



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2000



12.0 / 14.0 / 16.0 T
Diesel

Options

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



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ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.

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Drive axle

Made in China. HANGCHA-customized, heavy-duty car master reducer, wheel end reducer; open cam brake, air pressure driving brake, spring energy storage parking brake.

Gear-box

Imported gear-box, multi-stage torque converter, big converter ratio. wide range of auto-adjust speed ; stable and smooth shift , 2 stage forward and 1 stage backward, easy operation and maintenance.

Steering system

HANGCHA-made cross cylinder steering axle; tiltable lifting and lowering steering device, adjustable height and angle.

Hydraulic system

China made pump valve. Multiple unit valve and hand operation lever are connected with flexible shaft. Load sensing hydraulic system, double pumps supply, dynamic load sensing priority valve, reduce nonworking power consumption, reduce hydraulic oil temperature.

Body system

Combine frame structure with box-shape structure; high intensity, low weight, increase the cooling area of oil tank.



Power system

Yuchai YC6108ZG turbocharge 6 cylinders engine, high performance, low oil consumption, low speed high torque, great power reserve. Great capacity cooler, oil and water is together, huge cooling area, abundant cooling capacity.

Lifting assembly

Connect with body pin shaft, widen double mast, increased gantry resistance to torsion, widen view; standard fork can be adjusted with leading screw by hand , cylinder adjust is option.

Overhead guard

Whole full-floating type, connect with 4 point type rubber absorber ; tilted structure is easy to enter and maintain inside; diminutive steering column and steering wheel , wide space for driver's legs. Cab is for option.

Electrical system

Combined meters. Well-equipped meter display, alert function. Neutral starting in 0 shift of engine; low brake pressure alert; it will sound alert when low pressure or non-lease parking brake occurs.

Brake system

Adopt auto parts, air pressure power brake, it has the virtues which are not only little manipulation strength but also stop the pollution which oil leakage may cause.



R series 12.0 - 16.0t forklift specification:

General	1 Manufacture				CPCD120		CPCD140		CPCD160				
	2 Basic model												
	3 Type				XG35		XW25		XG35		XW25		
Dimensions	4 Power type				Diesel		Diesel		Diesel				
	5 Rated capacity		kg		12000		14000		16000				
	6 Load center		mm		600		600		600				
	7 Fork spread(outside)		Min. / Max.		520 / 2200		520 / 2200		820 / 2400				
	8 Lift height		mm		3000		3100		3100				
	9 Fork size		L×W×T		1500×180×90		1500×200×85		1550×250×90				
	10 Mast tilt range		F / R		deg		6 / 12		6 / 12				
	11 Fork overhang(Wheel center to fork face)		mm		760		785		800				
	Overall dimensions		Length to face of fork		mm		6000		6210		6320		
			Overall width		mm		2420		2490		2490		
Mast lowered height			mm		3180		3270		3290				
Overhead guard height			mm		2910		2940		2960				
Performance	16 Overall length(standard fork length)		mm		4500		4710		4820				
	17 Turning radius(outside)		mm		4150		4350		4450				
	18 Speed		Travel (No load / Full load)		Km/h		28		29		30		
			Lifting / Lowering (Full load)		mm/sec		350		350		330		
	20 Max.gradeability(Full load)		%		20		20		20				
	21 Max. drawbar pull (Full load)		KN		100		100		100				
	Chassis	22 Tyres		Front		mm		10.00 - 20 - 14PR		11.00 - 20 - 18PR		12.00 - 20 - 20PR	
		23		Rear		mm		10.00 - 20 - 14PR		11.00 - 20 - 18PR		12.00 - 20 - 20PR	
		24 Tread		Front		mm		1800		1800		1800	
				Rear		mm		1920		1890		1890	
26 Ground clearance		Mast		mm		250		250		250			
		Wheelbase center		mm		315		330		350			
28 Self weight				kg		15600		17600		19200			
29 Battery		Voltage / Capacity(20HR)		V/AH		24 / 120		24 / 120		24 / 120			
Power	30		Model		YC6108ZG		QSB6.7		QSB6.7		QSB6.7		
	31		Manufacture		CHINA		CUMMINS		CHINA		CUMMINS		
	32		Rated output / r.p.m.		kw/rpm		115 / 2300		115 / 2300		115 / 2300		
	33		Rated torque / r.p.m.		N-m/rpm		560 / 1500		931 / 1500		560 / 1500		
	34		No.of cylinder				6		6		6		
	35		Bore×Stroke		mm		107×124		107×124		107×124		
	36		Emission STD.				Stage 3 / Tier 3		Stage 3 / Tier 3		Stage 3 / Tier 3		
	37		Stage		FWD/RVS		3 / 3		3 / 3		3 / 3		
Brake	38 Operating pressure		MPa		20		20		20		20		
	39 Driving brake				Pneumatic Drum		Pneumatic Drum		Pneumatic Drum		Pneumatic Drum		
	40 Parking Brake				Spring energy storage		Spring energy storage		Spring energy storage		Spring energy storage		

