

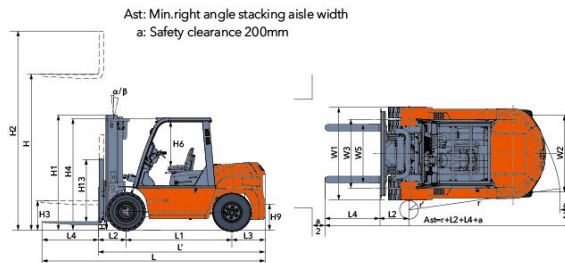
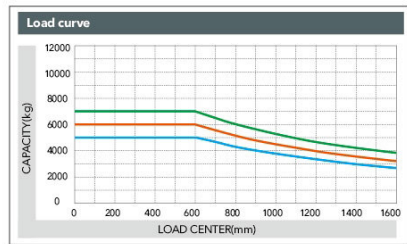


G 5-7t G Series Internal Combustion Counterbalanced Forklift Truck



Characteristic						
1.01	manufacturer	HELI				
1.02	Model	CPCD50-DE1G	CPCD60-DE1G	CPCD70-DE1G		
1.03	Load Capacity	kg	5000	6000	7000	
1.04	Load Centre	mm	600			
1.05	Power Type	Diesel fuel / Diesel				
1.06	Driving style	Seat-type				
1.07	Front Tire	8.25-15-14PR				
Dimension Parameter						
2.01	Lifting Height(standard)	H	mm	3000		
2.02	Mast Tilt(fwd/bwd)	α/β	deg	6/12		
2.03	Min.Turning Radius	Wa	mm	3240	3300	3370
2.04	Overall Length(with Forks)	L	mm	4710	4790	4840
2.05	Overall Width	W1	mm	2045		
2.06	Overall Height(mast without activity)	H4	mm	2450		
2.07	Wheel Base	L1	mm	2300	2300	2300
2.08	Tread(fwd/bwd)	W3/W4	mm	1520/1700		
2.09	Overhang(fwd/bwd)	L2/L4	mm	590/600	595/675	600/720
2.10	Min.Under clearance	H5	mm	200	200	200
2.11	Lateral Fork Adjustment(Outside of Forks)	W5	mm	300/1845		
2.12	Fork Length	L3	mm	1220		
2.13	Fork Width/Thickness	W/T	mm	55/150	60/150	65/150
Performance Parameter						
3.01	Lifting Speed(Loaded/Unloaded)	mm/s	470/520	430/520	395/520	
3.02	Lowing Speed	mm/s	WITHOUT LOAD \geq 300 WITH FULL LOAD \leq 600			
3.03	Traveling Speed(Loaded/Unloaded)	km/h	22/25			
3.04	Max.Gradeability	%	36/19	34/19	33/19	
Engine and Gearbox						
4.01	Engine Manufacturer/Model	Deutz TCD 3.6 L04				
4.02	Cyl. Number/Displacement	/L	4/3.6			
4.03	Rated Power/Rated	kW/rpm	55.4/2200			
4.04	Max. Torque/Rated	Nm/rpm	390/1300			
4.05	Gearbox	Intelligent gear shifting				

CPCD50 CPCD60 CPCD70



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AUTHORIZED DEALER

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G series / INTELLIGENT ENVIRONMENT-FRIENDLY



HELI
LIFTING THE FUTURE

25 YEARS TOP1 FORKLIFT MANUFACTURER AND SALER IN CHINA FOR CONSECUTIVE 25 YEARS



FEATURES OF THE COMPLETED TRUCK



HEAT DISSIPATION

- > With the optimized cooling system and great cooling performance, highly improved the reliability and durability of many key parts such as transmission and engine, etc.

RELIABILITY

- > Key parts like frame and mast apply CAE top-down design to improve their strength and make the truck tough.

COMFORT

- > Man-machine engineering design improves operation comfort; wide view lifting system improves vision; lower buffering (standard)



DAMPING

- > With suspension damping structure on overhead guard(cab) and optimized design for the transmission, the whole trucks's vibration reduced a lot and relieve driver's fatigue greatly.

ENERGY EFFICIENCY

- > With optimized hydraulic system, the truck is more energy-efficient and lower fuel consumption.

INTELLIGENT GEAR SHIFTING

- > With electronic-hydraulic reversing system as standard configuration, make operation more convenient and easy; The updated new intelligent gear shifting system could avoid starting with second gear, improves the transmission box's reliability.



MAINTAINABILITY

- > Independent integral electric control box reduces electric fault and is easy for maintenance; Engine hood open angle is enlarged to 80° and is convenient for repair.



Reliable output

- > German made diesel engine, quality of first class.
- > Maintenance free "DOC only" exhaust afterment, result in low maintenance cost and better machine availability
- > Best cold performance(-30°C with DEUTZ preheat system) ensures reliable operation under extreme condition.

Best in class performance

- > Powerful DEUTZ Common Rail (DCR) injection system and electronic engine control (EMR4) ensure maximum engine performance at low fuel cost
- > High torque output(390Nm@1300rpm) tailor made for forklift application

Cost saving

- > 500h oil change interval and a maintenance free valve train result in low maintenance cost and increase machine availability
- > Oil consumption rate

Clean power

- > Meet the requirement of EU Stage IIIB/ EPA Tier 4F emission standard.
- > Future-proof, Stage V ready.



ENGINE INFORMATION

Engine type		Deutz TCD 3.6 L04
Cyl. Number/Displacement	/L	4/3.6
Bore/stroke	mm	98/120
Rated Power/ Speed	kW/rpm	55.4/2200
Max. Torque/ Speed	Nm/rpm	390/1300
Minimum idling speed	rpm	800
Specific fuel consumption	g/kWh	209
Weight as per DIN 70020 Part 7A	kg	350