



4-Wheel Pneumatic Forklift 10,000lbs CPD50F8



- Heavy duty lithium powered pneumatic series designed for rugged outdoor applications
- Designed with superior ergonomics in legroom, steering column adjustability, and seat comfort
- 80V system using EP Energy's 560Ah lithium battery and a powerful AC Drive Motor
- On-Board integral charger allows charging from any standard outlet
- External chargers up to 155A for heavy duty charge/runtime ratios

Manufacturer				EP
Model designation				CPD50F8
Drive				Electric
Base capacity	Q	lb.	10000	
Load center distance	c	in.	24	
Service weight		lb.	16027	
Collapsed Height	h1	in.	87.79	
Maximum fork height	h3	in.	118.11	
Height, mast extended with Std. LBR	h4	in.	164.37	
Length to face of forks	l2	in.	162.48	
Overall width	b1/b2	in.	61.02	
Fork dimensions	s/e/l	in.	2.16x5.9x42.12	
Turning radius	Wa	in.	107.67	
Travel speed, loaded/unloaded		mph	9.9/10.5	
Lifting speed, loaded/unloaded		fpm	53/90.55	
Lowering speed, loaded/unloaded		fpm	83.58/100.39	
Max. gradeability, loaded/unloaded		%	14/15	
Drive motor rating S2 60 min		kW	16.6	
Battery voltage/nominal capacity		V/Ah	80V/560Ah	

▣ FEATURES

■ Excellent outdoor capabilities

IPX4 rated components and solid pneumatic tires on a compact chassis fits a wide variety of outdoor applications and yet nimble enough for indoor applications.



■ 80v system and EP Energy Battery

Lithium technology has proven itself as an emission and maintenance free alternative to internal combustion. The platform features an 80V system with capacities up to 560Ah and a wide range of on-board and external chargers up to 155A.



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Distinguishing mark	1.1	Manufacturer				EP
	1.2	Model designation				CPD50F8
	1.3	Drive				Electric
	1.4	Operator type				Seated
	1.5	Base capacity	Q	lb.		10000
	1.6	Load center distance	c	in.		24
	1.8	Load distance, center of drive axle to fork	x	in.		21.6
	1.9	Wheelbase	y	in.		78.7
	Service weight	2.1	Service weight		lb.	
2.2		Axle loading, loaded front/rear		lb.		23690/2358
2.3		Axle loading, unloaded front/rear		lb.		7826/8201
Tires/chassis	3.1	Tire type				Solidrubber
	3.2	Tire size, front				28X12.5-15
	3.3	Tire size, rear				23X10-12
	3.5	Wheels, number front/rear (x=drive wheels)		in.		2x2
	3.6	Tread width, front	b ₁₀	in.		49.68
	3.7	Tread width, rear	b ₁₁	in.		42.71
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°		6/10
	4.2	Collapsed Height	h ₁	in.		91
	4.3	Free lift	h ₂	in.		44.5
	4.4	Maximum fork height	h ₃	in.		118.11
	4.5	Height, mast extended with Std. LBR	h ₄	in.		164.37
	4.7	Height of overhead guard (cabin)	h ₆	in.		92.63
	4.8	Seat height/standing height	h ₇	in.		47.55
	4.12	Tow coupling height	h ₁₀	in.		14.76
	4.19	Overall length	l ₁	in.		168.5
	4.20	Length to face of forks	l ₂	in.		120.4
	4.21	Overall width	b ₁ /b ₂	in.		61.02
	4.22	Fork dimensions	s×e×l	in.		2.16x5.9x42.12
	4.23	A,B Fork carriage class/type A, B				3A
	4.24	Fork carriage width	b ₃	in.		49.21
	4.31	Ground clearance, loaded, below mast	m ₁	in.		5.11
	4.32	Ground clearance, center of wheelbase	m ₂	in.		5.51
	4.34.1	Right Angle Stack (x +wa)	Ast	in.		130.6
	4.34.2	Minimum Aisle Width (Right Angle Stack + Load Length + Clearance)	Ast	in.		190.6
4.35	Turning radius	Wa	in.		109	
Performance data	5.1	Travel speed, loaded/unloaded		mph		8.7/9.0
	5.2	Lifting speed, loaded/unloaded		fpm		51/88.5
	5.3	Lowering speed, loaded/unloaded		fpm		100/84
	5.8	Max. gradeability, loaded/unloaded		%		14/15
	5.10	Service brake				Hydraulic
	5.11	Parking brake				Mechanical
Electric-engine	6.1	Drive motor rating S2 60 min		HP		16.6
	6.2	Lift motor rating at S3 15%		HP		25.4
	6.4	Battery voltage/nominal capacity		V/Ah		80V560Ah
	6.5	Battery weight		lb.		892
Additional data	8.1	Type of drive control				AC
	10.5	Steering design				Hydraulic
	10.7	Sound pressure level at the driver's ear			dB(A)	< 74

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

