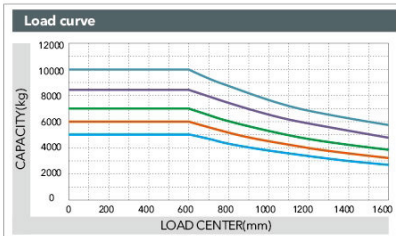


5-10t G Series IC Counterbalanced Trucks

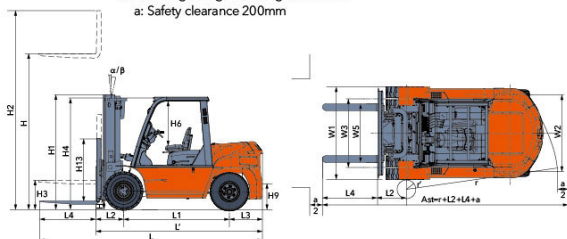


Characteristic		HELI							
1.01	manufacturer								
1.02	Model	CPCD50-CU7G	CPCD60-CU7G	CPCD70-CU7G	CPCD85-CU7G	CPCD100-CU7G			
1.03	Load Capacity	kg	5000	6000	7000	8500	10000		
1.04	Load Centre	mm	600						
1.05	Power Type	Diesel							
1.06	Driving style	Seat-type							
1.07	Front Tire	8.25-15-14PR			9.00-20-14PR				
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	3650	3900	
2.04	Overall Length(with Forks)	L	mm	4710	4790	4840	5175	5430	
2.05	Overall Width	W1	mm	2045			2165		
2.06	Overall Height(mast without activity)	H4	mm	2450			2560		
2.07	Wheel Base	L1	mm	2300	2300	2300	2500	2755	
2.08	Tread(fwd/bwd)	W3/W4	mm	1520/1700			1600/1700		
2.09	Overhang(fwd/bwd)	L2/L4	mm	590/600	595/675	600/720	707/755	722/715	
2.10	Min Under clearance	H5	mm	200	200	200	250	250	
2.11	Lateral Fork Adjustment(Outside of Forks)	W5	mm	300/1845		348/1944		420/2160	
2.12	Fork Length	L3	mm	1220				1220	
2.13	Fork Width/Thickness	W/T	mm	55/150	60/150	65/150	70/170	80/175	
Performance Parameter									
3.01	Lifting Speed(Loaded/Unloaded)	mm/s	490/520	490/520	490/520	400/420	330/350		
3.02	Lowing Speed	mm/s	WITHOUT LOAD ≥ 300 WITH FULL LOAD ≤ 600						
3.03	Traveling Speed(Loaded/Unloaded)	km/h	29/31	29/31	29/31	30/32	30/32		
3.04	Max Gradeability	%	42/20	36/20	32/20	24/20	21/20		
Engine and Gearbox									
4.01	Engine Manufacturer/Model	Cummins QSF3.8T4F							
4.02	Cyl. Number/Displacement	/L	4/3.8						
4.03	Rated Power/Rated Speed	kW/rpm	89/2200						
4.04	Max. Torque/Rated Speed	Nm/rpm	488/1600						
4.05	Gearbox	Intelligent gear shifting							
Standard		Optional							
9 inches Donaldson air cleaner	Two-spools control valve	Cab	OPS for lifting						
API cooler	Hydraulic powered steering	Warning light	Integrated side shifting						
Electro-hydraulic reversing		Suspension seat	Wet type brake						
Intelligent gear shifting		Heater							
Pneumatic tyre		Solid tyre							
OPS for travelling		Air conditioner							

CPCD50 CPCD60 CPCD70 CPCD85 CPCD100



Ast: Min. right angle stacking aisle width
a: Safety clearance 200mm



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AUTHORIZED DEALER

* Our products are subject to improvements and changes without notice.

Catalog No.180330 Fokell Print

G series / INTELLIGENT ENVIRONMENT-FRIENDLY

5-10t G series
IC Counterbalanced Trucks



Tailored For Forklift. **QSF3.8T4F**

HELI
LIFTING THE FUTURE

» FEATURES OF THE COMPLETED TRUCK



Damping

- › Suspension cab and powered transmission system effectively reduce truck vibration.

Energy efficiency

- › Constant displacement pump load sensing steering system effectively is used which reduces truck fuel consumption.

Noise reduction

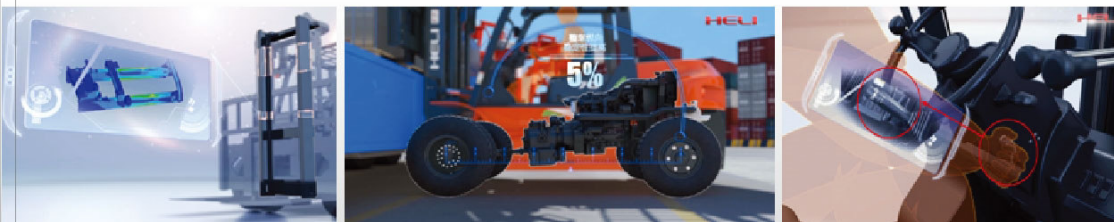
- › Noise is reduced through fully sealed cab and application of high performance sound absorbing material on panels such as engine hood, cooler cover and so on.

Environmental friendliness

- › Cummins QSF3.8 T4F high performance engine is adopted and the truck meets Euro IV and Tier 4F emission standard.
- › Aftertreatment emission automatic monitoring system realizes real time emission control and ensures that the truck meets emission standards.

Safety

- › CAE forward design is applied on key parts such as frame, mast, overhead guard and so on which ensures truck strength and makes truck tougher.
- › OPS for travelling function and OPS system for lifting system (optional) can protect the safety of operator better.
- › Truck longitudinal stability is improved through optimized wheelbase and structure of balance weight and thus the truck is more stable when loading and unloading goods and travelling.
- › Neutral starting and neutral indicator avoids engine starting with load caused by mis-operation.



Reliability

- › API enlarged cooler and 9 inches Donaldson air cleaner ensure high working efficiency of engine.
- › Intelligent gear shifting system avoids starting on second gear and improves transmission working reliability.
- › The truck applies electronic control network and CAN bus communication; water-proof level of key electronic parts reaches IP67.

Convenient

- › The fuel tank and DEF box match well to ensure that the adding intervals of fuel and urea are consistent.
- › The separated integrating electric control box is waterproof, dustproof, heat insulation and greasy dirt insulation which reduces failure rate of electric parts and facilitates maintenance.
- › The max. opening angle of engine hood reaches 80° to provide wide space for check and maintenance.

Comfort

- › Interactive ergonomic design improves operation comfort.
- › Optimized position of steering wheel adjusting mechanism makes adjusting easy and reliable.
- › Wide view lifting system Improves visibility. Buffering at the low end is standard.
- › The electro-hydraulic reversing system is standard and it makes operation easy and convenient.



Tailored For Forklift. **Cummins QSF3.8T4F**

CUMMINS QSF3.8T4F Engine

› Powerful engine

The four-cylinder, turbo-charged engine is built for power, reliability and economy. This engine meets EPA Tier 4F and EU Stage IV emissions regulations.

› Excellent fuel efficiency

These new models feature improved fuel consumption compared to previous models.

› High torque at low speeds

› Excellent transient behavior

