H3 series / HIGH EFFICIENCY ENERGY SAVING

1-1.8 t

H3 series Internal Combustion Counterbalanced Forklift Truck



- The truck is powerful and environment-friendly.
- Fully suspension driver's cab and other ergonomic designs offer superior driving comfort.
- The operating space is enlarged by using large arc shape of the overhead guard's front leg, down the tilting cylinder to be under the floor plate and heightened overhead guard.
- With wide view mast, driver's front view is greatly improved and thus loading and unloading operation is more reliable.
- Up to 80°engine hood opening angle facilitates easy maintenance.
- Constant rate pump load sensing steering system and optimized oil supply system increase lifting speed and improve working efficiency.
- Half shaft sealing technology applied on drive axle shaft improves gear oil sealing reliability and reduces after-sale maintenance cost.
- Clearance buffering structure on cylinder bottom of the lifting system makes goods lowering more stable and buffering effect stable. Both left cylinder bottom and right cylinder bottom adopts the buffering structure and mast operating stability is improved.
- Extraposition structure of transmission box filter element makes its maintenance, cleaning and replacement easier and reduces fault rate caused by transmission box disassembling by non-professional person.
- 3.00D rim used on rear wheel improves rear wheel rim universality and maintenance performance.
- Through CAE design technology, top-down design method, optimizing layout, refraining from resonance, strength improving of frame, overhead guard, dash board , mast and so on, the truck strength is improved.

HELI
LIFTING THE FUTURE

25 YEARS TOP1 FORKLIFT MANUFACTURER AND SALER IN CHINA FOR CONSECUTIVE 25 YEARS

H3 1-1.8 t

H3 series Internal Combustion Counterbalanced Forklift Truck

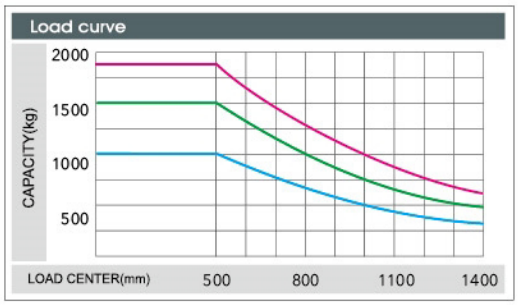
Manufacturer's Data and Design Characteristics

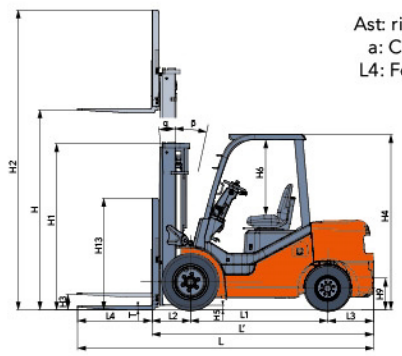
	Characteristic					
1.01	manufacturer			HELI		
1.02	Model			CP(Q)YD10-RC2H	CP(Q)YD15-RC2H	CP(Q)YD18-RC2H
1.03	Load Capacity		kg	1000	1500	1750
1.04	Load Centre		mm	500		
1.05	Power Type			GAS/LPG		
1.06	Driving style			Seat-type		
	Tire					
2.01	Front Tire			6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
2.02	Rear Tire			5.00-8-10PR	5.00-8-10PR	5.00-8-10PR
	Dimension Parameter					
3.01	Lifting Height(standard)	H	mm	3000		
3.02	Mast Tilt(fwd/bwd)	α/β	deg	6°/10°		
3.03	Min.Turning Radius	Wa	mm	1875	1910	1930
3.04	Overall Length(with Forks)	L	mm	3197	3201	3219
3.05	Overall Width	W1	mm	1070		
3.06	Overall Height(mast without activity)	H4	mm	2140		
3.07	Wheel Base	L1	mm	1450		
3.08	Tread(fwd/bwd)	W3/W4	mm	902/928		932/928
3.09	Overhang(fwd/bwd)	L2/L4	mm	406/406	409/412	409/432
3.10	Min.Under clearance	H5	mm	110		
3.11	Lateral Fork Adjustment(Outside of Forks)	W5	mm	950/200		
3.12	Fork Length	L3	mm	770	920	920
3.13	Fork Width/Thickness	W/T	mm	100/32	100/35	100/35
	Performance Parameter					
4.01	Lifting Speed(Loaded)		mm/s	610	610	610
4.02	Lowing Speed(Loaded)		mm/s	450	450	450
4.03	Traveling Speed(Loaded/Unloaded)		km/h	16/17	16/17	16/17
4.04	Max.Gradeability(Loaded/Unloaded)		%	39/23	39/19	35/17
	Engine and Gearbox					
5.01	Engine Manufacturer/Model			GCT K21		
5.02	Cyl. Number/Displacement		/L	4-89×83/2.065		
5.03	Rated Power/Rated Speed		Kw/rpm	31.5/2200		
5.04	Max. Torque/Rated Speed		Nm/rpm	140/1600		
5.05	Gearbox			Special gearbox for HELI		

Engine Model and Main Specification for Option

Internal Combustion Engine Model	Internal Combustion Engine Rate horse power(KW/rpm)	Internal Combustion Engine Rate torque(Nm/rpm)	Internal Combustion Engine isplacement(L)	Internal Combustion Engine Number of Clinder
ISUZU C240PKJ-30	34.5/2500	140/1800	2.369	4

CP(Q)YD10 CP(Q)YD15 CP(Q)YD18





Ast: right angle stacking aisle width
a: Clearance
L4: Fork Length

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AUTHORIZED DEALER

* Details of specifications and equipment are based on information available at time of printing and may change without notice.

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