

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



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

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.

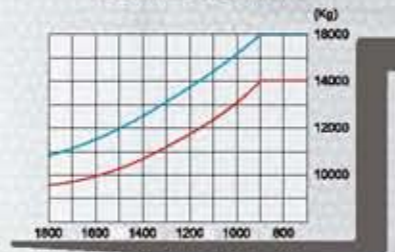


Non-slip floor and step

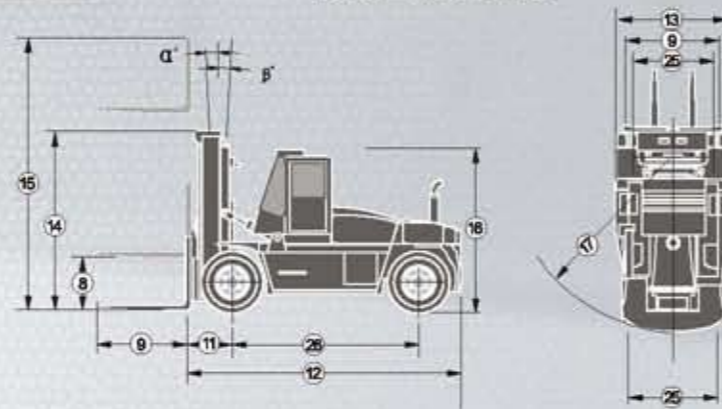
The wide-open step is not only convenient to use but safer thanks to anti-slip mats. To further improve safety in demanding work conditions, the floor board is constructed of embossed steel to reduce the possibility of slipping.



LOAD CHART



DIMENSIONS



		CPCD140		CPCD160		CPCD160	
		W2	W25	W2	W25	AW2	AW25
1	Manufacture						
2	Basic model	CPCD140					
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 3000 3000 3000					
9	Fork size	L X W X T mm 1820 X 200 X 105 1820 X 200 X 105 2440 X 250 X 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					
12	Overall dimensions	Length to face of fork mm 5300 / 7130 5300 / 7130 5460 / 7900					
13		Overall width mm 2950 2950 2950					
14		Mast lowered height mm 3350 3500 3500					
15		Mast extended height mm 4850 5000 5000					
16	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					
19	Speed	Travel (No load / Full load) Km/h 27 / 22.5 27 / 22.5 27 / 22.5					
20		Lifting / Lowering (Full load) mm/sec 350 / 420 330 / 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					
24		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 mm 250 250 250					
28		Wheelbase center mm 320 320 320					
29	Self weight	kg 22700 24500 25200					
30	Battery	Voltage / Capacity(20HR) V/AH 2 X 12 / 150 2 X 12 / 120 2 X 12 / 150 2 X 12 / 120 2 X 12 / 150 2 X 12 / 120					
31	Model	6BTAS.9 QSB6.7 6BTAS.9 QSB6.7 6BTAS.9 QSB6.7					
32	Manufacture	CUMMINS CUMMINS CUMMINS CUMMINS CUMMINS CUMMINS					
33	Rated output / r.p.m.	kw/hp 138 / 2300 142 / 2300 138 / 2300 142 / 2300 138 / 2300 142 / 2300					
34	Rated torque / r.p.m.	N-m/hp 786 / 1500 930 / 1500 786 / 1500 930 / 1500 786 / 1500 930 / 1500					
35	Engine	No of cylinder 6 6 6 6 6 6					
36	Bore X Stroke	mm 102 X 120 107 X 124 102 X 120 107 X 124 102 X 120 107 X 124					
37		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 6.7 5.9 6.7					
39	Fuel tank capacity	L 280 280 280 280 280 280					
40	Manufacture	GERMAN GERMAN GERMAN GERMAN GERMAN GERMAN					
41	Transmissions	Type Electric control Powershift Electric control Powershift Electric control Powershift Electric control Powershift Electric control Powershift Electric control Powershift					
42		Stage FWD/RVS 3 / 3 3 / 3 3 / 3 3 / 3 3 / 3 3 / 3					
43	Operating pressure	MPa 21 21 21 21 21 21					
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	Overall height			Tilt range		Capacity
		Lowered	Extended With backrest	FWD	RWD	Load capacity at 900 mm Double tire	
		mm	mm	Deg	Deg	kg	
Wide view mast	G14.0MX	3000	3350	4850	8	12	14000
		3300	3500	5150	8	12	14000
		3600	3650	5450	8	12	14000
		4000	3850	5850	8	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
		8000	4950	7950	3	8	12000
		8500	5250	8500	3	8	11000
Wide view mast	G16.0MX	3000	3500	5000	8	12	16000
		3300	3650	5300	8	12	16000
		3600	3800	5600	8	12	16000
		4000	4000	6000	8	12	16000
		4300	4200	6350	6	12	16000
		4500	4300	6550	6	12	16000
		4800	4450	6850	6	8	16000
		5000	4550	7050	6	8	16000
		5500	4850	7800	3	6	15000
		8000	5100	8100	3	6	14000
		8500	5400	8650	3	6	13000

