

overall specifications

Identification	1.1	Manufacture			SUNRISE	SUNRISE
	1.2	Model			CPCD85	CPCD100
	1.4	Power type (electric,diesel, petrol LPG)			Diesel	Diesel
	1.5	Type of operation:hand,pedestrian,standing,seated,order- picker			Seated	Seated
	1.6	Load capacity/rated load		kg	8500	10000
	1.7	Load center distance	J	mm	600	600
	1.8	Front overhang	L3	mm	705	720
	1.9	Rear overhang	L4	mm	740	740
	2.0	Wheelbase	L2	mm	2500	2800
Weights	2.1	STD Dead Weight		kg	12100	13500
	2.2	Axle loading,loaded front/rear		kg	18500/2100	21200/2300
	2.3	Axle loading,unloaded front/rear		kg	5600/6700	6100/7400
Wheels,Chassis	3.1	Tires:pneumatic,solid rubber			pneumatic	pneumatic
	3.2	Tires size,front			9.00-20-14PR	9.00-20-14PR
	3.3	Tires size,rear			9.00-20-14PR	9.00-20-14PR
	3.4	Wheels,number front / rear(X=driven wheels)			X=4/2	X=4/2
	3.5	Track width,front	S	mm	1600	1600
	3.6	Track width,rear	P	mm	1700	1700
Basic Dimensions	4.11	Mast/fork carriage tilt forward / backward	α/β	degrees	6/12	6/12
	4.12	Lowered mast height	h2	mm	2695	2845
	4.13	Free lift height	h3	mm	200	215
	4.14	STD Max lift height	h1	mm	3000	3000
	4.15	Overhead guard height	h4	mm	2560	2560
	4.16	Distance from seat to overhead guard	SIP	mm	1060	1060
	4.17	Overall length	L1	mm	5465	5780
	4.18	Length to face of forks	L6	mm	3945	4260
	4.19	Overall width	W1	mm	2165	2165
	4.2	Fork dimensions(hook type)	L5×W×T	mm	1520×170×70	1520×175×85
	4.21	Fork carriage ISO 2328, class / type A,B			5/A	5/A
	4.22	Fork-carriage width		mm	2060	2203
	4.23	Ground clearance, under mast	m2	mm	250	250
	4.24	Ground clearance,centre of wheelbase	m1	mm	340	340
	4.25	Aisle width for pallets 1,000x1,200 crossways (LxW)	AST	mm	6075	6340
	4.26	Aisle width for pallets 800x1,200 lengthways (WxL)	AST	mm	6075	6340
	4.27	Turning radius	R1	mm	3650	3900
Performance Data	5.1	Max.traveling speed,loaded/ unloaded		km/h	24/28	24/28
	5.2	Max.lifting speed, loaded/ unloaded		mm/s	390/420	330/350
	5.3	Lowering speed, loaded/unloaded		mm/s	< 600	< 600
	5.7	Max.gradient		%	20	20
	5.9	Service brake			Hydraulic	Hydraulic
	5.10	Parking brake			Hand	Hand
Other Details	7.1	Operating pressure		Mpa	19.6	19.6
	7.2	Fuel tank capacity		L	160	160
	7.4	Type of drive			Automatic	Automatic

Optinal Engine (for 8.5t&10t)					
Engine Model	Manufacturer	Rated Power (kw/rpm)	Max.Torque (Nm/rpm)	Bore/Number of Cylinders/Displacement(mm/L)	Fuel Consumption (g/KW·h)
CA6110/125G2	Xichai	85/2000	450/1400~1500	110/6/7.127	230
6BG1	ISUZU	82.4/2000	416/1500	105/6/6.594	292
1104D-E44TA	Perkins	87/2200	518/1400	105/4/4.4	230
CA4DLD-12GG4	Xichai	85/2200	460/1400~1500	108/4.4	225
CY6B332	Chaochai	85/2200	450/1500	102/6/5.78	235
CA4DF3	Xichai	85/2200	460/1500	110/4/4.75	230
YC4A125-T300	Yuchai	92/2200	480/1400	108/4/4.85	225
QS84.5-C110	Cummins	82/2200	488/1500	107/4/4.5	230

mast specifications

Item	CPCD85					CPCD100				F/R(°)
	h1(mm)	c(kg)	h2(mm)	h3(mm)	h5(mm)	c(kg)	h2(mm)	h3(mm)	h5(mm)	
2 Stage Standard Mast	3000	8500	2695	200	200	10000	2845	215	215	6/12
	3300	8500	2845	200	200	10000	2995	215	215	6/12
	3500	8500	2945	200	200	10000	3095	215	215	6/12
	3750	8500	3070	200	200	10000	3220	215	215	6/12
	4000	8500	3245	200	200	10000	3395	215	215	6/6
	4250	8500	3370	200	200	10000	3520	215	215	6/6
	4500	8500	3495	200	200	10000	3645	215	215	6/6
	4750	8200	3620	200	200	10000	3770	215	215	6/6
	5000	8200	3745	200	200	10000	3895	215	215	6/6
	5500	7850	4045	200	200	9000	4195	215	215	3/6
	6000	7400	4295	200	200	8000	4445	215	215	3/6
	2000	8500	2345	867	\	8000	2345	882	1040	6/12
2 Stage Free Mast	3000	8500	2845	1367	\	8000	2845	1367	1540	6/12
	3300	8500	2995	1517	\	8000	2995	1532	1690	6/12
	3500	8500	3095	1617	\	8000	3095	1632	1790	6/12
	3700	8500	3195	1717	\	8000	3195	1732	1895	6/12
	4000	8500	3395	1917	\	8000	3395	1932	2095	6/12
	4250	8500	3520	2042	\	8000	3520	2057	2215	6/12
	4500		3645	2167	\	8000	3645	2182	2340	6/12
	4000	7500	2675	1197	\	8000	2675	1212	1370	6/12
3 Stage Free Mast	4350	7500	2795	1317	\	8000	2795	1332	1490	6/12
	4500	7500	2845	1367	\	8000	2845	1382	1540	6/6
	4800	7500	2945	1467	\	7500	2945	1482	1640	6/6
	5000	7500	3010	1532	\	7500	3010	1547	1705	3/6
	5400	7000	3200	1722	\	7000	3200	1737	1895	3/6
	6000	6400	3400	1922	\	5800	3500	1937	2195	3/6
	6500	5800	3565	2087	\	5600	3565	2102	2260	3/6

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R.

