

3-wheel Forklift



- As a result of ergonomically designed and located controls everything you need to see ,reach and grasp are precisely where the operator will expect them.
- The hood is assisted by gas struts to open up a full 90 degrees providing excellent access to all battery cells.
- Owing to loading handing motor and pump fixed in the box, it brings with low noise, excellent waterproofing, excellent dust proofing and easy service.
- Owing to electronic controller fixed in the box, it brings with low noise, excellent waterproofing, excellent dust proofing and easy service

1.3-2T Electric Three-wheel Forklift Specification

Item Manufacture			No		CPDS13J CPDS13JD1		CPDS15J CPDS15JD1		CPDS16J CPDS16JD1		CPDS18J CPDS18JD1		CPDS20J CPDS20JD1		
Specification	Model		1												
	Rated capacity		kg	2	1300		1500		1600		1800		2000		
	Load center		mm	3	500		500		500		500		500		
	Lifting height		mm	4	3000		3000		3000		3000		3000		
	Free lifting height		mm	5	150		150		150		150		150		
	Fork size	sxexl	mm	6	40 X100 X900		40 X100 X900		40 X100 X900		40 X100 X900		40 X100 X900		
	Tilting angle	FxB(a°/β°)	Deg	7	6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5		
Dimensions	Overall Dimensions	Lenght(to work face)	mm	8	1792		1792		1900		1900		2012		
		Width	mm	9	1060		1060		1060		1060		1060		
		Height when mast lowered	mm	10	1995		1995		1995		1995		2055		
		Height when mast lifting	mm	11	3945		3945		3945		3945		4005		
		Height to safeguard	mm	12	1960		1960		1960		1960		1960		
	Height seat		mm	13	930		930		930		930		930		
	Turning radius	Min.	mm	14	1440		1440		1550		1550		1658		
	Overhang		mm	15	355		355		355		355		355		
	Thread(Front/rear)		mm	16/17	902/175		902/175		902/175		902/175		915/175		
	Ground clearance	Min.	mm	18	90		90		90		90		90		
	Wheelbase		mm	19	1250		1358		1358		1358		1465		
Fork spread	Min./Max	mm	20	200/1000		200/1000		200/1000		200/1000		200/1000			
Working aisle width with pallet (Ast)	100 x1200 crossways 800x1200 lengthways	mm	21	3161		3161		3271		3271		3380			
Performance	Speed	Travel (laden)	mm	22	3260		3260		3370		3370		3480		
		Travel(unladen)	km/h	23	13 14		13 14		13 14		13 14		12 13		
		Lifting (laden)	km/h	24	13 14		13 14		13 14		13 14		12 13		
		Lifting (unladen)	mm/s	25	300		290		280		270		250		
	Gradeability	Laden	mm/s	26	450		440		440		430		400		
		Unladen	%	27	16 20		15 20		15 20		15 20		12 13		
	Service weight	Include battery box	kg	28	20 20		20 20		15 20		15 20		13 18		
		Tyre		29	2760		2950		3020		3080		3370		
	Driven	Motor	Driven motor x2	kw	31	15X4.5-8		15X4.5-8		15X4.5-8		15X4.5-8		15X4.5-8	
			Pump motor	kw	32	5.5X2.4.6X2		5.5X2.4.6X2		5.5X2.4.6X2		5.5X2.4.6X2		5.5X2.4.6X2	
Battery		Standard	V/AH	33	8.6		8.6		8.6		8.6		8.6		
		Optional	V/AH	34	48/400		48/400		48/400		48/400		48/600		
Controller		Type		35	48/480		48/480		48/480		48/480		48/600		
		Manufacture		36	MOSFET		MOSFET		MOSFET		MOSFET		MOSFET		
Operating pressure for allachment		Mpa	37	ZAPI Inmotion		ZAPI Inmotion		ZAPI Inmotion		ZAPI Inmotion		ZAPI Inmotion			
			38	14.5		14.5		14.5		14.5		14.5			

