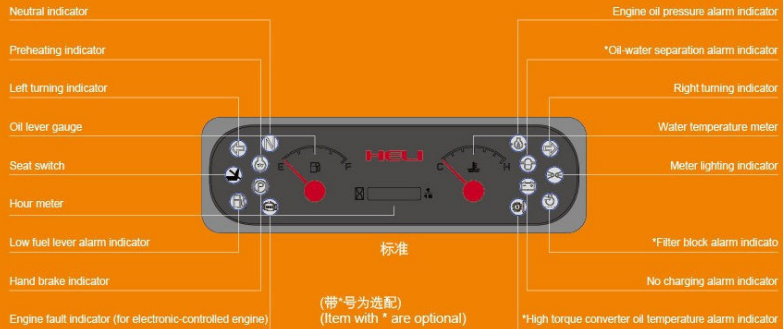


**Reliable special designed instrument**



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.

Standard configuration

- Horn
- Control valve
- Wholly hydraulic-powered steering
- Semi-suspension seat
- Backrest
- Back view mirror
- Front combined lamp
- Transmission oil filter
- Engine flame out device
- Cable type parking brake
- Driver's tool
- Rear combined lamp
- Backward buzzer
- Tilt oil circuit self lock valve
- Tilt adjustable steering column
- Overhead guard rain cover

- Standard fork
- Integrated electric box
- Hydraulic oil circuit filter
- Flow regulator
- Wide view mast
- Air intaking device
- Durable tread tyre
- Lifting and tilting operation lever
- Traction pin
- Head lamp
- Hydraulic oil dipstick
- Overhead guard
- Torque converter oil dipstick
- Combined instrument
- Electro-hydraulic direction changing

Optional

- Driver's cab
- Warning light
- High air exhausting device
- Double air cleaner
- Suspension seat
- Lengthening fork extension
- Warm air blower
- Solid tyre
- Widen fork arm carrier
- Wind shield
- Cleansing muffler
- Fire extinguisher muffler
- Fire extinguisher
- Rear working light
- Air conditioner (certain type)
- Travelling control system
- Torque converter oil temperature meter
- Tilting cylinder bush
- Customer made color
- Optional attachments
- Steel protection net
- Double-tyre and protection device
- Rotating seat for lpg
- Single/dual fuel system
- Power braking

AUTHORIZED DEALER

**HELI** 安徽合力股份有限公司  
ANHUI HELI CO., LTD.

ADD: NO. 668 Fangxing Street, Economical Development Zone, Hefei, P. R. China  
TEL: (86 551) 63639068, 63639258, 63639358, 63662105  
FAX: (86 551) 63639966  
WEBSITE: <http://www.helichina.net>

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**2-3.5 ton**  
**H SERIES INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT TRUCK**



**H series** / HIGH EFFICIENT ENERGY EFFICIENT **New**

**HELI**  
LIFTING THE FUTURE

**23 YEARS** TOP1 FORKLIFT MANUFACTURER AND SALER IN CHINA FOR CONSECUTIVE 23 YEARS



H SERIES INTERNAL COMBUSTION  
COUNTERBALANCED FORKLIFT TRUCK

**2-3.5ton**

**New H series**

*Improved performance, superior quality*



↓ **Vibration 20% reduced**

↓ **Noise 3dB reduced**

- > Cushion connection and wholly suspension driver's cab absorb whole truck's vibration effectively.
- > Noise around ear is reduced through down the tilting cylinder under the floor board and using fully closed patch type driver's cab.
- > Lower damping device inside the lifting system reduces mast shock and vibration, avoiding crash noise caused by goods falling to the ground.

↑ **Workspace 45% increased**

- > Space around foot is effectively increased through up steering unit and using suspension type inching.
- > The operation space is enlarged by heightened overhead guard and using large arc shape of the overhead guard's front leg
- > Semi-suspension seat, steering wheel with small diameter, electro-hydraulic direction changing and automobile type double joystick combined switch effectively improve driving comfort.

↑ **Operator's view 20% improved**

- > Operator's front view is improved through the assembling of stand wide view mast and lowering the dashboard.
- > Operator's rear view improved through the CAE optimal designed counterweight.

↑ **Working efficiency 20% improved**

- > Small turning radius makes steering flexible and easy.
- > The truck has fast lifting speed, good gradeability and high efficiency.
- > High working efficiency guarantees the truck could meet the requirements for various kinds of complicated work condition perfectly wherever at port, dock and railway station.

