



5t Mast: (pneumatic)

Type	Model	Max.fork height	Overall height				Free lift		Front Overhang	Tilt range		Capacity max height Load Center 24in(600mm)	
			Lowered	Extended		Without backrest	With backrest	FWD		BWD	ISO 22915-2 Counterbalanced trucks with mast	ISO 22915-13 Rough-terrain trucks with mast	
				Without backrest	With backrest								lb(kg)
		mm	mm	mm	mm	mm	mm	mm	(°)	(°)	lb(kg)	lb(kg)	
Wide view mast	RTC50M300	3000	2685	4183	4534	170	170	735	15	15	11000(5000)	11000(5000)	
	RTC50M330	3300	2835	4483	4834	170	170	735	15	15	11000(5000)	11000(5000)	
	RTC50M350	3500	2935	4683	5034	170	170	735	15	15	11000(5000)	11000(5000)	
	RTC50M370	3700	3035	4883	5234	170	170	735	15	15	11000(5000)	11000(5000)	
	RTC50M400	4000	3185	5183	5534	170	170	735	15	15	11000(5000)	11000(5000)	
	RTC50M450	4500	3485	5685	6034	170	170	735	15	15	10450(4750)	10120(4600)	
Wide view full free triplex mast	RTC50M500	5000	3735	6185	6534	170	170	735	15	15	9240(4200)	9020(4100)	
	RTC50N400	4000	2760	5470	5534	1300	1051	804	15	15	11000(5000)	11000(5000)	
	RTC50N430	4300	2850	5740	5834	1420	1141	804	15	15	10120(4600)	9900(4500)	
	RTC50N450	4500	2910	5920	6034	1500	1201	804	15	15	9460(4300)	9020(4100)	
	RTC50N480	4800	3010	6220	6334	1600	1301	804	15	15	9020(4100)	8580(3900)	
	RTC50N500	5000	3060	6399	6534	1671	1351	804	10	15	8580(3900)	7700(3500)	
	RTC50N550	5500	3260	6970	7034	1800	1551	804	10	15	7040(3200)	5720(2600)	
	RTC50N600	6000	3410	7420	7534	2000	1701	804	10	15	6160(2800)	5060(2300)	

Note: ISO 22915-2 for industrial use; ISO 22915-13 for rough terrain use.
With integral sideshifter minus 400kg with sideshifter minus 500kg.

Standard specification

- / Counterweight cover
- / Full-suspension seat
- / Dual air filters
- / High-position exhaust
- / Fuel tank cover (with lock)
- / Fan protection device
- / Rear working light
- / Alarm light
- / Emergency switch
- / Right and left reflective mirrors
- / PVC ceiling
- / Wet brake
- / Mud baffle provided with rigging hole

Options

- / Front windshield and wipers
- / Cab (warm air blower and fan are available for option)
- / Engine cover with lock
- / Engine cover with dual sound insulation cushion
- / Engine cover with lock+ dual sound insulation cushion
- / 3rd/4th/5th valve
- / Voice type reversing buzzer
- / Blue light lamp
- / Low-temperature cold start-up battery (-20)
- / OPS system
- / OPS system & Compatible with Sequential Seat Belt Interlock System



7t Mast: (pneumatic)

