

**ADVANCED TECHNOLOGY FOR SUPERIOR ALL-ROUND PERFORMANCE**

F05 series forklifts are now equipped with a new 2-stage stator torque converter that helps to improve allround work efficiency by providing smoother, fatigue-free

operation. Making it unnecessary for the operator to shift from low to high gear (1st → 2nd), the 2-stage stator torque converter is designed to eliminate shift shock. This greatly improves operator comfort—especially during long work shifts—and reduces the possibility of rocking the pallet when accelerating the forklift.

**Options**

- 2.5-6.0m duplex mast
- Special carriage and backrest
- Solid tyre
- Cabin
- Heater and air condition
- Other dimension forks
- Sideshifter
- Other attachment
- Fire extinguisher
- Suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting



**6BG1QP Diesel Engine**



Displacement: **6494 cc**  
 Rated output: **84.6 kw/2200rpm**  
 Rated torque: **410.9 N.m/1600rpm**

**LR4108G10Y Diesel Engine**



Displacement: **4580 cc**  
 Rated output: **65 Kw/2400rpm**  
 Rated torque: **300 N.m/1400-1600rpm**

**CY6102BG-2 Diesel Engine**



Displacement: **5785 cc**  
 Rated output: **72.8 kw/2200rpm**  
 Rated torque: **353 N.m/1600rpm**



ISO14001: 1996



ISO9001: 2000



ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.  
 (ZHEJIANG HANGCHA IMP. & EXP. CO.,LTD.)

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**R Series**  
 5.0/6.0/7.0 T Diesel



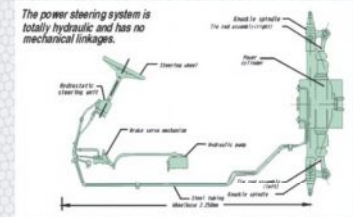
**浙江杭叉工程机械股份有限公司**  
 ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.

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R series 5.0 - 7.0t forklift specification:

General		CPCD60				CPCD60				CPCD70						
		RG16	RG24	RW14	RW19A	RG16	RG24	RW14	RW19A	RG16	RG24	RW14	RW19A			
1	Manufacture	CPCD60														
2	Basic model	CPCD60														
3	Type	RG16 RG24 RW14 RW19A														
4	Power type	Diesel														
5	Rated capacity	kg														
6	Load center	mm														
7	Lift height	mm														
8	Free lift height	mm														
9	Fork size	L×W×T														
10	Fork spread(outside)	mm														
11	Mast tilt range	deg														
12	Fork overhang(Wheel center to fork face)	mm														
13	Overall dimensions	Length to face of fork	mm													
		Overall width	mm													
		Mast lowered height	mm													
		Mast extended height	mm													
		Overhead guard height	mm													
18	Turning radius(outside)	mm														
19	Min.right angle aisle width	mm														
20	Min.right angle stacking aisle width (Add load length and clearance)	mm														
21	Speed	Travel	Km/h													
		Lifting(Full load)	mm/sec													
	23	Max.gradeability(Full load)	%													
			Self weight	kg												
25	Types	Front	mm													
		Rear	mm													
27	Tread	Front / Rear	mm													
28	Wheelbase	mm														
29	Ground clearance	mm														
30	Battery	Voltage / Capacity(SHR) VIAH														
31	Engine	Model	CY6102BG-2	LR4108G10Y	6BG1QP	TD42	CY6102BG-2	LR4108G10Y	6BG1QP	TD42	CY6102BG-2	LR4108G10Y	6BG1QP	TD42		
		Manufacture	CHINA	CHINA	ISUZU	NISSAN	CHINA	CHINA	ISUZU	NISSAN	CHINA	CHINA	ISUZU	NISSAN		
		Rated output / r.p.m.	kw	81 / 2500	65 / 2400	84.6 / 2200	62.5 / 2300	81 / 2500	65 / 2400	84.6 / 2200	62.5 / 2300	81 / 2500	65 / 2400	84.6 / 2200	62.5 / 2300	
		Rated torque / r.p.m.	N·m	353 / 1700	300 / 1400-1600	411 / 1400-1600	274.4 / 1600	353 / 1700	300 / 1400-1600	411 / 1400-1600	274.4 / 1600	353 / 1700	300 / 1400-1600	411 / 1400-1600	274.4 / 1600	
		No.of cylinder		6	4	6	6	6	4	6	6	6	4	6	6	
		Bore × Stroke	mm	102 × 118	108 × 125	105 × 125	96 × 96	102 × 118	108 × 125	105 × 125	96 × 96	102 × 118	108 × 125	105 × 125	96 × 96	
		Emission STD.														
		38	Displacement	cc	5785	4580	6494	4169	5785	4580	6494	4169	5785	4580	6494	4169
		39	Fuel tank capacity	L	120	120	120	120	120	120	120	120	120	120	120	
		40	Transmissions	Manufacture	CHINA	CHINA	CHINA	NISSAN	CHINA	CHINA	CHINA	NISSAN	CHINA	CHINA	CHINA	NISSAN
Type	Powershift			Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift		
41	Stage	FWD/RVS	2 / 2	2 / 2	2 / 2	1 / 1	2 / 2	2 / 2	2 / 2	1 / 1	2 / 2	2 / 2	2 / 2	1 / 1		
43	Operating pressure	For attachments	MPa	17	17	17	17	17	17	17	17	17	17			

- Special lifting height available (2.5m,2.7m,3.0m,4m,4.3m,4.5m,5m,5.5m,6m,7m).
- Attachment available.
- The specification in the table are for standard models only. For further information please contact us.
- Specification are subject to change without notice.



