

4000-6500 lbs

Internal Combustion
Counterbalanced
Cushion-tire Forklift



CP(Q)YD 20/25/30/35C



Manufacturers Data and Design Characteristics

1.01	Manufacturer		CHL			
1.02	Model		CP(Q)YD20C	CP(Q)YD25C	CP(Q)YD30C	CP(Q)YD32C
1.03	Power unit		LPG			
1.04	Rated capacity	lbs	4000	5000	6000	6500
1.05	Load center	in	24	24	24	24
1.06	Operation mode	type	seated	seated	seated	seated
	Size					
2.01	Max.lifting height	in	185	185	185	185
2.02	Mast overall height(fork to the ground and mast be vertical)	in	85	85	85	85
2.03	Max.fork lifting height(with backrest)	in	244	244	232	232
2.04	Free lift height	in	44	44	39	39
2.05	Overall height(overhead guard)	in	83.0	83.0	83.0	83.0
2.06	Min.ground clearance(at the mast)	in	3.5	3.5	3.5	3.5
2.07	Distance from the surface of the seat to the overhead guard	in	41.0	41.0	41.0	41.0
2.08	Traction pin height	in	10.0	10.0	10.0	10.0
2.09	Backrest height(calculated from the surface of the fork)	in	40.0	40.0	48.0	48.0
2.10	Overall length(with fork/without fork)	in	128.7/92.5	136.8/94.5	140/97.8	141/99
2.11	Wheel base	in	58.0	58.0	58.0	58.0
2.12	Front overhang	in	17.5	17.5	18.1	18.1
2.13	Rear overhang	in	16.7	16.7	21.7	22.6
2.14	Overall width	in	42.0	42.0	44.0	44.0
2.15	Tread (front tread/rear tread)	in	35.1/36.2	35.1/36.2	36.1/36.2	36.1/36.2
2.16	Fork adjustable range(the external of the fork)(Max./Min.)	in	40.37/7.85	40.3/7.85	40.3/7.85	40.3/7.85
2.17	Min.turning radius(exterior)	in	76	78.7	80.7	81.9
2.18	Min.turning radius(interior)	in	2.56	2.56	2.56	2.56
2.19	Min.right angle stacking aisle width	in	92.5	94.9	97.2	98.8
2.20	Mast tilting angle		6°/5°	6°/5°	6°/5°	6°/5°
2.21	Fork size	in	36X4.8X1.57	42X4.8X1.57	42X4.9X1.77	42X4.9X2.0
	Performance					
3.01	Max.traveling speed (Loaded/Unloaded)	mph	10.8/10.8	10.8/10.8	10.8/10.8	10.8/10.8
3.02	Lifting Speed (Loaded/Unloaded)	fpm	103/118	103/118	96/106	96/106
3.03	Lowering Speed (Loaded/Unloaded)	fpm	88/98	88/98	88/98	88/98
3.04	Max.drawbar pull (Loaded/Unloaded)	KN	20/12	20/12	20/12	20/12
3.05	Max.Gradeability (Loaded/Unloaded)	%	35/20	35/20	25/20	25/20
	Weight					
4.01	Total weight	lbs	8466	9480	10725	11067
4.02	Weight distribution loaded (front/rear)	lbs	10965/1500	12785/1742	14495/2225	15210/2360
4.03	Weight distribution unloaded (front/rear)	lbs	4080/4286	4010/5470	4115/6570	4010/7057
	Wheel and tire					
5.01	Wheel number x = drive wheel (front/rear)		2X/2	2X/2	2X/2	2X/2
5.02	Tire type(front/rear)	type	cushion tire	cushion tire	cushion tire	cushion tire
5.03	Tire size(front/rear)	in	21x7-15/16x6-10.5	21x7-15/16x6-10.5	21x7-15/16x6-10.5	21x8-15/16x6-10.5
5.04	Service brake	type	Hydraulic-foot pedal			
5.05	Parking brake	type	Mechanical hand lever			

4000-6500lb WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. lifting height (in)	Load Capacity at 24" Load Center				Mast over all height fork to the ground		Free lifting (with backrest)		Service weight (lbs.)				Mast tilting angle (°) α/β
		lbs				in		in		lbs				
		CPYD20C	CPYD25C	CPYD30C	CPYD32C	CPYD20-25C	CPYD30-32C	CPYD20-25C	CPYD30-32C	CPYD20C	CPYD25C	CPYD30C	CPYD32C	
ZSM360	142	4000	5000	6000	6500	70	74	30	25	8216	9229	10485	10826	6\5
ZSM400	157	4000	5000	6000	6500	75	76	35	30	8315	9328	10584	10925	6\5
ZSM435	171	4000	5000	6000	6500	80	84	40	34	8392	9405	10650	10991	6\5
ZSM450	177	4000	5000	6000	6500	83	86	42	36	8425	9438	10672	11013	6\5
ZSM470	185	4000	5000	6000	6500	84	88	44	38	8458	9471	10716	11057	6\5
ZSM480	189	3950	4740	5840	6280	86	90	46	40	8480	9493	10749	11090	6\5
ZSM500	197	3635	4520	5730	6170	90	82	50	43	8546	9559	10793	11134	6\5
ZSM540	213	3525	4400	5500	5950	95	98	55	49	8623	9637	10881	11222	3\5
ZSM600	236	3350	3500	4000	4630	104	107	63	57	8844	9857	11101	11443	3\5
ZSM650	256	2500	2860	2970	2750	111	114	71	64	8965	9978	11211	11553	3\3
ZSM700	276	1600	1780	1750	1600	122	124	81	74	9119	10132	11366	11707	3\3
ZFM490	193	3740	4630	4980	5300	73	73	35	26	8546	9559	10661	11002	6\5
ZFM560	220	3520	4180	4540	4800	80	80	43	33	8689	9703	10815	11145	6\5
ZFM611	240	2970	3750	3900	3800	84	84	47	37	8778	9791	10903	11233	3\5
ZFM650	256	2310	2750	2700	2550	88	88	51	41	8855	9868	10969	11322	3\5
ZFM702	276	1430	1980	1800	1600	95	95	57	47	8976	9989	11101	11454	3\3
ZFM750	295	990	1100	1200	1100	100	100	63	53	9075	10088	11189	11542	3\3

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