Type	Model	Max.fork height	Overall height				Free lift		Front Overhang	Tilt range		Capacity max height Load Center 24in(600mm)	
			Lowered	Extended		Without backrest	With backrest	FWD		BWD	ISO 22915-2 Counterbalanced trucks with mast	ISO 22915-13 Rough-terrain trucks with mast	
				Without backrest	With backrest								mm
		mm	mm	mm	mm	mm	mm	mm	(°)	(°)	lb(kg)	lb(kg)	
Wide view mast	RTC70M300	3000	2935	4385	4534	175	175	740	15	15	15500(7000)	15500(7000)	
	RTC70M330	3300	3095	4685	4834	175	175	740	15	15	15500(7000)	15500(7000)	
	RTC70M350	3500	3185	4885	5034	175	175	740	15	15	15500(7000)	15500(7000)	
	RTC70M370	3700	3285	5085	5234	175	175	740	15	15	15500(7000)	15500(7000)	
	RTC70M400	4000	3435	5385	5534	175	175	740	15	15	15500(7000)	15500(7000)	
	RTC70M450	4500	3735	5935	6034	175	175	740	15	15	15500(7000)	15500(7000)	
Wide view full free triplex mast	RTC70M500	5000	3985	6435	6534	175	175	740	15	15	15500(7000)	15500(7000)	
	RTC70N400	4000	2760	5470	5534	1300	1236	810	15	15	15500(7000)	15500(7000)	
	RTC70N430	4300	2850	5740	5834	1420	1326	810	15	15	15500(7000)	15500(7000)	
	RTC70N450	4500	2910	5920	6034	1500	1386	810	15	15	15500(7000)	15500(7000)	
	RTC70N480	4800	3010	6220	6334	1600	1486	810	15	15	15500(7000)	15057(6800)	
	RTC70N500	5000	3060	6399	6534	1671	1536	810	10	15	15500(7000)	11293(5100)	
	RTC70N550	5500	3260	6970	7034	1800	1736	810	10	15	12843(5800)	9521(4300)	
	RTC70N600	6000	3410	7420	7534	2000	1886	810	10	15	9743(4400)	5314(2400)	
RTC70N650	6500	3560	7899	8034	2171	2036	810	10	15	8857(4000)	3985(1800)		
RTC70N700	7000	3860	8570	8570	2471	2300	810	10	15	/	/		

10t Mast: (pneumatic)

Type	Model	Max.fork height	Overall height				Free lift		Front Overhang	Tilt range		Capacity max height Load Center 24in(600mm)	
			Lowered	Extended		Without backrest	With backrest	FWD		BWD	ISO 22915-2 Counterbalanced trucks with mast	ISO 22915-13 Rough-terrain trucks with mast	
				Without backrest	With backrest								mm
		mm	mm	mm	mm	mm	mm	mm	(°)	(°)	lb(kg)	lb(kg)	
Wide view mast	RTC100M300	3000	3290	4735	/	200	/	932	15	15	22000(10000)	22000(10000)	
	RTC100M330	3300	3440	5035	/	200	/	932	15	15	22000(10000)	22000(10000)	
	RTC100M350	3500	3540	5235	/	200	/	932	15	15	22000(10000)	22000(10000)	
	RTC100M360	3600	3590	5335	/	200	/	932	15	15	22000(10000)	22000(10000)	
	RTC100M400	4000	3790	5735	/	200	/	932	15	15	22000(10000)	22000(10000)	
	RTC100M450	4500	4090	6285	/	200	/	932	15	15	22000(10000)	22000(10000)	
Wide view full free triplex mast	RTC100M500	5000	4340	6785	/	200	/	932	15	15	22000(10000)	22000(10000)	
	RTC100N450	4500	2990	6300	/	1500	/	1000	15	15	/	/	
	RTC100N480	4800	3090	6600	/	1600	/	1000	15	15	/	/	
	RTC100N500	5000	3190	6900	/	1600	/	1000	10	15	/	/	
	RTC100N550	5500	3340	7350	/	1800	/	1000	10	15	/	/	
	RTC100N600	6000	3490	7800	/	2000	/	1000	10	15	/	/	
	RTC100N650	6500	3770	8380	/	2200	/	1000	10	15	/	/	
	RTC100N700	7000	3940	8850	/	2400	/	1000	10	15	/	/	

