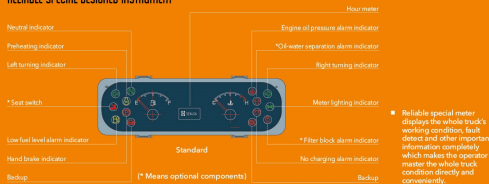


RELIABLE SPECIAL DESIGNED INSTRUMENT



Standard configuration

- Hour meter
- Horn
- Oil pressure alarm
- Control valve
- Wholly hydraulic powered steering
- Rubber pad
- Backrest
- Rear view mirror
- Front combined lamp (LED light)
- Transmission oil filter
- Engine flame out device
- Ratchet type parking brake
- Water temperature meter
- Driver's tools
- Rear combined lamp(LED)
- Reversing buzzer
- Tilt-lock valve
- Tilt adjustable steering column
- Back view mirror

Optional

- Overhead guard
- Standard fork
- Neutral gear switch
- Hydraulic circuit oil filter
- Electro-hydraulic changing-over
- Intelligent shift
- Speed limiting valve
- Oil level gauge
- Charging indicator
- Wide view mast
- Air intake device
- Durable tire with decorative pattern
- Lifting and tilting operating handles
- Traction pin
- Semi-suspension seat
- Hydraulic oil dipstick
- Overhead guard/rain cover
- Torque converter oil dipstick
- Combined instrument

Driver's cab

- User-specified color
- Optional attachments
- High air exhausting device
- Double air cleaner
- Suspension seat
- Fork extension
- Heater
- Solid tyre
- Widen fork carriage
- Wind shield
- Purifying muffler
- Fire extinguisher muffler
- Fire extinguisher
- Rear working light
- Air conditioner (certain type)
- Hydraulic oil dipstick
- Torque converter oil temperature meter
- Tilting cylinder sleeve
- Steering cylinder sleeve



© series / INTELLIGENT ENVIRONMENT-FRIENDLY

5-10 t
G SERIES INTERNAL COMBUSTION
COUNTERBALANCED FORKLIFT TRUCK

G SERIES INTERNAL COMBUSTION
COUNTERBALANCED FORKLIFT TRUCK 5-10 t

Technical features remarkably improved

Damping

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

Noise reduction

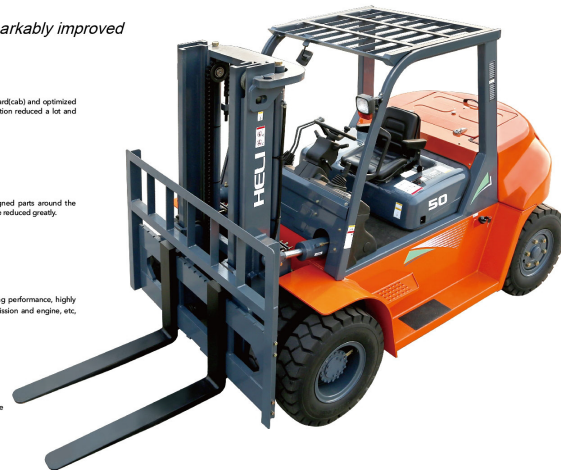
- Equipped with fully sealed cab and optimize designed parts around the engine, noise nearby ear and the truck sound level are reduced greatly.

Heat dissipation

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

Energy efficiency

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



Comfort

- Man-machine engineering design improves operation comfort; wide view lifting system improves vision.

Intelligent gear shifting

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

Maintainability

- Wider internal space, more reasonable parts layout and 80°hood opening angle make maintenance easy.

Reliability

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



Independent integrated electric cabinet

LED signal (standard configuration)