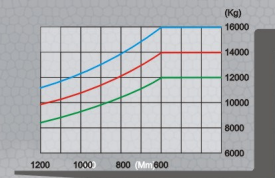
1. Special lifting height available (3.6m, 4m, 4.5m, 5m, 5.5m, 6m, 7m).

2. Attachment available.

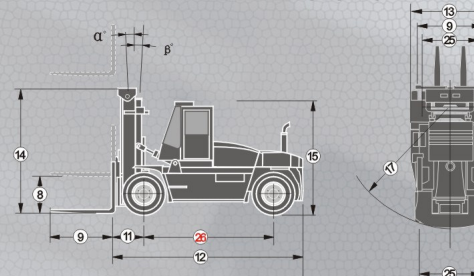
3. The specification in the table are for standard models only. For further information please contact us.

4. Specification are subject to change without notice.

LOAD CHART



DIMENSIONS



R series 12.0 - 16.0t forklift mast specification:

Type	Model	Mast fork height	Overall height		Tilt range		Capacity	
			Lowered	Extended With backrest	FWD	RWD	Load capacity at 600 mm	
							Double tire	
GX120MX		mm	mm	mm	Deg	Deg	kg	
	GX120M300	3000	3180	4695	6	12	12000	
	GX120M330	3300	3330	4995	6	12	12000	
	GX120M360	3600	3480	5295	6	12	12000	
	GX120M400	4000	3680	5695	6	12	12000	
	GX120M430	4300	3880	6030	6	6	12000	
	GX120M450	4500	3980	6230	6	6	12000	
	GX120M480	4800	4130	6530	6	6	12000	
	GX120M500	5000	4230	6730	6	6	12000	
	GX120M550	5500	4530	7280	3	6	10500	
GX140MX	GX120M600	6000	4780	7780	3	6	9500	
	GX140M300	3000	3270	4770	6	12	14000	
	GX140M330	3300	3440	5090	6	12	14000	
	GX140M360	3600	3590	5390	6	12	14000	
	GX140M400	4000	3790	5790	6	12	14000	
	GX140M430	4300	3990	6040	6	12	14000	
	GX140M450	4500	4090	6340	6	12	14000	
	GX140M480	4800	4240	6640	6	6	14000	
	GX140M500	5000	4340	6840	6	6	14000	
	GX140M550	5500	4640	7390	3	6	12500	
GX160MX	GX140M600	6000	4890	7890	3	6	11500	
	GX160M300	3000	3290	4790	6	12	16000	
	GX160M330	3300	3440	5090	6	12	16000	
	GX160M360	3600	3590	5390	6	12	16000	
	GX160M400	4000	3790	5790	6	12	16000	
	GX160M430	4300	3990	6140	6	12	16000	
	GX160M450	4500	4090	6340	6	12	16000	
	GX160M480	4800	4240	6640	6	6	16000	
	GX160M500	5000	4340	6840	6	6	16000	
	GX160M550	5500	4640	7390	3	6	14500	
	GX160M600	6000	4890	7890	3	6	13000	