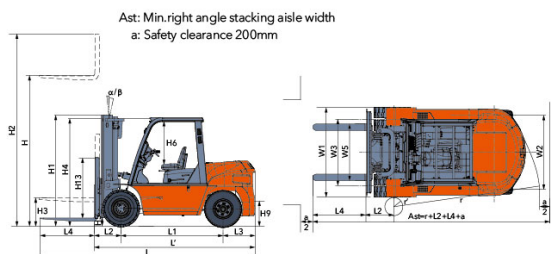
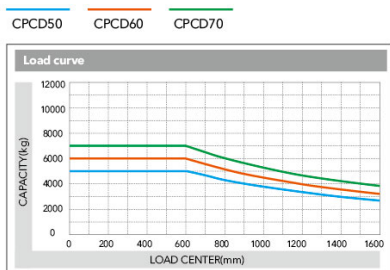


Characteristic								
1.01	manufacturer		HELI					
1.02	Model		CPCD50-DE1G	CPCD60-DE1G	CPCD70-DE1G	CPCD50-DE2G	CPCD60-DE2G	CPCD70-DE2G
1.03	Load Capacity	kg	5000	6000	7000	5000	6000	7000
1.04	Load Centre	mm	600					
1.05	Power Type		Diesel fuel / Diesel					
1.06	Driving style		Seat-type					
1.07	Front 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
2.04	Overall Length(with Forks)	L	4710	4790	4840	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
2.08	Tread(fwd/bwd)	W3/W4	mm					1520/1700
2.09	Overhang(fwd/bwd)	L2/L4	590/600	595/675	600/720	590/600	595/675	600/720
2.10	Min. Under clearance	H5	mm					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	WT	55/150	60/150	65/150	55/150	60/150	65/150
Performance Parameter								
3.01	Lifting Speed(Loaded/Unloaded)	mm/s	470/520	430/520	395/520	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	36/19	34/19	33/19
Engine and Gearbox								
4.01	Engine Manufacturer/Model		Deutz TCD3.6 L4(EPA Tier 4F)			Deutz TCD3.6 L4 (EPA Tier 4F/EU StageV)		
4.02	Cyl. Number/Displacement	/L	4/3.6					
4.03	Rated Power/Rated	kW/rpm	55.4/2200			55.4/2200		
4.04	Max. Torque/Rated	Nm/rpm	390/1300			406/1300		
4.05	Gearbox		Intelligent gear shifting					

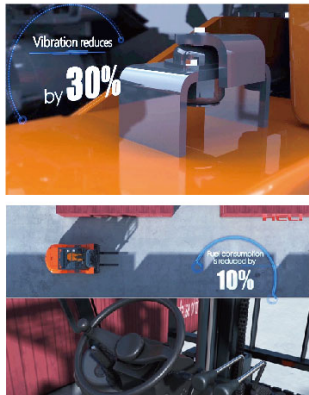
5-7 t G series Internal Combustion Counterbalanced Forklift Truck



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);
63639530(Key Accounts Division); 63662105(Wheel loader)

» FEATURES OF THE COMPLETED TRUCK



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.

HEAT DISSIPATION

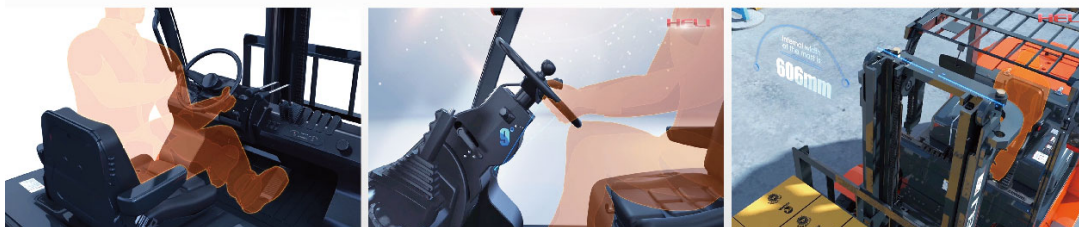
- > With the optimized cooling system and great cooling performance, highly improved the reliability and durability of many key parts such as transmission and engine, etc.

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)



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+DPF only" exhaust afterment, result in low maintenance cost and better machine availability
- > Best cold performance(-30℃ 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(406Nm@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 V/ EPA Tier 4F emission standard.
- > Future-proof, Stage V ready.



ENGINE INFORMATION

		Deutz TCD 3.6 L4
Engine type		Deutz TCD 3.6 L4
Cyl. Number/Displacement	/L	4/3.6
Bore/stroke	mm	98/120
Rated Power/ Speed	kW/rpm	55.4/2300
Max. Torque/ Speed	Nm/rpm	406/1300
Minimum idling speed	rpm	800
Specific fuel consumption	g/kWh	209
Weight as per DIN 70020 Part 7A	kg	350