Ratchet type parking brake

Intelligent gear shifting

Steering wheel lock mechanism

Locked fuel tank cover

Folder

Manufacturer and technical parameters

Characteristics		HELI				
Manufacturer		CPGD50	CPGD60	CPGD70	CPGD85	CPGD100
1.01 Model		CPGD50	CPGD60	CPGD70	CPGD85	CPGD100
1.03 Power type		Diesel				
1.04 Rated capacity	Q kg	5000	6000	7000	8500	10000
1.05 Load center	C mm	600				
1.06 Driving mode		Sit-on type				
Dimensions						
2.01 Mast height (extended with backrest)	H2 mm	4400	4400	4400	4420	4415
2.02 Max. fork height	H mm	3000	3000	3000	3000	3000
2.03 Mast height, lowered	H1 mm	2500	2500	2500	2700	2650
2.04 Free lift	H3 mm	200	200	200	200	200
2.05 Backrest height (calculated from the fork surface)	H13 mm	1360	1350	1345	1360	1345
2.06 Overhead guard clearance (from face of seat)	H6 mm	1060	1060	1060	1060	1060
2.07 Overhead guard height	H4 mm	2450	2450	2450	2560	2560
2.08 Overall length (with forks)	L mm	4710	4790	4840	5180	5430
2.09 Overall length (without forks)	L1 mm	3490	3570	3620	3955	4210
2.10 Front overhang	L2 mm	590	595	600	707	722
2.11 Rear overhang	L3 mm	600	675	720	755	715
2.12 Wheel base	L1 mm	2300	2300	2300	2500	2775
2.13 Track pin center height	H9 mm	410	410	410	520	520
2.14 Min. Ground clearance (from bottom of mast)	H5 mm	200	200	200	250	250
2.15 Truck body width	W1 mm	2045	2045	2045	2165	2165
2.16 Lateral fork adjustment (outside of fork) (max./min.)	W6 mm	300-1835	300-1835	348-1944	420-2060	
2.17 Front tread	W3 mm	1520	1520	1520	1600	1600
2.18 Rear tread	W2 mm	1700	1700	1700	1700	1700
2.19 Min. Turning radius (external)	r mm	3240	3300	3370	3650	3900
2.20 Min. Turning radius (internal)	r' mm	200	200	200	200	200
2.21 Min. intersecting angle	α mm	3200	3260	3330	3590	3860
2.23 Mast tilting angle (forward/rear)	α/β °	6/12	6/12	6/12	6/12	6/12
2.24 Fork size	L mm	55X1220X150	60X1220X150	65X1220X150	70X1220X170	80X1220X175
Type		KvX2				
3.01 Wheel number (front/rear)		Pneumatic 7/20-3.0-14PR				
3.02 Type type (front/rear)		7.00-20-14PR				
3.03 Type size (front)		8.25-15-14PR				
3.04 Type size (rear)		8.25-15-14PR				
Specifications of the brake and transmission devices						
4.01 Battery (voltage/capacity)	V/Ah	2X12/80				
4.02 Service brake		Powered brake-pedal type				
4.03 Parking brake		Mechanical hand-brake lever type				
4.04 Oil tank capacity	L	160				
4.05 Transmission type		Intelligent gear shifting				
4.06 Transmission number of speed (red/blue)		2/2				
Truck specifications						
5.01 Max. Traveling speed (loaded/unloaded)	km/h	24/29	24/29	24/29	24/28	24/28
5.02 Lifting speed (loaded/unloaded)	mm/s	510/530	510/530	500/530	390/420	330/350
5.03 Lowering speed (loaded/unloaded)	mm/s	WITHOUT LOAD±300 WITH FULL LOAD±600				
5.04 Max. Draw bar (loaded)	kN	63	63	62	60	58
5.05 Max. Gradability (loaded/unloaded)	%	38/19	35/19	32/19	23/20	21/20
5.06 Weight (oil included)	kg	6300	9030	14650	11550	12640
5.07 Ash load (loaded)/front/rear	kg	11940/1340	13400/1540	14500/1650	17845/2025	20167/2493
5.08 Ash load (unloaded)/front/rear	kg	4130/4170	4004/4490	3870/5780	5082/6468	5570/7090
Engine specifications						
6.01 Engine manufacturer /mode		XICHAI CA6110				
6.02 Engine rated power/rotational speed	Cw/rpm	83/2000				
6.03 Engine rated torque/rotational speed	km/rpm	450/1400-1500				
6.04 Cylinder number		6				
6.05 Engine displacement	L	7.127				

Optional engine model and truck main specifications

Truck specifications																											
Manufacturer		CPGD50	CPGD60	CPGD70	CPGD85	CPGD100	CPGD50	CPGD60	CPGD70	CPGD85	CPGD100	CPGD50	CPGD60	CPGD70	CPGD85	CPGD100	CPGD50	CPGD60	CPGD70	CPGD85	CPGD100	CPGD50	CPGD60	CPGD70	CPGD85	CPGD100	
Max. Traveling speed (loaded/unloaded)	km/h	24/30	26/30	26/30	26/30	26/30	24/30	24/30	25/29	25/29	25/29	25/29	25/29	25/29	26/30	26/30	24/30	24/30	28/30	28/30	28/30	24/30	24/30	24/30	24/30	24/30	
Lifting speed (loaded/unloaded)	mm/s	530/550	530/550	510/540	390/420	330/350	560/570	550/570	510/550	510/550	500/550	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	400/420	
Lowering speed (loaded/unloaded)	mm/s	WITHOUT LOAD±300 WITH FULL LOAD±600																									
Max. Draw bar (loaded)	kN	60	60	60	60	58	60	60	60	60	60	58	60	60	60	58	60	60	60	60	60	60	60	60	60	60	
Max. Gradability (loaded/unloaded)	%	34/19	31/19	29/19	23/20	21/20	35/19	32/19	30/19	27/20	22/20	24/20	31/19	29/19	23/20	21/20	23/19	20/19	20/19	38/19	35/19	31/19	31/19	31/19	31/19	31/19	
Weight (oil included)	kg	8190	8900	9500	11400	12510	8150	8900	9500	11400	12510	8300	9050	9650	11550	12660	8300	9050	9650	7980	8719	9319	9319	9319	9319	9319	
Ash load (loaded)/front/rear	kg	11830/1320	13350/1570	14450/2050	17750/2150	20030/2480	11830/1320	13350/1570	14450/2050	17750/2150	20030/2480	11940/1360	13400/1650	14500/2150	17845/2025	20167/2493	11940/1360	13400/1650	14500/2150	11420/1360	13080/1650	14120/1650	14120/1650	14120/1650	14120/1650	14120/1650	
Ash load (unloaded)/front/rear	kg	4050/4100	4005/4495	3930/5650	5360/6040	5510/7000	4050/4100	4005/4495	3930/5650	5360/6040	5510/7000	4130/4170	4060/4490	3870/5780	5082/6468	5570/7090	4130/4170	4060/4490	3870/5780	3810/4170	3740/4490	3550/5780	3550/5780	3550/5780	3550/5780	3550/5780	
Engine specifications																											
Engine manufacturer /mode		Pakine 110AD-6AT4								Cummins QSB4.5				ISUZU 6BG1				Mitsubishi 565T				GM4.3					
Engine rated power/rotational speed	Cw/rpm	83/2000								83/2000				63.9/2300				76/2300				76/2300					
Engine rated torque/rotational speed	Nm/rpm	418/1400								488/1500				415/1400-1600				285/1700				324/1700					
Cylinder number		4								4				6				6				6					
Engine displacement	L	4.4								4.5				6.494				4.29				4.3					