5.0-10t 2WD/4WD Rough Terrain Forklift

		HANGCHA GROUP CO.,LTD.											
Distinguishing mark	1.1	Manufacturer	HANGCHA GROUP CO.,LTD.										
	1.2	Manufacturer's type designation	CPD50 XW70E-R14	CPD50 XW95E-R14	CPD50 XW70E-R12	CPD50 XW95E-R12	CPD70 XH10E-R14	CPD70 XH10E-R12	CPD100 XH10E-R14	CPD70 XW70E-R14	CPD70 XW70E-R12	CPD100 XW70E-R14	
	1.3	Drive electric (battery or motor), diesel, petrol, fuel gas	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	
	1.4	Operator type: hand, pedestrian, standing, seated, order picker	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	
	1.5	Rated capacity/load	Q (kg)	5000	5000	5000	5000	7000	7000	10000	7000	7000	10000
Weight	1.6	Load center distance	c (mm)	600	600	600	600	600	600	600	600	600	600
	1.8	Load distance, center of drive axle to fork	x (mm)	735	735	735	735	740	740	932	740	740	932
	1.9	Wheelbase	y (mm)	2150	2150	2150	2150	2500	2500	2800	2500	2500	2800
	2.1	Service weight	kg	9050	9050	9050	9050	10400	10400	12500	10400	10400	12500
	2.2	Asle loading, laden front/rear	kg	12300/1750	12300/1750	12300/1750	12300/1750	15140/2760	15140/2760	22520/2980	15140/2760	15140/2760	22520/2980
	2.3	Asle loading, unladen front/rear	kg	4700/4770	4700/4770	4700/4770	4700/4770	4310/6290	4310/6290	650/8280	4310/6290	4310/6290	650/8280
	Tyres, chassis	3.1	Type: solid rubber, superelastic, pneumatic, polyurethane	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
		3.2	Type size, front	445/65-22.5-18PR	445/65-22.5-18PR	445/65-22.5-18PR	445/65-22.5-18PR	445/65-22.5-20PR	445/65-22.5-20PR	17.5-25-30PR	445/65-22.5-20PR	445/65-22.5-20PR	17.5-25-30PR
		3.3	Type size, rear	12.5/80-18-15PR	12.5/80-18-15PR	12.5/80-18-15PR	12.5/80-18-15PR	12.5/80-18-16PR	12.5/80-18-16PR	385/55-24.5-18PR	12.5/80-18-16PR	12.5/80-18-16PR	385/55-24.5-18PR
		3.5	Wheels, number front / rear (x = driven wheels)	2+12*	2+12*	2+12*	2+12*	2+12*	2+12*	2+12*	2+12*	2+12*	2+12*
3.6		Tread, front	b1 (mm)	1660	1660	1660	1660	1700	1700	2095	1700	1700	2095
3.7		Tread, rear	b2 (mm)	1760	1760	1760	1760	1760	1900	1760	1760	1760	1900
Dimensions		4.1	Tilt of mast/fork carriage forward/backward	°(°)	35/15	35/15	35/15	35/15	35/15	35/15	35/15	35/15	35/15
	4.2	Height, mast lowered	h1 (mm)	2185	2185	2185	2185	2185	2185	2185	2185	2185	
	4.3	Free lift	h2 (mm)	170	170	170	170	175	175	200	175	200	
	4.4	Lift	h3 (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	
	4.5	Height, mast extended	h4 (mm)	4534	4534	4534	4534	4534	4735	4534	4534	4735	
	4.7	Height of overhead guard	h5 (mm)	2575	2575	2575	2575	2575	2575	2575	2575	2575	2575
	4.10	Overall length	l1 (mm)	4865	4865	4865	4865	5360	5360	6242	5360	5360	6242
	4.20	Length to face of forks	l2 (mm)	3665	3665	3665	3665	4140	4140	4722	4140	4140	4722
