

Specifications

Characteristics			EPC5000		EP5000		EP6000		EP7000		EP8000		EP9000		EP10000					
1	Capacity	at rated load center	lb	kg	4,928	2,500	4,928	2,500	5,917	3,000	6,940	3,500	7,955	4,000	8,950	4,500	9,924	5,000		
2		at load center – distance	in	mm	24	500	24	500	24	500	24	500	24	500	24	500	24	500		
3	Power	diesel, gasoline, LP gas, electric			electric		electric		electric		electric		electric		electric		electric			
4	Tire type	cushion, solid pneumatic			solid pneumatic		solid pneumatic		solid pneumatic		solid pneumatic		solid pneumatic		solid pneumatic		solid pneumatic			
5	Wheels (x = driven)	number front / rear			2x / 2		2x / 2		2x / 2		2x / 2		2x / 2		2x / 2		2x / 2			
Dimensions			EPC5000		EP5000		EP6000		EP7000		EP8000		EP9000		EP10000					
11	Lift with standard two-stage mast	maximum fork height	in	mm	122	3,100	122	3,100	122	3,100	122	3,100	118	3,000	118	3,000	118	3,000		
12		free fork height	in	mm	5.9	150	5.9	150	5.9	150	5.9	150	5.9	150	5.9	150	5.9	150		
13	Forks	thickness x length x width	in	mm	1.6 x 4.7 x 43	40 x 120 x 1150	1.6 x 4.7 x 43	40 x 120 x 1150	1.6 x 4.9 x 43	45 x 125 x 1150	1.8 x 4.9 x 45.3	45 x 125 x 1150	2 x 4.9 x 45.3	50 x 125 x 1150	2 x 5.9 x 45.3	50 x 150 x 1150	2 x 5.9 x 45.3	50 x 150 x 1150		
	Fork spacing	out-to-out minimum / maximum	in	mm	13.25 / 40.25	335.28 / 1,022.35	13.25 / 40.25	335.28 / 1,022.35	13.75 / 40.5	349.25 / 1,028.7	13.75 / 40.5	349.25 / 1,028.7	13.75 / 40.5	349.25 / 1,028.7	15.75 / 40.5	400.05 / 1,028.7	16.5 / 44.5	419.1 / 1,130.3		
14	Tilt	forward / backward	deg		6 / 8		6 / 8		6 / 8		6 / 8		6 / 8		6 / 8		6 / 8			
15	Overall dimensions	length to fork face	in	mm	89.7	2278	95.4	2422	95.6	2427	105.7	2685	111.4	2830	111.4	2830	111.4	2830		
16		width	standard	in	mm	47.1	1196	47.1	1196	47.1	1196	52.8	1340	52.8	1340	52.8	1340	57.1	1450	
			w/ wide stance drive wheels	in	mm	50.2	1275	50.2	1275	50.2	1275	50.2	1275	50.2	1275	50.2	1275	50.2	1275	
17		height	with lowered mast	in	mm	87.2	2215	87.2	2215	87.2	2215	87.2	2215	94.7	2405	94.7	2405	94.7	2405	
18			seat height to SIP	in	mm	41.7	1060	41.7	1060	41.7	1060	45.9	1165	45.9	1165	45.9	1165	45.9	1165	
19			to top of overhead guard	in	mm	87.2	2215	87.2	2215	87.2	2215	91.3	2320	91.3	2320	91.3	2320	91.3	2320	
20		with extended mast	in	mm	170	4320	170	4320	170	4320	170	4320	166	4220	166	4220	166	4220		
21	Minimum outside turning radius		in	mm	80.7	2050	86.6	2200	86.6	2200	90.6	2300	96.5	2450	96.5	2450	96.5	2450		
22	Load moment constant		in	mm	16.7	425	16.7	425	16.9	430	18.9	480	20.1	510	20.1	510	20.1	510		
23	Minimum aisle - 90° stack – zero clearance w/o load		in	mm	97.4	2475	103.3	2625	103.5	2630	109.5	2780	116.6	2960	116.6	2960	116.6	2960		
Performance			EPC5000		EP5000		EP6000		EP7000		EP8000		EP9000		EP10000					
24	Speeds	travel speed	loaded	mph	km/h	10.6	17	10.6	17	12.4	20	9.9	16	9.3	15	9.3	15			
			empty	mph	km/h	11.2	18	10.6	17	12.4	20	10.6	17	10.3	16.5	9.9	16			
lift speed		loaded	fpm	m/s	86.6	0.44	86.6	0.44	98.4	0.50	78.4	0.38	68.9	0.35	65.0	0.33	61.0	.031		
		empty	fpm	m/s	106.3	0.54	106.3	0.54	118.1	0.60	98.4	0.50	92.5	0.47	88.6	0.45	88.6	0.45		
26	lowering speed	loaded	fpm	m/s	114.2	0.58	114.2	0.58	114.2	0.58	114.2	0.58	108.3	0.55	108.3	0.55	108.3	0.55		