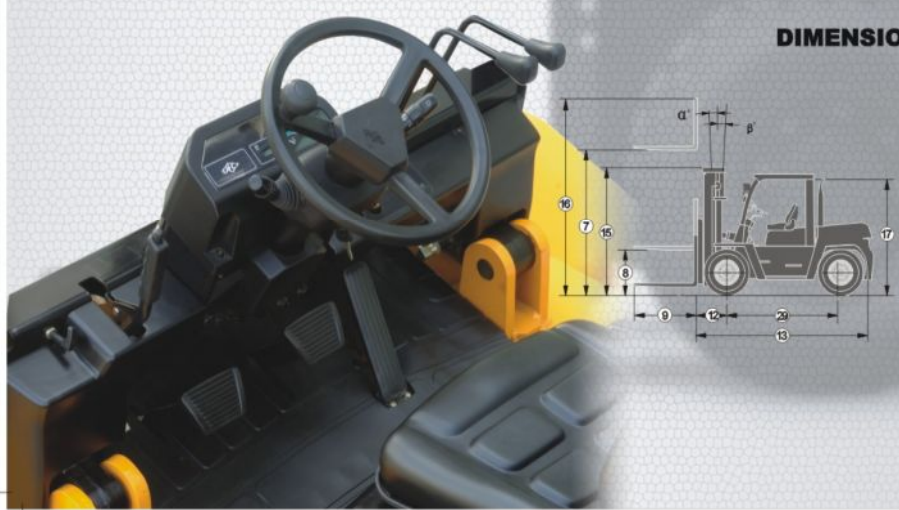
**HYDROSTATIC POWER STEERING SYSTEM**

H & F05 forklifts are equipped with a hydrostatic power steering system that works to reduce steering effort and lessen fatigue over long hours of operation. Completely hydraulic in design with no mechanical linkages, the smooth operation of this system helps to eliminate kickback and oversteer characteristics.

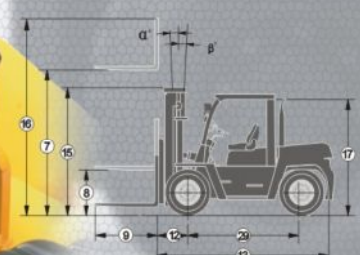


**NON-SLIP FLOOR AND STEP**

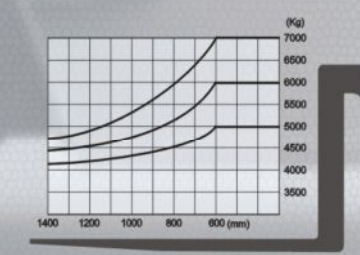
The wide-open step is not only convenient to use but safer thanks to anti-slip mats. To further improve safety in demanding work conditions, the floor board is constructed of embossed steel to reduce of possibility of slipping.



**DIMENSIONS**



**LOAD CHART**



R series 5.0 - 7.0t forklift mast specification:

Type	Model	Mast fork height	Overall height		Free lift	Tilt range		Capacity		
			Lowered	Extended		FWD	RWD	Load capacity at 600 mm		
			mm	mm	mm	Deg	Deg	5 T	6 T	7 T
Wide view mast	50M, 7M	2500	2250	3920	160	6	12	5000	6000	7000
		2700	2350	4120	160	6	12	5000	6000	7000
		3000	2500	4420	160	6	12	5000	6000	7000
		3300	2650	4720	160	6	12	5000	6000	7000
		3600	2800	5020	160	6	12	5000	6000	7000
		4000	3000	5420	160	6	12	5000	6000	7000
		4300	3200	5720	160	6	6	5000	6000	7000
		4500	3300	5920	160	6	6	5000	6000	7000
		4800	3450	6220	160	6	6	5000	6000	7000
		5000	3550	6420	160	6	6	5000	6000	7000
Wide view full free 3-stage mast	50NX, 7N	2500	2185	3640	1048	6	12	5000	6000	7000
		4000	2720	5920	1323	6	6	4500	5500	6200
Wide view full free 3-stage mast	50NX, 7N	4800	2820	6220	1423	6	6	4500	5500	6200
		5000	2870	6420	1473	6	6	4500	5500	6200
		5500	3070	6920	1673	3	6	4200	5200	5800
		6000	3220	7420	1823	3	6	4000	5000	5500
		6500	3370	7920	1973	3	6	3800	4800	5300
		7000	3670	8420	2273	3	6	2900	3300	3600