

# HELI

ENGINE POWERED 1-1.8t



#### Digital Instrument

- Clear and easy to read
- Instantaneous reading when switched on
- Ergonomical layout



#### Wide View Mast

- H2000 series forklift trucks are fitted with wide masts that give the operator greater visibility to the front



#### Superior Steering Axle

- Fully power assisted steering as standard which is compact and easy to maintain

**h2000**  
SERIES

CPQ10/15/18

CPQD10/15/18

CPCD10/15/18

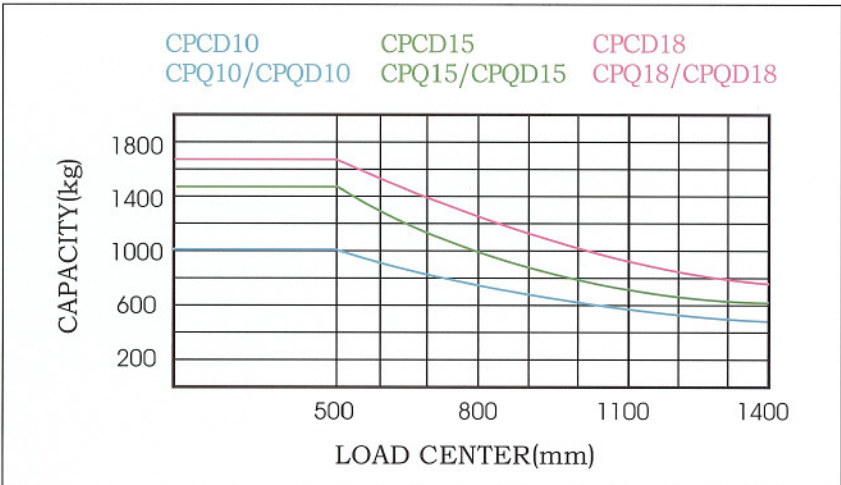


# STANDARD SPECIFICATION

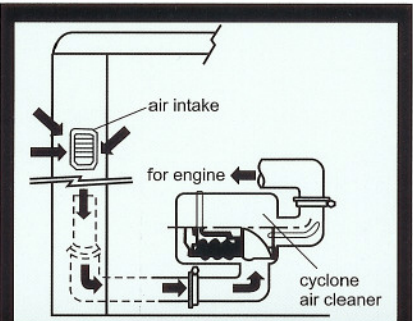
Manufacturer		ANHUI HELI CO.								
Model		CPQ10/CPQD10		CPQ15/CPQD15		CPQ18/CPQD18		CPQ22/CPQD22		
Load Capacity		kg	1000		1500		1750		1000	
Load Center		mm	500							
Power Type		Gasoline								
Tire Type		Pneumatic								
Lifting Speeds	With load/Without load	mm/s	590/650							
Lowering Speeds	With load/Without load	mm/s	450/550							
Free Lift		mm	155							
Max. Driving Speeds	With load/Without load	km/h	13.5/14.5							
Min. Turning Radius (outside)		mm	1880		1955		1985		1880	
Max. Gradeability	With load/Without load	%	30/22	37/22	23/18	27/18	20/17	24/17	39/28	
Max. Towing	With load/Without load	kg	950/700	1450/700	950/700	1450/700	950/700	1450/700	1235/910	
Wheel (Front/Rear) x=Driving Wheel		2X/2								
Overhead Guard Height		mm	2070							
Mast Height		mm	1995							
Max. Lifting Height		mm	4030							
Fork Size (LxW x T)		mm	770×100×31		920×100×35		920×100×38		770×100	
Tire (Front/Rear)		mm	6.50-10-10PR/5.00-8-8PR							
Ground Clearance	At lower point(Mast)	mm	110							
	Frame	mm	115							
Weight Distribution with Load	Front/Rear	kg	2810/340		3620/470		4010/560		2840/340	
Weight Distribution without Load	Front/Rear	kg	1170/980		1140/1450		1120/1700		1220/1000	
Battery	Voltage/Capacity	V/Ah	12/60							
Service Brake		Hydraulic-Foot Pedal								
Parking Brake		Mechanical-Hand Lever								
Internal Combustion Engine	Model	NISSAN H15KA								
	Rate Horsepower	KW/r.p.m	25.7/2400							
	Rate torque	N.m(kg.m)r.p.m	112.8(11.5)/1600							
	Number of Cylinder	4								
	Fuel Tank Capacity	L	38							
	Displacement	L	1.486							
Transmission	Number of Speed Fwd/Rvs-Type	1-1 Power Shift T/M								
		2-2 Manual Shift T/M								
Total Weight		kg	2150		2590		2820		2220	

