

G_{LOBAL} SALES NETWORK



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2008

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R Series

4.0/4.5/5.0t Diesel



HANGCHA GROUP CO., LTD.

R series 4.0 ~ 5.0t forklift specification:

General	1 Manufacturer			HANGCHA GROUP																							
	2 Basic model			CPCD40						CPCD45				CPCD50													
	3 Type			RW5		RW19		RW35		RG24		RW5		RW19		RW35		RG24		RXW5		RXW19		RXW35		RXG24	
	4 Power type			Diesel						Diesel						Diesel											
	5 Rated capacity			4000						4500						5000											
	6 Load center			500						500						500											
Characteristics & Dimensions	7 Lift height			3000						3000						3000											
	8 Free lift height			160						160						160											
	9 Fork size		L×W×T	1070×122×50						1070×150×50						1070×150×55											
	10 Mast tilt range		F / R	6 / 12						6 / 12						6 / 12											
	11 Fork overhang(Wheel center to fork face)			550						550						555											
	12 Rear overhang			520						560						560											
	Overall dimensions	13 Length to face of fork		mm	3070						3110		3110		3110		3215										
		14 Overall width		mm	1395						1490		1490		1490		1490										
		15 Mast lowered height		mm	2245						2245						2245										
		16 Mast extended height		mm	4170						4170						4365										
		17 Overhead guard height		mm	2050(2290*)						2050(2290*)						2050(2290*)										
	18 Turning radius(outside)			mm	2690						2720		2720		2720		2810										
	19 Min. right angle stacking aisle width (Add load length and clearance)			mm	3240						3270						3365										
Performance	Speed	20 Travel (No load)		km/h	0 ~ 25	0 ~ 26	0 ~ 24	0 ~ 26	0 ~ 25	0 ~ 26	0 ~ 24	0 ~ 25	0 ~ 25	0 ~ 26	0 ~ 24	0 ~ 26											
		21 Lifting (Full load)		mm/sec	440	460	430	440	440	460	430	440	380	400	430	380											
		22 Lowering (Full load)		mm/sec	500						500						500										
	23 Max.Drawbar Pull (Full load)		N	38200	35900	35000	37200	38200	35900	35000	37200	38200	35900	35000	37200												
	24 Max.Gradeability (Full load)		%	20						20	20	20	20	20	20	20	20										
Chassis	Tyres	25 Front		mm	8.25 -15 -14PR						300-15-18PR						300-15-18PR										
		26 Rear		mm	7.00 - 12 - 12PR						7.00 - 12 - 12PR						7.00 - 12 - 12PR										
		27 Front		mm	1160						1190		1190		1190		1190										
	Tread	28 Rear		mm	1130						1130						1130										
		29 Wheelbase			mm	2000						2000						2100									
	Ground clearance	30 Lowest			170						170						170										
31 Wheelbase center			230						230						230												
Weight	32 Self weight			kg	6300						6500						6850										
	Weight Distribution	33 Full load		Front / Rear	9000 / 1300						9625 / 1375		9625 / 1375		9625 / 1375		9625 / 1375		10450/1400								
34 No load		Front / Rear	2800 / 3500						2820/3680		2820 / 3680		2820 / 3680		2820 / 3680		3000/3850										
35 Battery			Voltage/Capacity(20HR)	24 / 70 / 20h						24 / 70 / 20h						24 / 70 / 20h											
Power & transmission	Engine	36 Model			B3.3T	TD42	1104	4108	B3.3T	TD42	1104	4108	B3.3T	TD42	1104	4108											
		37 Manufacture		V/Ah	COMMINS	NISSAN	PERKINS	LUOTUO	COMMINS	NISSAN	PERKINS	LUOTUO	COMMINS	NISSAN	PERKINS	LUOTUO											
		38 Rated output / r.p.m.		kw	60 / 2200	59/2300	56/2200	57 / 2200	60 / 2200	59/2300	56/2200	57 / 2200	60 / 2200	59/2300	56/2200	57 / 2200											
		39 Rated torque / r.p.m.		N·m	292 / 1600	254/1800	265/1700	285 / 1400	292 / 1600	254/1800	265/1700	285 / 1400	292 / 1600	254/1800	265/1700	285 / 1400											
		40 No. of cylinder			4	6	4	4	4	6	4	4	4	6	4	4											
		41 Bore×Stroke		mm	95 × 115	96 × 96	105 × 127	108 × 125	95 × 115	96 × 96	105 × 127	108 × 125	95 × 115	96 × 96	105 × 127	108 × 125											
		42 Emission STD.			Stage II / Tier 2		Stage III		Stage II / Tier 2		Stage III		Stage II / Tier 2		Stage III												
		43 Displacement		cc	3300	4169	4410	4580	3300	4169	4410	4580	3300	4169	4410	4580											
	44 Fuel tank capacity		L	80	80	80	80	80	80	80	80	80	80	80	80	80											
	Transmissions	45 Manufacture			CHINA						CHINA						CHINA										
		46 Type			Powershift						Powershift						Powershift										
		47 Stage		FWD / RVS	2 / 1						2 / 1						2 / 1										
48 Operating pressure		For attachments	Mpa	18						18						18											

1. Special lifting height available (2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m) 2. Attachment available.
3. The specifications in the table are for standard models only. For further information please contact us. 4. Specifications are subject to change without notice.
Note:* With suspension seat or cabin.