		empty	fpm	m/s	110.2	0.56	110.2	0.56	110.2	0.56	108.3	0.55	98.4	0.50	98.4	0.50	98.4	0.50		
28	Gradeability	maximum gradeability	loaded	%	18		21		18		15.5		14		12.5		12			
		empty	%	29		35		29		25		23.5		21.5		21.0				
Weight			EPC5000		EP5000		EP6000		EP7000		EP8000		EP9000		EP10000					
29	Empty	w/ minimum weight battery	lb	kg	9,969	4,522	10,267	4,657	11,039	5,007	12,582	5,707	14,321	6,496	15,092	6,846	15,864	7,196		
30	Axle load	with rated load	front	lb	kg	13,218	6,230	13,414	6,318	15,177	7,167	17,528	8,267	20,385	9,605	21,837	10,305	23,482	11,105	
			rear	lb	kg	1,679	791	1,781	839	1,779	840	1,994	940	1,891	891	2,205	1,040	2,306	1,091	
		without load	front	lb	kg	4,985	2,261	5,492	2,491	5,627	2,553	6,508	2,952	8,029	3,642	8,035	3,644	8,040	3,647	
			rear	lb	kg	4,985	2,261	4,775	2,166	5,412	2,455	6,074	2,755	6,292	2,854	7,057	3,201	7,824	3,549	
Chassis			EPC5000		EP5000		EP6000		EP7000		EP8000		EP9000		EP10000					
31	Tire size	front, standard solid pneumatic tires	in		23 x 9 -10		23 x 9 - 10		23 x 10 - 12		250 -15		250 - 15		250 - 15					
		rear solid pneumatic tires	in		18 x 7 - 8		18 x 7 - 8		18 x 7 - 8		21 x 8 - 9		21 x 8 - 9		21 x 8 - 9					
32	Wheelbase		in	mm	60.5	1,537	66.2	1,681	66.2	1,681	73.0	1,855	78.7	2,000	78.7	2,000	78.7	2,000		
33	Tread width	front, standard solid pneumatic tires	in		39.0		990		37.6		956		44.1		1,120		44.1		1,120	
		rear solid pneumatic tires	in		36.2		920		36.2		920		37.4		950		37.4		950	
35	Ground clearance	at lowest point at mast	in		4.3		110.0		4.3		110.0		4.7		120.0		4.7		120.0	
		at center of wheelbase	in		4.9		125.0		4.9		125.0		6.3		160.0		6.3		160.0	
37	Brakes	service	type		hydraulic		hydraulic		hydraulic		hydraulic		hydraulic		hydraulic		hydraulic			
		parking	type		hydraulic		hydraulic		hydraulic		hydraulic		hydraulic		hydraulic		hydraulic			
Powertrain			EPC5000		EP5000		EP6000		EP7000		EP8000		EP9000		EP10000					
39		type DIMENSIONS (length x width x height)			30.87 x 40.47 x 27.99		30.87 x 40.47 x 27.99		30.87 x 40.47 x 33.66		40.5 x 33.7 x 30.9		40.5 x 39.3 x 30.9		40.5 x 39.3 x 30.9					
41	Battery	maximum capacity at 6 hr. discharge rate	Ah	kWh	700	54.4	700	54.4	700	54.4	700	54.4	840	65.2	840	65.2	840	65.2		
42		weight, minimum	lb	kg	3,299	1,497	3,948	1,791	3,948	1,791	3,902	1,770	4,562	2,069	4,562	2,069	4,562	2,069		
43	Motors	traction output (60 min. rating) x 2	HP	kW	14.8	11.0	19.4	14.5	19.4	14.5	24.1	18.0	24.1	18.0	24.1	18.0	24.1	18.0		
		lift output (15% rating)	HP	kW	21.5	16.0	31.5	23.5	31.5	23.5	31.5	23.5	31.5	23.5	31.5	23.5	31.5	23.5		
45	Controls	drive	type		impulse / AC		impulse / AC		impulse / AC		AC		AC		AC		AC			
		hydraulic	type		AC		AC		AC		AC		AC		AC		AC			
47	Relief pressure	for attachments at auxiliary	psi	bar	2900	200	2900	200	2900	200	2900	200	2900	200	2900	200	2900	200		
48	Noise level	mean value at operator's ear	dB(A)		70		71		71		75		75		75		75			

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Caterpillar Forklift America Inc. ("MCFA"). (See ANSI/ITSDF B56.1.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your forklift truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

rinfo@ringpower.com | liftrucks.ringpower.com

