)				Mast overall height (Fork to the ground)(mm)			Service weight (With backrest)(kg)			Free lift (with backrest) (mm)	Mast tilting angle Forward/Backward (deg.)
		CPCD50	CPCD60	CPCD70	CPCD75	CPCD50	CPCD60	CPCD70	CPCD50	CPCD60	CPCD70		
ZSM360	3600	4500	5600	6200	2335	8670	9330	10020	910	6-6			
ZSM400	4000	4500	5600	6200	2470	8730	9390	10080	1040	6-6			
ZSM435	4350	4500	5600	6200	2585	8790	9450	10120	1156	6-6			
ZSM480	4800	4500	5600	6200	2740	8980	9640	10310	1310	6-6			
ZSM500	5000	4500	5600	6200	2805	9010	9670	10340	1380	3-6			
ZSM540	5400	4200	5300	6000	2940	9080	9740	10510	1510	3-6			
ZSM600	6000	4000	5000	5600	3140	9170	9830	10690	1710	3-6			
ZSM650	6500	3500	4500	5000	3405	9280	9940	10810	1975	3-6			
ZSM700	7000	3200	4000	4500	3515	9390	10050	10920	2085	3-6			

Note: 5-6t truck without backrest free lifting height: +465mm
7t truck without backrest free lifting height: +310mm