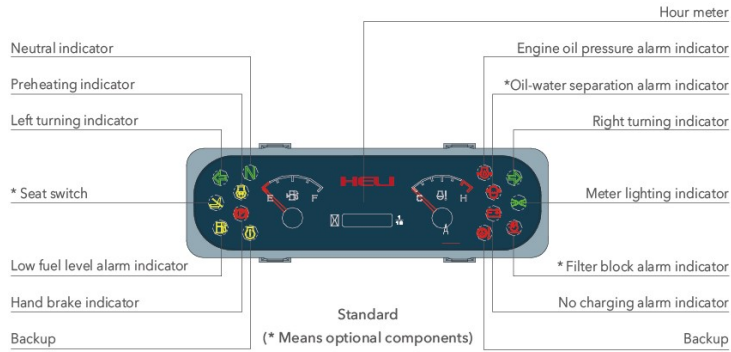


Reliable special designed instrument



■ Reliable special meter display the whole truck's working condition, fault detect and other important information completely which make the operator master the whole truck condition directly and conveniently.

## 5-10 t

### G series Internal Combustion Counterbalanced Forklift Truck



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
- Tiltadjustable 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 intaking 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
- Warning light
- 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)
- OPS (travelling function)
- Torque converter oil temperature meter
- Tilting cylinder sleeve
- Steering cylinder sleeve
- User-specified color
- Optional attachments
- Sling
- Full LED light ass'y
- Power switch
- Reversing voice speaker
- Universal key
- Overspeed 10km/h alarm
- Electric fan
- OPS(Travelling function and loading function)
- Drive axle with wet disc type brak



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

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

## G SERIES 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)



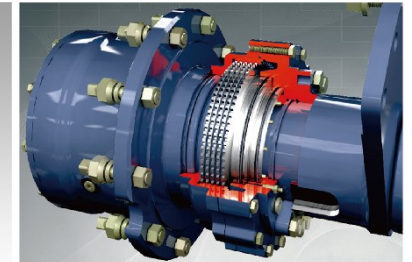
Ratchet type parking brake



Locked fuel tank cover



Folder



Wet-disc brake driving axle (optional choice):  
Advantages: the convenient operation,  
stable braking and free from maintenance.

# G SERIES 5-10 t

## Manufacturer and technical parameters

Characteristics				HELI				
1.01	Manufacturer							
1.02	Model			CPCD50	CPCD60	CPCD70	CPCD85	CPCD100
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	4450	4415
2.02	Max. fork height	H	mm	3000	3000	3000	3000	3000
2.03	Mast height, lowered	H1	mm	2500	2500	2500	2700	2850
2.04	Free lift	H3	mm	200	200	200	200	200
2.05	Backrest height (calculated from the fork surface)	H13	mm	1355	1350	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)	L'	mm	3490	3570	3620	3960	4210
2.10	Front overhang	L2	mm	590	595	600	705	720
2.11	Rear overhang	L3	mm	600	675	720	755	715
2.12	Wheel base	L1	mm	2300	2300	2300	2500	2775
2.13	Traction 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	300-1835	420-1915	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	In.right angle stacking aisle width (standard load size 1200X1200)	Ast	mm	5250	5315	5390	5775	6040
2.23	Mast tilting angle (forward/rear)	$\alpha/\beta$	°	6/12	6/12	6/12	6/12	6/12
2.24	Fork size	L4	mm	55X1220X150	60X1220X150	65X1220X150	70X1220X175	80X1220X175
Tyre								
3.01	Wheel number (front/rear)			4X/2				
3.02	Tyre type (front/rear)			Pneumatic tyre				
3.03	Tyre size (front)			8.25-15-14PR				9.00-20-14PR
3.04	Tyre size (rear)			8.25-15-14PR				9.00-20-14PR
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 (fwd/bwd)			2/2				
Truck specifications								
5.01	Max. Travelling speed (loaded/unloaded)	km/h		28/30	28/30	28/30	27/30	27/30
5.02	Lifting speed (loaded/unloaded)	mm/s		500/520	500/520	500/520	390/420	330/350
5.03	Lowering speed (loaded/unloaded)	mm/s		WITHOUT LOAD $\geq$ 300 WITH FULL LOAD $\leq$ 600				
5.04	Max. Draw bar (loaded)	KN		62	62	62	58	58
5.05	Max. Gradeability (loaded/unloaded)	%		33/20	32/20	30/20	27/20	22/20
5.06	Weight (oil included)	kg		8150	8900	9500	11400	12510
5.07	Axle load (loaded) front/rear	kg		11830/1320	13330/1570	14450/2050	17750/2150	20030/2480
5.08	Axle load (unloaded) front/rear	kg		4050/4100	4005/4895	3900/5600	6040/5360	5510/7000
Engine specifications								
6.01	Engine manufacturer /mode			ISUZU 6BG1				
6.02	Engine rated power/rotational speed	Kw/rpm		82/2000				
6.03	Engine rated torque/rotational speed	Nm/rpm		415/1400~1600				
6.04	Cylinder number			6				
6.05	Engine displacement	L		6.494				