	4.21	Overall width	b (mm)	2105	2105	2105	2105	2145	2145	2550*	2145	2145	2550*
	4.22	Fork dimension, ISO 2111	w (mm)	60*150*1200	60*150*1200	60*150*1200	60*150*1200	65*150*1220	65*150*1220	80*160*1520	65*150*1220	65*150*1220	80*160*1520
	4.23	Fork carriage DIN 15.173 — ISO 27576, class/type A/B	M0	M0	M0	M0	M0	M0	B	M0	M0	M0	
	4.24	Fork carriage width	h (mm)	1950	1950	1950	1950	1950	2150	1950	1950	1950	
	4.25	Distance between fork arms	h3 (mm)	300-1950	300-1950	300-1950	300-1950	300-1950	440-2150	300-1950	300-1950	440-2150	
	4.31	Ground clearance, laden, below mast	m1 (mm)	385	385	385	385	385	390	385	385	390	
	4.32	Ground clearance, center of wheelbase	m2 (mm)	370	370	370	370	387	424	387	387	424	
4.34	Fork width	f (mm)	6285	6285	5685	5685	7450	6120	8392	7450	6120	8392	
4.35	Turning radius	W (mm)	4150	4150	3750	3750	5290	3960	5740	5290	3960	5740	
Performance data	5.1	Towed speed, laden/unladen	km/h	25/25	25/25	25/25	25/25	25/25	25/25	24/24	25/25	24/24	
	5.2	Lift speed, laden	m/s	0.45/0.52	0.45/0.52	0.45/0.52	0.45/0.52	0.41/0.43	0.41/0.43	0.41/0.43	0.41/0.43	0.31/0.33	
	5.3	Lowering speed, laden	m/s	0.5/0.43	0.5/0.43	0.5/0.43	0.5/0.43	0.46/0.39	0.46/0.39	0.46/0.39	0.46/0.39	0.46/0.39	
	5.5	Drawbar pull, laden	N	95000	86000	87000	78000	96000	88000	97000	87000	88000	
	5.7	Gradeability, laden	%	55	45	42	41	60	60	50	50	30	
	5.10	Service brake	Wet brake	Wet brake	Wet brake	Wet brake	Wet brake	Wet brake	Wet brake	Wet brake	Wet brake	Wet brake	
		Parking brake	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	
Combustion-engine	7.1	Engine manufacturer/type	QF18B31C115	DEUTZ TD 56 L4	QF18B31C115	DEUTZ TD 56 L4	CLIPPER F 3.0	CLIPPER F 3.0	CLIPPER F 3.0	CLIPPER QF18B31C115	CLIPPER QF18B31C115	CLIPPER QF18B31C115	
		Emission STD	EURO III/Stage 3	EU Stage IV/EPA Tier 4f	EURO III/Stage 3	EU Stage IV/EPA Tier 4f	EU Stage IV/EPA Tier 4f	EU Stage IV/EPA Tier 4f	EU Stage IV/EPA Tier 4f	EURO III/Stage 3	EURO III/Stage 3	EURO III/Stage 3	
	7.2	Engine power according to DIN ISO 1585	kW/hp	86/2700	55.4/2300	86/2700	55.4/2300	90/2700	90/2700	90/2700	86/2700	86/2700	
	7.3	Max. torque	Nm/kNm	470/1100-1700	405/1300	470/1100-1700	405/1300	500/1500	500/1500	500/1500	470/1100-1700	470/1100-1700	
	7.4	Number of cylinders/displacement	(l/cyl)	4/3750	4/3670	4/3750	4/3670	4/3750	4/3750	4/3750	4/3750	4/3750	
7.10	Battery voltage/nominal capacity	V/Wh	2-1290	2-1290	2-1290	2-1290	2-1290	2-1290	2-1290	2-1290	2-1290		
Additional data	10.3	Hydraulic Tank - capacity (oil & oil)	litre	115	115	115	115	115	160	115	115	160	
	10.4	Fuel tank capacity	litre	120	120	120	120	120	150	120	120	150	

Note: * load center varies by applying small tips.