**LTD.**

10	CPCD15	CPCD18		
	1500	1750		
Diesel				
1955				
1985				
45/28	29/23	35/23	26/22	31/22
885/910	1235/910	1885/910	1235/910	1885/910
×31	920×100×35	920×100×38		
0	3640/520	4040/600		
20	1170/1490	1140/1750		
12/80				
ISUZU C240PKJ				
34.5(47)/2500				
139(14.2)/1800				
2.369				
2660	2890			



**Note:**  
Vertical axle stands for load capacity while horizontal axle stands for load center. Load center is the distance counted from the front of the cubic with the same 1000mm dimension in length, width and height. The load capacity should be down, if mast tilts forward, using nonstandard forks or loading goods with extra width. Please notice the different load capacity between different load centers according to load chart.



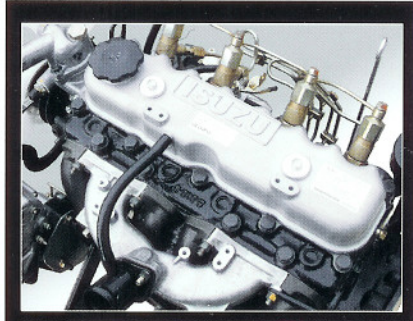
**The large Intake Area of Air Intake System**

- The snorkel air intake is situated on one of the pillars for the overhead guard, which is far from the dust being created by the wheels. It breathes in the clean air and reduces the noise.



**The sound-absorbed materials**

- Heat-insulation/vibration absorbing
- Lowest noise
- Rubber sealing packing at the gap between engine hood and truck body.



**New Engine with Low Consumption STANDARD**

- ISUZU C240PKJ diesel engine  
Rated Power 47 ps/2500 r.p.m  
Rated output 2369 cc
- NISSAN H15 gasoline engine  
Rated Power 34.5 ps/2400 r.p.m  
Rated output 1486 cc
- NISSAN H20 gasoline engine  
Rated Power 44 ps/2300 r.p.m  
Rated output 1982 cc

**Specification of Optional High Power Engine**

Engine	Type		H20
	Rated power	kw/r.p.m	32.3/2300
	Rated torque	kg.m/r.p.m	14.5/1600
	Cylinder quantity		
	Displacement	cm <sup>3</sup>	1.982

## STANDARD EQUIPMENT

Hour meter	Wide view mast	Class II(III) carriage
Lamp guard	Turning signal lamp	Full hydraulic power steering
Load backrest	Dipstick for hydraulic oil	Tilt lock valve
Operator tool kits	2-spool control valve	Tilt adjustable steering post
Water temperature meter	Convertor oil filter	Engine auto glow system(C)
Side rollers	Back-up buzzer	Engine after glow system(C)
Return hydraulic filter	Ignition key engine stop(C)	
Overhead guard	Headlight	Lift circuit cut-off valve
Hand grip	Rear combination lamp	Air cleaner
Fuel meter	Standard seat	Lift / tilt levers
Engine oil pressure warning indicator	Standard fork	Toggle type parking brake lever
Charge indicator	Air intake device	Tyre
Drawbar pin	Overhead guard raincoat	Dipstick for convertor oil
Horn	Neutral safety switch(tor-con)	Rubber floor mat
Rear view mirror	Radiator reservoir	