↑ **Loading capacity increased over 5%**

↑ **Stability 5% improved**

↑ **Reliability 40% improved**

- > The hot air reflow isolating device, optimal thermal dissipation duct and aluminum plate-fin type radiator improve cooling ability and ensure engine work reliability.
- > Automobile type oil filling cap and optimal oil filling channel structure and process ensure whole truck's safety.
- > The constant displacement pump load sensing steering system increases the lifting speed and reduces the hydraulic oil temperature.
- > The optimal design of key parts like frame, mast, overhead guard and steering axle improve the whole truck's safety and reliability.
- > The retroposition of whole truck's gravity center improve loading capacity, stability and safety.

↑ **Engine hood open angle increased to 80°**

- > Enlarged internal space is convenient for engine and transmission box maintenance.
- > Increased hood open angle contributes to quick and convenient maintenance.





**H SERIES INTERNAL COMBUSTION  
COUNTERBALANCED FORKLIFT TRUCK**

**2-3.5ton**



**Manufacturers Data and Design Characteristics**

Character				HELI																				
1.1 Manufacturer				HELI																				
1.2 Model				CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	CP(Q)(Y)20	CP(Q)(Y)D20	CP(Q)(Y)25	CP(Q)(Y)D25	CP(Q)(Y)30	CP(Q)(Y)D30	CP(Q)(Y)35	CP(Q)(Y)D35					
1.3 Engine type				Diesel						Gasoline or LPG														
1.4 Rated capacity				kg		2000		2500		3000		3500		2000		2500		3000		3500				
1.5 Load center				mm				500																
1.6 Operation mode				Seat-type																				
Size																								
2.1 Max. Lifting height				H	mm																			
2.1 Mast overall height (fork to the ground and mast be vertical)				H1	mm																			
2.3 Max. Fork lifting height (with backrest)				H2	mm																			
2.4 Free lift height				H3	mm																			
2.5 Overall height (overhead guard)				H4	mm				2150				2170				2150				2170			
2.6 Min. Ground clearance(at the mast)				H5	mm																			
2.7 Distance from the surface of the seat to the overhead guard				H6	mm																			
2.8 Traction pin height				H9	mm																			
2.9 Backrest height (calculated from the surface of the fork)				H13	mm																			
2.10 Overall length (with fork/without fork)				(L/L')	mm																			
2.11 Wheel base				L1	mm																			
2.12 Front overhang				L2	mm																			
2.13 Rear overhang				L3	mm																			
2.14 Overall width				W1	mm																			
2.15 Tread (front tread/rear tread)				(W3/W2)	mm																			
2.16 Fork adjustable range (the external of the fork)(max./min.)				W5	mm																			
2.17 Min. Turning radius (exterior)				r	mm																			
2.18 Min. Turning radius(interior)				r'	mm																			
2.19 Min.Right angle stacking aisle width				Ra	mm																			
2.20 Mast tilting angle				$\alpha/\beta$	°																			
2.21 Fork size				L4xWxT	mm																			
Performance																								
3.1 Max. Travelling speed (loaded/unloaded)				km/h																				
3.2 Lifting speed (loaded/unloaded)				mm/s																				
3.3 Lowering speed (loaded/unloaded)				mm/s																				
3.4 Max. Drawbar pull (loaded/unloaded)				kN																				
3.5 Max. Gradability (loaded/unloaded)				%																				
weight																								
4.1 Total weight				kg																				
4.2 Weight distribution loaded(front/rear)				kg																				
4.3 Weight distribution unloaded(front/rear)				kg																				
wheel and tyre																								
5.1 Wheel number x=drive wheel (front/rear)				2X/2																				
5.2 Tyre type (front/rear)				Pneumatic tyre																				
5.3 Tyre size (front/rear)				7.00-12-12PR/6.00-9-10PR 7.00-12-12PR/6.00-9-10PR 28 x 9-15-12PR/6.50-10-10PR 28 x 9-15-14PR/6.50-10-10PR 7.00-12-12PR/6.00-9-10PR 7.00-12-12PR/6.00-9-10PR 28 x 9-15-12PR/6.50-10-10PR 28 x 9-15-14PR/6.50-10-10PR																				
5.4 Service brake				Hydraulic-Foot Pedal																				
5.5 Parking brake				Mechanical-Hand Lever																				
Drive and transmission control device																								
6.1 Battery (voltage/capacity)				V/Ah	12/80																			
6.2 Engine mode				ISUZU C240PKJ ISUZU 4JG2 GCT K25																				
6.3 Engine rated power				kW/rpm	35.4/2500 44.9/2450 37.4/2400																			
6.4 Engine rated torque				Nm/rpm	139/1800 184.7/1600-1800 176.5/1600																			
6.5 Engine cylinder number-borexstroke				4-86×102 4-95.4×107 4-89×100																				
6.6 Engine displacement				L	2.369 3.05 2.488																			
6.7 Engine fuel tank capacity				L	60																			
6.8 Transmission box shifting gears (front/ rear type)				1-1Power Shift T/M / T/M 2-2 Manual Shift T/M																				

