

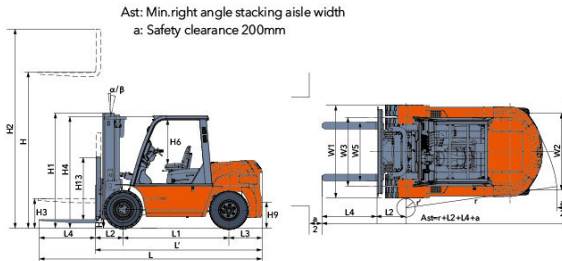
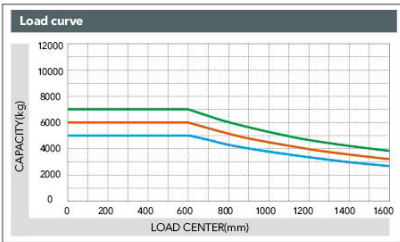


G 5-7t G Series Internal Combustion Counterbalanced Forklift Truck



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



5-7t G Series Internal Combustion Counterbalanced Forklift Truck



DEUTZ TCD3.6

HELI
LIFTING THE FUTURE

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



FEATURES OF THE COMPLETED TRUCK



HEAT DISSIPATION

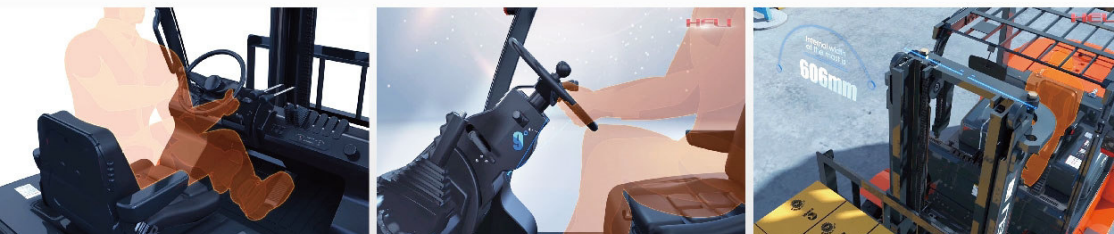
- > With the optimized cooling system and great cooling performance, highly improved the reliability and durability of many key parts such as transmission and engine, etc.

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