4.0 ~ 5.0t R series mast: (pneumatic)

Type	Model	Max. Fork height	Overall height								Free lift				Front Overhang		Tilt range		Capacity					
			Lowered		Extended		Without backrest		With backrest		Without backrest		With backrest						Load capacity at 500 mm					
					Without backrest										With backrest		Without backrest		With backrest		Single tire			Double tire
			4 / 4.5t	5t	4 / 4.5t	5t	4 / 4.5t	5t	4 / 4.5t	5t	4 / 4.5t	5t	4 / 4.5t	5t	4 / 4.5t	5t	deg	deg	4t	4.5t	5t	4t	4.5t	5t
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg	kg	kg	kg		
Wide view mast	R45/X50M250	2500	1995	1995	3330	3330	3670	3865	160	160	160	160	160	550	555	6	12	4000	4500	5000	4000	4500	5000	
	R45/X50M270	2700	2095	2095	3530	3530	3870	4065	160	160	160	160	160	550	555	6	12	4000	4500	5000	4000	4500	5000	
	R45/X50M300	3000	2245	2245	3830	3830	4170	4365	160	160	160	160	160	550	555	6	12	4000	4500	5000	4000	4500	5000	
	R45/X50M330	3300	2395	2395	4130	4130	4470	4665	160	160	160	160	160	550	555	6	12	4000	4500	5000	4000	4500	5000	
	R45/X50M350	3500	2495	2495	4330	4330	4670	4865	160	160	160	160	160	550	555	6	12	4000	4500	5000	4000	4500	5000	
	R45/X50M360	3600	2545	2545	4430	4430	4770	4965	160	160	160	160	160	550	555	6	12	4000	4500	5000	4000	4500	5000	
	R45/X50M400	4000	2795	2795	4830	4830	5170	5365	160	160	160	160	160	550	555	6	12	3800	4250	4750	4000	4500	5000	
	R45/X50M430	4300	2960	2960	5130	5130	5470	5665	160	160	160	160	160	550	555	6	6	3600	4000	4500	3800	4250	4750	
	R45/X50M450	4500	3070	3070	5330	5330	5670	5865	160	160	160	160	160	550	555	6	6	3400	3800	4250	3600	4050	4500	
	R45/X50M480	4800	3235	3235	5630	5630	5970	6165	160	160	160	160	160	550	555	6	6	3000	3350	3750	3200	3600	4000	
Wide view full free 2-stage mast	R45/X50M500	5000	3345	3345	5830	5830	6170	6365	160	160	160	160	160	550	555	6	6	2800	3150	3500	3000	3400	3750	
	R45/X50U250	2500	1976	1976	3365	3365	3670	3865	1114	1114	809	610	557	562	6	12	4000	4500	5000	4000	4500	5000		
	R45/X50U275	2750	2100	2100	3615	3615	3920	4115	1238	1238	933	735	557	562	6	12	4000	4500	5000	4000	4500	5000		
	R45/X50U300	3000	2226	2226	3865	3865	4170	4365	1364	1364	1055	860	557	562	6	12	4000	4500	5000	4000	4500	5000		
	R45/X50U330	3300	2376	2376	4165	4165	4470	4665	1514	1514	1205	1010	557	562	6	12	4000	4500	5000	4000	4500	5000		
Wide view full free 3-stage mast	R45/X50U360	3600	2526	2526	4465	4465	4770	4965	1664	1664	1359	1160	557	562	6	12	4000	4500	5000	4000	4500	5000		
	R45/X50N400	4000	2080	2080	4850	4860	5170	5365	1229	1222	912	715	603	615	6	12	3600	4000	4500	3800	4250	4750		
	R45/X50N430	4300	2180	2180	5155	5160	5470	5665	1329	1322	1012	815	603	615	6	6	3400	3800	4250	3600	4050	4500		
	R45/X50N450	4500	2248	2248	5365	5370	5685	5880	1395	1390	1080	883	603	615	6	6	3200	3600	4000	3400	3850	4250		
	R45/X50N480	4800	2340	2340	5650	5660	5970	6170	1489	1482	1172	975	603	615	6	6	3000	3350	3750	3200	3600	4000		
	R45/X50N500	5000	2410	2410	5855	5860	6170	6370	1559	1552	1242	1045	603	615	6	6	2800	3150	3500	3000	3400	3750		
	R45/X50N550	5500	2575	2575	6355	6360	6670	6870	1724	1718	1408	1210	603	615	3	6	2250	2550	2850	2800	3100	3350		
	R45/X50N600	6000	2790	2790	6865	6870	7180	7380	1939	1932	1622	1425	603	615	3	6	1700	1950	2200	2600	2800	2950		