

Mast parameters													
Mast type	Mast model	Max. lifting height (mm)	Load capacity (load center 600mm)(Kg)			Mast height (mm)			Free lifting height (with backrest) (mm)	Service weight (kg)			Mast tilting angle F/R (α/β) (deg.)
			CPCD50	CPCD60	CPCD70	Fork lowered	Fork extended (with backrest)	Fork extended (without backrest)		CPCD50	CPCD60	CPCD70	
Wide View Standard Mast	M220	2200	5000	6000	7000	2285	3567	3542	160	8896	9316	9736	15°/15°
	M250	2500	5000	6000	7000	2435	3867	3842	160	8934	9354	9774	15°/15°
	M270	2700	5000	6000	7000	2535	4067	4042	160	8961	9381	9801	15°/15°
	M300	3000	5000	6000	7000	2685	4367	4342	160	9000	9420	9840	15°/15°
	M330	3300	5000	6000	7000	2835	4667	4642	160	9039	9459	9879	15°/15°
	M350	3500	5000	6000	7000	2935	4867	4842	160	9065	9485	9905	15°/15°
	M375	3750	5000	6000	7000	3060	5117	5092	160	9098	9518	9938	15°/15°
	M400	4000	5000	6000	7000	3235	5367	5342	160	9231	9615	10071	15°/15°
	M425	4250	5000	6000	7000	3360	5617	5592	160	9263	9683	10103	15°/15°
	M450	4500	5000	6000	7000	3485	5867	5842	160	9296	9716	10136	15°/15°
	M475	4750	5000	6000	7000	3610	6117	6092	160	9329	9749	10169	15°/10°
	M500	5000	5000	6000	7000	3735	6367	6342	160	9362	9782	10202	15°/10°
M550	5500	4750	5700	6600	4035	6867	6842	160	9526	9946	10366	15°/10°	
M600	6000	4400	5400	6400	4285	7367	7342	16	9592	10012	10432	15°/10°	
Wide View Full Free 2-Stage Mast	ZM220	2200	2000	2500	3000	2285	3567	3577	858	8946	9366	9786	15°/15°
	ZM250	2500	5000	6000	7000	2435	3867	3877	1008	8984	9404	9824	15°/15°
	ZM270	2700	5000	6000	7000	2535	4067	4077	1108	9011	9431	9851	15°/15°
	ZM300	3000	5000	6000	7000	2685	4367	4377	1258	9050	9470	9890	15°/15°
	ZM330	3300	5000	6000	7000	2835	4667	4677	1408	9089	9509	9929	15°/15°
	ZM350	3500	5000	6000	7000	2935	4867	4877	1508	9115	9535	9955	15°/15°
	ZM375	3750	5000	6000	7000	3060	5117	5127	1633	9148	9568	9988	15°/15°
	ZM400	4000	5000	6000	7000	3235	5367	5377	1808	9281	9701	10121	15°/15°
	ZM425	4250	5000	6000	7000	3360	5617	5627	1933	9313	9733	10153	15°/15°
	ZM450	4500	5000	6000	7000	3485	5867	5877	2058	9346	9766	10186	15°/15°
	ZM475	4750	5000	6000	7000	3610	6117	6127	2183	9379	9799	10219	15°/10°
	ZM500	5000	5000	6000	7000	3735	6367	6377	2308	9412	9832	10252	15°/10°
ZM550	5500	4750	5700	6600	4035	6867	6877	2608	9576	9996	10416	15°/10°	
ZM600	6000	4400	5400	6400	4285	7367	7377	2858	9642	10062	10482	15°/10°	
Wide View Full Free 3-Stage Mast	ZSM360	3600	4500	5600	6200	2560	4967	4977	1133	9538	9958	10378	15°/10°
	ZSM400	4000	4500	5600	6200	2685	5367	5377	1258	9597	10017	10437	15°/10°
	ZSM435	4350	4500	5600	6200	2810	5717	5727	1383	9652	10072	10492	15°/10°
	ZSM450	4500	4500	5600	6200	2860	5867	5877	1433	9690	10110	10530	15°/10°
	ZSM480	4800	4500	5600	6200	2965	6167	6177	1538	9727	10147	10567	15°/10°
	ZSM500	5000	4500	5600	6200	3030	6367	6377	1603	9755	10175	10595	10°/10°
	ZSM540	5400	4200	5300	6000	3165	6767	6777	1738	9820	10240	10660	10°/10°
	ZSM550	5500	4100	5200	5800	3195	6867	6877	1768	9910	10330	10750	10°/10°
ZSM600	6000	4000	5000	5600	3360	7367	7377	1933	10003	10423	10843	10°/10°	

5-7 t

G3 series Internal Combustion Counterbalanced Rough Terrain Forklift Truck



ANHUI HELI CO., LTD.