## OPTIONAL EQUIPMENT AND ACCESSORIES

Front dual wheel and fender extension	Rear working light
Solid tyre	Customer coloring paint
Cabin	LPG tilt seat
Heater for cabin	Auxiliary hydraulic valve modules
Color tyre(white,green)	Tor-con oil temperature meter
Power Clutch	Steel mesh for protection
Dual air cleaner	Overhead exhaust
Rear vies mirror	Fire extinguisher
Suspension seat	Tilt / steering cylinder boots
Smoke reduction / spark arrester muffler	LPG exclusive or dual fuel package
Catalytic muffler	

### Note:

**HELI** industrial trucks are equipped with certain safety devices as standard equipment  
**HELI** will not assume any liability for damage arising from or caused by the removal of any safety devices from any of its products

## DESCRIPTION FOR THE MODEL OF FORKLIFT

CPCD - Diesel torque type forklift

CPQ - Gasoline clutch type forklift    CPQD - Gasoline torque converter type forklift



CE Certification



ISO9001 Certification



## WIDE VIEW MAST

Mast model	Max. fork height mm	Capacity at 500mm; Load center (kg)			Overall Mast Height (mm)		Tilting Angle	Service Weight (kg)		
		CPQ10/CPQD10 CPCD10	CPQ15/CPQD15 CPCD15	CPQ18/CPQD18 CPCD18	At Lowered	Liftig(with Backrest)		CPQ10/CPQD10 CPCD10	CPQ15/CPQD15 CPCD15	CPQ18/CPQD18 CPCD18
M250	2500	1000	1500	1750	1745	3530	6-12	2145	2555	2785
M270	2700	1000	1500	1750	1845	3730	6-12	2160	2570	2800
M300	3000	1000	1500	1750	1995	4030	6-12	2180	2590	2820
M330	3300	1000	1500	1750	2145	4330	6-12	2195	2605	2835
M350	3500	1000	1500	1750	2245	4530	6-12	2210	2620	2850
M375	3750	1000	1500	1750	2370	4780	6-6 *6-12	2230	2640	2870
M400	4000	1000	1500	1650 * 1750	2545	5030	6-6 *6-12	2270	2680	2910
M425	4250	950	1400 * 1500	1500 * 1750	2670	5280	6-6 *6-12	2285	2695	2925
M450	4500	950	1400 * 1400	1550 * 1650	2795	5530	6-6 *6-12	2300	2710	2940
M475	4750	850 * 900	1000 * 1350	1000 * 1500	2920	5780	6-6 * 6-6	2320	2730	2960
M500	5000	850 * 950	1000 * 1350	1000 * 1500	3045	6030	6-6 * 6-6	2335	2745	2975
M550	5500	*650	*1100	*1300	3345	6530	* 3-6	2500	2910	3140
M600	6000	*550	*800	*1000	3595	7030	* 3-6	2530	2940	3170

NOTE: RATED CAPACITY WITH (\*) : SHOWS CAPACITY WITH FRONT DUAL TIRES

## WIDE VIEW FULL FREE 2-STAGE MAST

Mast model	Max. fork height mm	Capacity at 500mm; Load center (kg)			Overall Mast Height (mm)		Free Lift (with Backrest)	Tilting Angle	Service Weight (kg)		
		CPQ10/CPQD10 CPCD10	CPQ15/CPQD15 CPCD15	CPQ18/CPQD18 CPCD18	At Lowered	Liftig(with Backrest)			CPQ10/CPQD10 CPCD10	CPQ15/CPQD15 CPCD15	CPQ18/CPQD18 CPCD18
ZM250	2500	1000	1500	1750	1745	3530	735	6-12	2195	2615	2855
ZM270	2700	1000	1500	1750	1845	3730	835	6-12	2210	2630	2870
ZM300	3000	1000	1500	1750	1995	4030	985	6-12	2230	2650	2890
ZM330	3300	1000	1500	1750	2145	4330	1135	6-12	2250	2670	2910
ZM350	3500	1000	1500	1750	2245	4530	1235	6-12	2265	2685	2925
ZM370	3700	1000	1500	1750	2370	4780	1360	6-6 *6-12	2280	2700	2940
ZM400	4000	1000	1500	1650 * 1750	2545	5030	1535	6-6 *6-12	2330	2750	2990
ZM425	4250	950	1400 * 1500	1500 * 1750	2670	5280	1660	6-6 *6-12	2350	2770	3010
ZM450	4500	950	1400 * 1400	1500 * 1650	2795	5530	1785	6-6 *6-12	2365	2785	3025
ZM475	4750	850 * 900	1000 * 1350	1000 * 1500	2920	5780	1910	6-6 * 6-6	2380	2800	3040
ZM500	5000	850 * 950	1000 * 1350	1000 * 1500	3045	6030	2035	6-6 * 6-6	2400	2820	3060
ZM550	5500	*650	*1100	*1300	3345	6530	2335	* 3-6	2575	2995	3235
ZM600	6000	*550	*800	*1000	3595	7030	2585	* 3-6	2610	3030	3270