2860-4400Lbs Electric Three-wheel Forklift Specification

Item Manufacture			No		CPDS13J CPDS13JD1		CPDS15J CPDS15JD1		CPDS16J CPDS16JD1		CPDS18J CPDS18JD1		CPDS20J CPDS20JD1		
Specification	Model		1												
	Rated capacity		Lbs	2	2600		3000		3200		3600		4000		
	Load center		inch	3	24		24		24		24		24		
	Lifting height		inch	4	118		118		118		18		18		
	Free lifting height		inch	5	5.9		5.9		5.9		5.9		5.9		
	Fork size	sxexl	inch	6	1.57 x 3.94 x 35.4		1.57 x 3.94 x 35.4		1.57 x 3.94 x 35.4		1.57 x 3.94 x 35.4		1.57 x 3.94 x 35.4		
	Tilting angle	FxB(a°/β°)	Deg	7	6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5		
Dimensions	Overall Dimensions	Lenght(to work face)	inch	8	70.6		70.6		74.8		74.8		79.2		
		Width	inch	9	41.7		41.7		41.7		41.7		41.7		
		Height when mast lowered	inch	10	78.5		78.5		78.5		78.5		78.5		
		Height when mast lifting	inch	11	155.3		155.3		155.3		155.3		157.7		
		Height to safeguard	inch	12	77.2		77.2		77.2		77.2		77.2		
	Height seat		inch	13	36.6		36.6		36.6		36.6		36.6		
	Turning radius	Min.	inch	14	56.7		56.7		61		61		65.3		
	Overhang		inch	15	14		14		14		14		14		
	Thread(Front/rear)		inch	16/17	35.5/6.9		35.5/6.9		35.5/6.9		35.5/6.9		36/6.9		
	Ground clearance	Min.	inch	18	3.5		3.5		3.5		3.5		3.5		
	Wheelbase		inch	19	49.2		49.2		53.5		53.5		57.5		
Fork spread	Min./Max	inch	20	7.9/39.4		7.9/39.4		7.9/39.4		7.9/39.4		7.9/39.4			
Working aisle width with pallet (Ast)	100 x1200 crossways 800x1200 lengthways	inch	21	124.4		124.4		128.8		128.8		133.1			
Performance	Speed	Travel (laden)	inch	22	128.3		128.3		132.7		132.7		137		
		Travel (unladen)	mile/h	23	8.1 8.8		8.1 8.8		8.1 8.8		8.1 8.8		7.5 8.1		
		Lifting (laden)	mile/h	24	8.1 8.8		8.1 8.8		8.1 8.8		8.1 8.8		7.5 8.1		
		Lifting (unladen)	inch/s	25	11.8		11.8		11		10.6		9.8		
	Gradeability	Laden	inch/s	26	17.7		17.7		17.7		16.9		15.7		
		Unladen	%	27	16 20		15 20		15 20		15 20		12 15		
	Service weight	Include battery box	%	28	20 20		20 20		20 20		15 20		13 18		
		Tyre		29	6072		6490		6644		6776		7414		
	Motor	Driven motor x2		30	18X7-8		18X7-8		18X7-8		18X7-8		200/50-10		
		Pump motor	HP	31	15X4.5-8		15X4.5-8		15X4.5-8		15X4.5-8		15X4.5-8		
Driven	Battery	Standard	HP	32	7.4x2 6.2x2		7.4x2 6.2x2		7.4x2 6.2x2		7.4x2 6.2x2		7.4x2 6.2x2		
		Optional	HP	33	11.5		11.5		11.5		11.5		11.5		
	Controller	Type	V/AH	34	48/400		48/400		48/500		48/500		48/600		
		Manufacture		35	48/480		48/480		48/600		48/600		48/660		
	Operating pressure for allachment			36	MOSFET		MOSFET		MOSFET		MOSFET		MOSFET		
			Mpa	37	ZAPI Inmotion		ZAPI Inmotion		ZAPI Inmotion		ZAPI Inmotion		ZAPI Inmotion		
			38	14.5		14.5		14.5		14.5		14.5			

1.3/1.5/1.6/1.8/2.0T J series mast

Type	Model	Mask for height	Overall height			Free lift		Tilt range		Capacity					
			Lowered	Extended		With Backrest	Without backrest	FED	RED	Load capacity at 500 mm					
				With Backrest	Without backrest					1.3T	1.5T	1.6T	1.8T	2.0T	
Wide view mast	S16MX	2500	1745	3445	3065	145	145	6.5	6.5	1300	1500	1600	1600	1800	2000
		2700	845	3645	3265	145	145	6.5	6.5	1300	1500	1600	1600	1800	2000
		3000	1995	3945	3565	145	145	6.5	6.5	1300	1500	1600	1600	1800	2000
		3300	2145	4245	3865	145	145	6.5	6.5	1300	1500	1600	1600	1800	2000
		3500	2245	4445	4065	145	145	6.5	6.5	1300	1500	1600	1600	1800	2000
		3600	2295	4545	4165	145	145	6.5	6.5	1300	1500	1600	1600	1800	2000
		4000	2545	4945	4565	145	145	3.5	5	1300	1500	1600	1600	1800	2000
		4300	2710	5245	4865	145	145	3.5	5	1200	1400	1500	1700	1900	
		4500	2820	5445	5065	145	145	3.5	5	1100	1300	1400	1600	1800	
		Wide view full free 3 stage mast	S16NX	4300	2010	5245	4905	1100	1145	3.5	5	1200	1400	1500	1700
4500	2075			5445	5105	1170	1480	3.5	5	1100	1300	1400	1600	1800	
4800	2175			5745	5405	1270	1580	3.5	5	1000	1200	1300	1500	1550	
5000	2240			5945	5605	1340	1645	3.5	5	950	1150	1250	1450	1550	
5500	2410			6445	6105	1500	1815	3.5	5	850	1050	1150	1200	1300	
6000	2625			6945	6625	1670	2010	3.5	5	750	950	1050	1100	1200	

2860/3300/3500/4000/4400Lbs J series mast

Type	Model	Mask for height	Overall height			Free lift		Tilt range		Capacity				
			Lowered	Extended		With Backrest	Without backrest	FED	RED	Load capacity at 500 mm				
				With Backrest	Without backrest					2600lbs	3000lbs	3200lbs	3600lbs	4000lbs
Wide view mast	S16MX	98	135.6	120.7	5.7	5.7	145	6.5	6.5	2600	3000	3200	3600	4000
		106	143.5	128.5	5.7	5.7	145	6.5	6.5	2600	3000	3200	3600	4000
		118	155.3	140.4	5.7	5.7	145	6.5	6.5	2600	3000	3200	3600	4000
		130	167.1	152.2	5.7	5.7	145	6.5	6.5	2600	3000	3200	3600	4000
		138	175	160	5.7	5.7	145	6.5	6.5	2600	3000	3200	3600	4000
		142	178.9	164	5.7	5.7	145	6.5	6.5	2600	3000	3200	3600	4000