

# R Series

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



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2000



HANGCHA

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



**HCIE** is authorized to deal with the whole import & export business of **ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.**

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### Frame

Vertical sides help the driver work safely with less damage, even in an area with low-level obstructions.

Thick chassis plates resist distortion, reduce damage and minimise refurbishment costs.

The wide mast, low scuttle and high seating position gives the operator an excellent view of the forks and of the way ahead-reducing load damage and accidents.

Well positioned lights ensure optimum vision to both the front and back-essential in containers.

Much attention has been given to the carriage design, with an integral fork positioner



### Easier maintenance and servicing

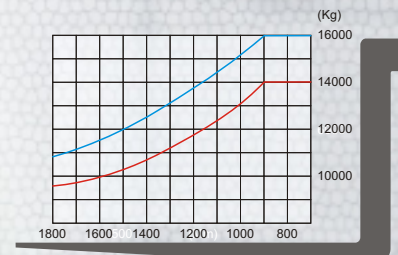
Along with the kind of engineering that promises unsurpassed performance and productivity in all applications, our forklifts are designed with many features that facilitate maintenance and servicing. For example, the wide-opening top panel and radiator cover are equipped with gas stays and convenient hand grips that enable quick access to the engine compartment.



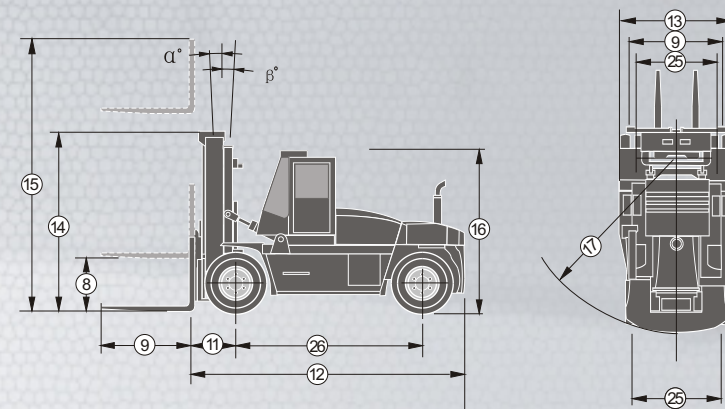
### Non-slip floor and step

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.

### LOAD CHART



### DIMENSIONS



		CPCD140		CPCD160		CPCD160		
		W2	W25	W2	W25	AW2	AW25	
General	1 Manufacture	SBC						
	2 Basic model	CPCD140		CPCD160		CPCD160		
	3 Type	W2	W25	W2	W25	AW2	AW25	
	4 Power type	Diesel						
5 Rated capacity	kg	14000		16000		16000		
6 Load center	mm	900		900		1200		
7 Fork spread(outside)	Min. / Max.	520 / 2200		520 / 2200		820 / 2400		
8 Lift height	mm	3300		3000		3000		
9 Fork size	L×W×T	mm 1820×200×105		1820×200×105		2440×250×105		
10 Mast tilt range	F / R	deg 6 / 12		6 / 12		6 / 12		
11 Fork overhang(Wheel center to fork face)	mm	890		890		890		
Dimensions	12 Length to face of fork	mm 5300 / 7130		5300 / 7130		5460 / 7900		
	13 Overall width	mm 2950		2950		2950		
	14 Overall dimensions	Mast lowered height	mm 3500		3500		3500	
		Mast extended height	mm 4850		5000		5000	
		Overhead guard height	mm 3200		3200		3200	
	17 Turning radius(outside)	mm	5000		5000		5175	
	18 Min.right angle stacking aisle width	mm	7910		7910		8710	
Performance	19 Speed	Travel (No load / Full load)	Km/h 27 / 22.5		27 / 22.5		27 / 22.5	
		Lifting / Lowering (Full load)	mm/sec 350 / 450		320 / 420		320 / 420	
	21 Max.gradeability(Full load)	%	25		25		25	
	22 Max. drawbar pull (Full load)	KN	125		125		125	
23 Tyres	Front	mm 12.00 - 24 - 20PR		12.00 - 24 - 20PR		12.00 - 24 - 20PR		
	Rear	mm 12.00 - 20 - 20PR		12.00 - 20 - 20PR		12.00 - 24 - 20PR		
25 Tread	Front / Rear	mm 2230 / 2340		2230 / 2340		2230 / 2340		
26 Wheelbase	mm	3650		3650		3750		
27 Ground clearance	Mast	250		250		250		
	Wheelbase center	320		320		320		
29 Self weight	kg	22900		24200		25200		
30 Battery	Voltage / Capacity(20HR)	V/AH	2×12 / 150	2×12 / 120	2×12 / 150	2×12 / 120	2×12 / 150	
31 Model	6BTA5.9 QSB6.7		6BTA5.9 QSB6.7		6BTA5.9 QSB6.7		6BTA5.9 QSB6.7	
32 Manufacture	CUMMINS		CUMMINS		CUMMINS		CUMMINS	
33 Rated output / r.p.m.	kw/rmp	138 / 2300		142 / 2300		138 / 2300		
34 Rated torque / r.p.m.	N-m/rmp	786 / 1500		930 / 1500		786 / 1500		
35 Engine	No.of cylinder	6		6		6		
	Bore×Stroke	mm	102×120		107×124		102×120	
36 Emission STD.	Stage 3 / Tier 3		Stage 3 / Tier 3		Stage 3 / Tier 3		Stage 3 / Tier 3	
38 Displacement	L	5.9		6.7		5.9		
39 Fuel tank capacity	L	280		280		280		
40 Manufacture	GERMAN		GERMAN		GERMAN		GERMAN	
41 Transmissions	Type	Electric control Powershift		Electric control Powershift		Electric control Powershift		
	Stage	FWD/RVS 3 / 3		3 / 3		3 / 3		
43 Operating pressure	MPa	21		21		21		
Brake	44 Service Brake	Hydraulic wet disc brake system		Hydraulic wet disc brake system		Hydraulic wet disc brake system		
	45 Parking Brake	Spring Applied Hydraulically Released		Spring Applied Hydraulically Released		Spring Applied Hydraulically Released		

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.

### R series 14.0 - 16.0t forklift mast specification:

Type	Model	Mast fork height	Overall height		Tilt range		Capacity
			Lowered	Extended With backrest	FWD	RWD	Load capacity at 900 mm Double tire
		mm	mm	mm	Deg	Deg	kg
Wide view mast	G140MX	3300	3500	5150	6	12	14000
		3600	3650	5450	6	12	14000
		4000	3850	5850	6	12	14000
		4300	4050	6200	6	12	14000
		4500	4150	6400	6	12	14000
		4800	4300	6700	6	6	14000
		5000	4400	6900	6	6	14000
		5500	4700	7450	3	6	13000
		6000	4950	7950	3	6	12000
		6500	5250	8500	3	6	11000
Wide view mast	G160MX	3000	3500	5000	6	12	16000
		3300	3650	5300	6	12	16000
		3600	3800	5600	6	12	16000
		4000	4000	6000	6	12	16000
		4300	4200	6350	6	12	16000
		4500	4300	6550	6	12	16000
		4800	4450	6850	6	6	16000
		5000	4550	7050	6	6	16000
		5500	4850	7600	3	6	15000
		6000	5100	8100	3	6	14000
6500	5400	8650	3	6	13000		