Add / No.668, FangXing Road, Hefei, China

Fax / +86-551-63639966

Tel / +86-551-63639068(America); 63639258(Europe); 63639358(Asia); 63662105(Africa & Middle East)



LinkedIn



YouTube



Facebook

Superior braking performance

- **Dedicated wet-type drive axle**
Reliable braking, maintenance free, easy to handle various complex road conditions.
- **Dedicated steering drive axle**
The truck has higher safety and stability, and is suitable for operations in mountainous areas, mining areas, and other areas with poor road environment.
- **Dedicated gearbox**
Multi speed flexible-connected gearbox, balancing efficiency and performance.
- **Central parking brake**
Low operating force, strong braking force.



5-7t G3 series Internal Combustion Counterbalanced Rough Terrain Forklift Truck

Safe, reliable, and convenient maintenance



Ratchet type hand brake is reliable and has low operating force.



Front 3 and rear 1 electro-hydraulic reversing is convenient and reliable.



Equipped with two wheel drive/four wheel drive switching function, two wheel drive and four wheel drive can be switched at any time. It is convenient.



New LCD instrument with clear information display at a glance.



The hood has a large opening angle, greatly improving maintenance space.



Equipped with intake cap as standard, the intake method is more scientific and reliable.



Equipped with high exhaust as standard, which is humanized design, anti water spray and thermal insulation.



The oil filler is equipped with a lock, which is safe and reliable.



Anti slip boarding pedal is more beautiful and practical.

HELI

Manufacturer and Technical Data

Characteristics					
1.01	Manufacturer	HELI			
1.02	Model	CPCD50	CPCD60	CPCD70	
1.03	Rated capacity	kg	5000	6000	7000
1.04	Load center distance	mm	600		
1.05	Power mode	Diesel			
1.06	Driving mode	Seat-type			
Weight					
2.01	Total weight	kg	9000	9400	9800
Wheels and tyres					
3.01	Tyre type	Tubeless			
3.02	Wheels, number front/rear (x=driven wheels)	2/2			
3.03	Tyre size, front	445/65-22.5TL			
3.04	Tyre size, rear	12.5/80-18TL			
Dimensions					
4.01	Lifting height (standard)	H	mm	3000	
4.02	Height (mast lowered)	H1	mm	2685	
4.03	Max. Lifting height, mast extended (with backrest)	H2	mm	4367	
4.04	Free lifting height	H3	mm	160	
4.05	Overall height (overhead guard)	H4	mm	2570	
4.06	Min. Ground clearance (between mast)	H5	mm	385	
4.07	Height of backrest (from the fork surface)	H13	mm	1370	
4.08	Overall length (with/without fork)	L/L'	mm	4960/3740	4990/3770 5020/3800
4.09	Wheelbase(F/R)	L1	mm	2300	
4.10	Front overhang	L2	mm	735	
4.11	Rear overhang	L3	mm	720	750 780
4.12	Overall width	W1	mm	2180	
4.13	Tread(front/rear)	W3	mm	1700/1800	
4.14	Fork adjustment range (max./min. outside distance of fork)	W5	mm	2000/300	
4.15	Min. Turning radius	r	mm	4450	4480 4510
4.16	Mast tilt angle (F/R)	α/β	$^{\circ}$	15 $^{\circ}$ /15 $^{\circ}$	
4.17	Fork size: thickness x width x length	TxWxL4	mm	55x150x1220	60x150x1220 65x150x1220
4.18	Min. Right angle stacking aisle width for pallet	Ra	mm	5500	5550 5600
Performance Data					
5.01	Travelling speed ,laden/unladen	km/h	30/32		
5.02	Lifting speed ,laden/unladen	mm/s	480/52		
5.03	Lowering speed ,laden/unladen	mm/s	370/350		
5.04	Max. drawbar pull, laden	kN	123		
5.05	Max. gradeability, laden	%	68	64	60
Transmission					
6.01	Transmission gears (front/rear)	3-1 Power shift M/T			
Combustion-engine					
7.01	Engine manufacturer/Model	CUMMINS F3.8 (CU1Y4G3)	CUMMINS F3.8 (CU3Y4G3)	CUMMINS F4.5	QUANCHAI S45 (QC4Y4G3)
7.02	Rated power/Speed	kW/rpm	90/2200	86/2200	89/2200 85/2200
7.03	Max. torque/Speed	Nm/rpm	500/1500	470/1320	500/1400-1700 440/1000
7.04	Cylinder number-bore x stroke Engine displacement	/L	4-102x115/3.8	4-102x115/3.8	4-107x124/4.5 4-105x124/4.29
7.05	Emission		Europe V	Europe III A	CHINA IV CHINA IV

