



HIGH EFFICIENCY
ENERGY SAVING

2-3.5 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.
- > Wide interior space, reasonable parts layout and up to 80° engine hood open angle make your maintenance easier.
- > The constant displacement pump load sensing steering system optimizes hydraulic system oil feeding system and increases the lifting speed and working efficiency.
- > 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



TOP1 FORKLIFT MANUFACTURER AND SALER
IN CHINA FOR CONSECUTIVE 25 YEARS



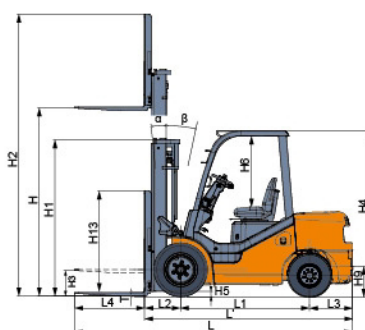
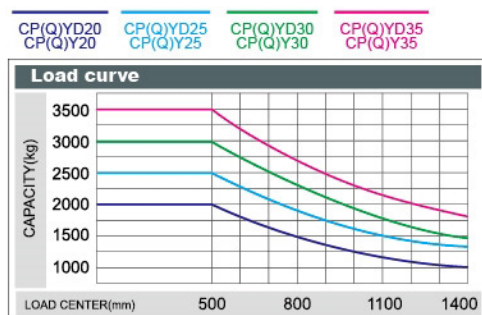
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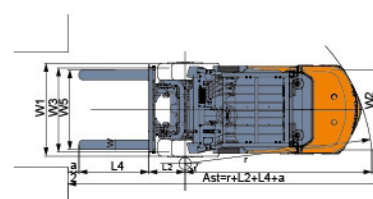
Characteristic						
1.01	manufacturer		HELI			
1.02	Model		CP(Q)Y(D)20-RC1H	CP(Q)Y(D)25-RC1H	CP(Q)Y(D)30-RC1H	CP(Q)Y(D)35-RC1H
1.03	Load Capacity	kg	2000	2500	3000	3500
1.04	Load Centre	mm	500			
1.05	Power Type		GAS/LPG			
1.06	Driving style		Seat-type			
Tire						
2.01	Front Tire		7.00-12-12PR	7.00-12-12PR	28×9-15-12PR	28×9-15-14PR
2.02	Rear Tire		6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR
Dimension Parameter						
3.01	Lifting Height(standard)	H	mm	3000		
3.02	Mast Tilt(fwd/bwd)	α / β	deg	6° /12°		
3.03	Min.Turning Radius	Wa	mm	2255	2310	2400 2440
3.04	Overall Length(with Forks)	L	mm	3500	3708	3818 3836
3.05	Overall Width	W1	mm	1150		1225
3.06	Overall Height(mast without activity)	H4	mm	2150		2170
3.07	Wheel Base	L1	mm	1650		1700
3.08	Tread(fwd/bwd)	W3/W4	mm	970/970		1000/970
3.09	Overhang(fwd/bwd)	L2/L4	mm	473/457	473/515	478/570 496/570
3.10	Min.Under clearance	H5	mm	110		135
3.11	Lateral Fork Adjustment(Outside of Forks)	W5	mm	1030/244		1060/250
3.12	Fork Length	L3	mm	920	1070	1070 1070
3.13	Fork Width/Thickness	W/T	mm	122/40	122/40	125/45 125/50
Performance Parameter						
4.01	Lifting Speed(Loaded)	mm/s	570	570	480	410
4.02	Lowing Speed(Loaded)	mm/s	450	450	450	350
4.03	Traveling Speed(Loaded/Unloaded)	km/h	17/19	17/19	19/20	19/20
4.04	Max.Gradeability(Loaded/Unloaded)	%	20/20	20/20	23/20	21/20
Engine and Gearbox						
5.01	Engine Manufacturer/Model		GCT K25			
5.02	Cyl. Number/Displacement	/L	4-89×100/2.488			
5.03	Rated Power/Rated Speed	kW/rpm	37.4/2400			
5.04	Max. Torque/Rated Speed	Nm/rpm	176.5/1600			
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 4JG2	44.9/2450	184.7/1600-1800	3.05	4
ISUZU C240	35.4/2500	140/1800	2.369	4
HJ493	39/2500	165/1800	2.771	4
GCT K21	31.2/2200	140/1600	2.065	4
大柴CA498-97	45/2500	170-180/1600-1800	3.168	4
康明斯QSF2.8	36/2500	180/800-1800	2.8	4



Ast: Right angle stacking aisle width
a: Clearance



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>
Email : heli@helichina.net

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