NOTE: (1) MAX.LIFTING HEIGHT WITHOUT BRACKET: -470mm  
 (2) FREE LIFTING HEIGHT WITHOUT BRACKET:+ 470mm  
 (3) RATED CAPACITY WITH(\*) :SHOWS CAPACITY WITH FRONT DUAL TIRES



## WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. fork height mm	Capacity at 500mm; Load center (kg)			Overall Mast Height (mm)		Free Lift (with Backrest)	Tilting Angle	Service Weight (kg)		
		CPQ10/CPQD10 CPCD10	CPQ15/CPQD15 CPCD15	CPQ18/CPQD18 CPCD18	At Lowered	Liftig(with Backrest)			CPQ10/CPQD10 CPCD10	CPQ15/CPQD15 CPCD15	CPQ18/CPQD18 CPCD18
ZSM360	3600	950	1400	1600	1790	4630	735	6-6	2275	2695	2935
ZSM400	4000	950	1400	1600	1920	5030	860	6-6	2300	2720	2960
ZSM430	4350	900 * 900	1350 * 1400	1550 * 1600	2040	5380	985	6-6	2325	2745	2985
ZSM450	4500	900 * 900	1350 * 1400	1550 * 1600	2090	5530	1025	6-6	2355	2750	2995
ZSM470	4700	850 * 850	1300 * 1350	1400 * 1550	2160	4790	1085	* 6-6	2365	2760	3005
ZSM480	4800	850 * 850	1100 * 1350	1400 * 1550	2190	5380	1135	* 6-6	2375	2775	3010
ZSM500	5000	800 * 800	1100 * 1300	1150 * 1500	2290	6030	1235	* 6-6	2400	2780	3035
ZSM540	5400	700 * 800	850 * 1250	900 * 1400	2420	6430	1360	* 3-6	2420	2815	3055
ZSM600	6000	450 * 700	500 * 1100	550 * 1250	2650	7030	1585	* 3-6	2480	2875	3115

