

COUNTER-BALANCED TRUCK SPECIFICATION

**CPD08A
CPD12A
CPD15A**



MAST INFORMATION

CPD08A Single Mast					
Lift height h3 (mm)	Mast Lowered Height h1 (mm)	Free Lift h2(mm)	Mast Extended Height h4(mm)	Tilt Angle α/β (°)	Remark
1200	1720	870	2050	0	Without overhead guard
1350	1870	1020	2200	0	
1500	2085	1235	2350	0	
1650	2170	1320	2500	0	
1800	2320	1470	2650	0	
2000	2520	1670	2850	0	

CPD08A Duplex Mast					
Lift height h3 (mm)	Mast Lowered Height h1 (mm)	Free Lift h2(mm)	Mast Extended Height h4(mm)	Tilt Angle α/β (°)	Remark
2500	1800	0	3350	0	Without overhead guard
2700	1900	0	3550	0	
3000	2085	0	3850	0	
3300	2195	0	4150	0	
3700	2395	0	4550	0	
4000	2545	0	4850	0	

CPD08A Duplex Mast					
Lift height h3 (mm)	Mast Lowered Height h1 (mm)	Free Lift h2(mm)	Mast Extended Height h4(mm)	Tilt Angle α/β (°)	Remark
2000	1510	0	2908	1/5	Without overhead guard
2300	1660	0	3208	1/5	
2500	1760	0	3408	1/5	
2700	1860	0	3608	1/5	
3000	2010	0	3908	1/5	
3300	2160	0	4208	1/5	
3500	2260	0	4408	1/5	
3700	2360	0	4608	1/5	
4000	2560	0	4908	1/5	

CPD12/15A Triple Mast with Free Lift					
Lift height h3 (mm)	Mast Lowered Height h1 (mm)	Free Lift h2(mm)	Mast Extended Height h4(mm)	Tilt Angle α/β (°)	Remark
3500	1710	870	4338	1/5	
3700	1810	970	4538	1/5	
4000	1910	1070	4838	1/5	
4300	2010	1170	5138	1/5	
4500	2060	1220	5338	1/5	
5000	2210	1370	5838	1/5	
5300	2310	1470	6138	1/5	
5500	2410	1570	6338	1/5	
6000	2610	1770	6838	1/5	

CPD08A/CPD12A/CPD15A COUNTERBALANCED TRUCK SPECIFICATION

1	Model		CPD08A	CPD12A	CPD15A
2	Load Capacity	kg	800	1200	1500
3	Load Center	c(mm)	500	500	500
4	Wheel Type		PU	PU	PU
5	Wheels number, front/rear (x=driven wheels)		2/1×-2	2/1×-2	2/1×-2
6	Thread,rear	mm	909	909	909
7	Lowered mast height	h1(mm)	2045	2010	2010
8	Max.lifting height	h3(mm)	3000	3000	3000
9	Extended mast height	h4(mm)	3850	3908	3908
10	Mast Tilt Angle	α/β(deg)	/	1°/5°	1°/5°
11	Height of overhead guard	h5(mm)	2085	2045	2045
12	Overall lengthMax.lifting height	l1(mm)	2109	2458	2568
13	Length (barring forks)	l2(mm)	1140	1499	1499
14	Overall widthFork length	B(mm)	1014	1014	1014
15	Fork dimensions	s/e/l(mm)	35/100/950	35/100/950	40/100/1070
16	Width over forks	b3/b4 (mm)	215-754	215-754	215-754
17	Aisle width for pallet 1000x1000	Ast(mm)	2340	2800	2800
18	Groud clearanceFork width	m1 (mm)	55	55	55
19	Turning radiusFork thickness	R(mm)	1110	1570	1570
20	Speed	Travel (Laden/unladen)	km/h	5/5	5/5
21		Lifting (Laden/unladen)	mm/s	130/200	95/120
22		Falling (Laden/unladen)	mm/s	160/140	120/85
23	Max. Traction	N	1600	1600	1800
24	Max.Gradeability (Laden/unladen)	%	5/7	5/8	5/8
25	Service Weight (include battery)	kg	1965	2205	2325
26	Service brake		Electromagnetic	Electromagnetic	Electromagnetic
27	Motor	Driven Motor	kw	1.5 AC	1.5 AC
28		Lift Motor	kw	2.2 AC	3 AC
29		Steering motor	kw	/	/
30	Battery	Voltage/noinal capacity	V/Ah	24/210	24/240
31		Weight	kg	210	240
32	Fork frame standard		ISO2328	ISO2328	ISO2328
33	Noise level operator's ear,according to DIN12053	dB (A)	≤70	≤70	≤70

