

3000-4000 lbs

Three-wheel Lithium Battery
Forklift Truck (Dual Drive)



CPD 15/16/18/20 S



Manufacturer and Technical Data

Characteristics						
1.01	Model		CPD15S	CPD16S	CPD18S	CPD20S
1.02	Rated capacity		3000	3200	3500	4000
1.03	Load center distance	lbs	24	24	24	24
1.04	Power mode	in	Lithium Battery			
1.05	Driving mode		Seated			
1.06	Load distance, center of drive axle to fork		14.4	14.4	14.4	14.6
1.07	Wheelbase	in	50.9	50.9	55.1	55.1
Weight						
2.01	Total weight (with/without battery)		6380/5764	6457/5841	7095/6480	7341/6724
Tyres						
3.01	Tyre type		SE	SE	SE	SE
3.02	Tyre size,front		18x7-8	18x7-8	200/50-10	200/50-10
3.03	Tyre size,rear		140/55-9	140/55-9	16X6-8	16X6-8
3.04	Wheels,number front/rear (x=driven wheels)		2x/2	2x/2	2x/2	2x/2
3.05	Tread, front		36.2	36.2	36.5	36.5
3.06	Tread, rear	in	7.8	7.8	9.8	9.8
Dimensions						
4.01	Height of overhead guard		80.3	80.3	80.3	80.3
4.02	Height of seat	in	41.2	41.2	41.9	41.9
4.03	Overall length (with/without fork)	in	112.2/76	112.2/76	116.9/80.9	116.9/80.9
4.04	Overall width	in	41.7/42.4	41.7/42.4	41.7/44.1	41.7/44.1
4.05	Ground clearance (laden,between mast)	in	3.5	3.5	3.5	3.5
4.06	Ground clearance (center of wheelbase)	in	3.9	3.9	3.9	3.9
4.07	Min. outside turning radius	in	60.8	60.8	65.9	65.9
Performance Data						
5.01	Travel speed (laden/unladen)		10/10.6	10/10.6	10/10	10/10
5.02	Lift speed (laden/unladen)	mph	88.6/127.9	88.6/127.9	80.7/118.1	78.7/118.1
5.03	Lowering speed (laden/unladen)	fpm	114.2/98.4	114.2/98.4	114.2/98.4	114.2/98.4
5.04	Max.gradeability (laden/unladen)	fpm	22/30	22/30	22/30	22/30
Battery						
6.01	Battery voltage/Capacity		80/202	80/202	80/202	80/202
Motor and controller						
7.01	Driving motor powering (S2-60min)		7.7x2	7.7x2	7.7x2	7.7x2
7.02	Lifting motor powering (S3-15%)		18.8	18.8	18.8	18.8
7.03	Driving motor controlling mode	HP	MOSFET/AC			
7.04	Lifting motor controlling mode		MOSFET/AC			
Addition data						
8.01	Service brake/Parking brake		Hydraulic/Hydraulic			

Note: For configuration number, 1: CURTIS Controller; 2: ZAPI Controller;

WIDE VIEW FULL FREE 3 (4) -STAGE MAST

Mast model	Max. lifting height (in)	Load capacity (load center 24") (lbs)				Mast overall height (fork to the ground) (in)	Free lifting height (with backrest) (in)	Service weight (lbs)				Mast tilting angle (°) α/β
		CPD15S	CPD16S	CPD18S	CPD20S			CPD15-20S	CPD16S	CPD18S	CPD20S	
ZSM360	142	3000	3200	3500	4000	70.5	30.7	6697	6774	7412	7753	3/5
ZSM400	157	3000	3200	3500	4000	75.8	36.1	6752	6829	7467	7808	3/5
ZSM435	171	3000	2860	3300	3630	80.3	40.6	6813	6890	7528	7869	3/5
ZSM450	177	2750	2860	3300	3630	82.3	42.6	6838	6915	7553	7894	3/5
ZSM470	185	2640	2750	3190	3410	85	45.3	6873	6950	7581	7922	3/5
ZSM480	189	2640	2750	3190	3410	86.2	46.5	6884	6961	7592	7933	3/5
ZSM500	197	2310	2530	3080	3300	90.1	50.4	6932	7009	7641	7982	3/3
ZSM540	213	1980	2200	2420	2750	95.5	55.7	7055	7132	7764	8105	3/3
ZSM600	236	1540	1760	1870	2090	103.9	64.2	7143	7220	7852	8193	3/3
ZSM650	256	1320	1540	1760	1870	111.4	71.7	7236	7313	7944	8285	3/3
ZFM560	220	1900	2100	2300	2500	79	37	7190	7410	7770	8200	3-5
ZFM611	241	1500	1700	1900	2100	83	42	7250	7470	7830	8270	3-5
ZFM650	256	1300	1500	1700	1900	88	46	7320	7540	7900	8340	3-5

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