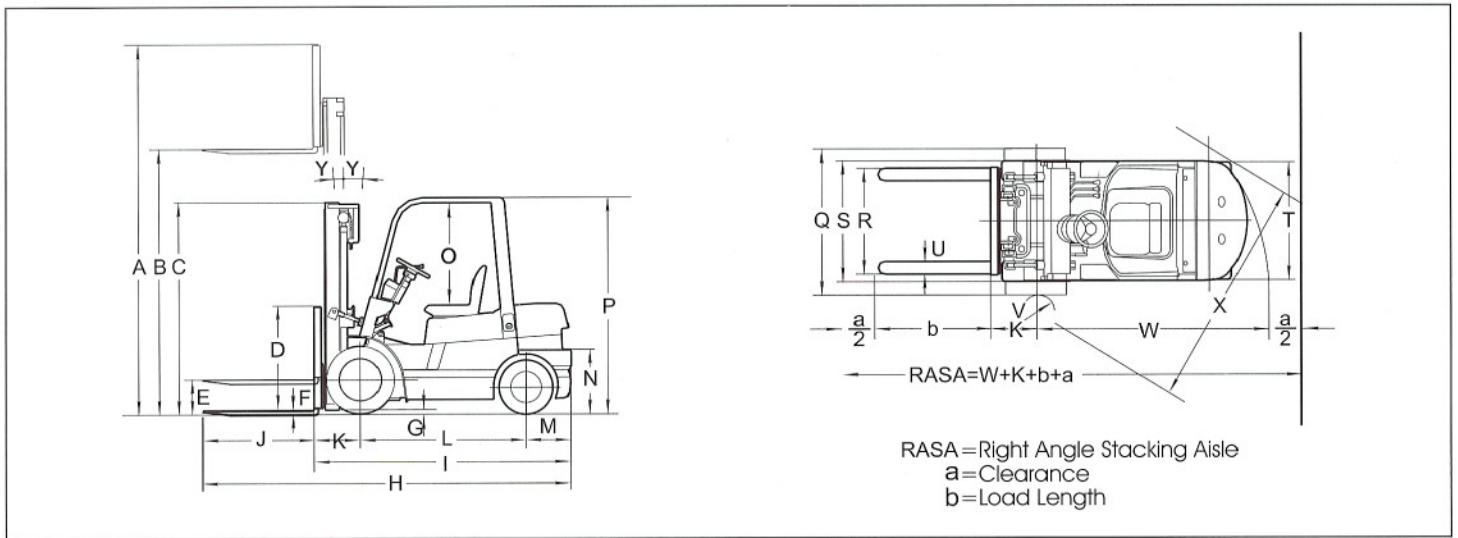
NOTE: (1) MAX.LIFTING HEIGHT WITHOUT BRACKET: -470mm  
 (2) FREE LIFTING HEIGHT WITHOUT BRACKET:+ 470mm  
 (3) RATED CAPACITY WITH(\*) :SHOWS CAPACITY WITH FRONT DUAL TIRES

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 ANHUI FORKLIFT TRUCK GROUP : ISO9001  CE certification



## STANDARD DIMENSIONS (Front Single Tire)

Model	CPCD10 CPQ10/CPQD10	CPCD15 CPQ15/CPQD15	CPCD18 CPQ18/CPQD18
	mm	mm	mm
A Overall height fork raised (with backrest)	4030	4030	4330
B Max. fork height	3000	3000	3000
C Overall height fork lowered (upright)	1995	1995	1995
D Backrest height (from upper face of forks)	1000	1000	1000
E Free lift	155	155	155
F Fork thickness	31	35	38
G Min. under-clearance (bottom of mast)	110	110	110
H Overall length (with forks)	2941	3151	3194
I Overall length (without forks)	2171	2231	2274
J Fork length	770	920	920
K Fork overhang	421	421	424
L Wheel base	1400	1400	1400
M Rear overhang	350	410	450
N Coupler height	250	250	250
O Overhead guard clearance (from face of seat)	1035	1035	1035
P Overall height (overhead guard)	2070	2070	2070
Q Overall width	1070	1070	1070
R Lateral fork adjustment (Outside of fork)	200 - 950	200 - 950	200 - 950
S Tread(front)	890	890	920
T Tread (rear)	920	920	920
U Fork width	100	100	100
V Inside turning	110	110	95
W Outside turning radius	1880	1955	1985
X Min. intersecting aisle	1690	1770	1790
Y Tilting angles (forward-backward)	6° - 12°	6° - 12°	6° - 12°

HELI products and specifications are subject to improvement and change without notice.

**HELI**

MANUFACTURER: **ANHUI HELI CO., LTD.**  
DISTRIBUTOR: ANHUI HELI MACHINERY IMP. & EXP. CO., LTD.

SOLD BY:

TEL: (0086) 551-3639468, 3632133, 3648005

P.C: 230022

E-mail: heli\_jck@heliforklift.com

FAX: (0086) 551-3639966

Add: 15, Wangjiang West Road, Hefei, China

Web site: <http://www.helimach.com>