

5t-8t High-Voltage Lithium-ion Battery Counterbalance Forklift (Technical Parameters)

Characteristic						
1	Model			50P2H	60P2H	70P2H
2	Power Type			Electric	Electric	Electric
3	Driving Type			Seated	Seated	Seated
4	Rated Capacity		kg	5000	6000	7000
5	Load Centre	LC1	mm	600	600	600
Weight						
6	Service Weight		kg	8700	9300	10030
Tyre & Chassis						
7	Tire Type			Air tires	Air tires	Air tires
8	Wheel number X=Drive wheel(front/rear)			4X/2	4X/2	4X/2
9	Front Tires			8.25-15-14PR	8.25-15-14PR	8.25-15-14PR
10	Rear Tires			250-15-16PR	250-15-16PR	250-15-16PR
11	Front Tread	T1	mm	1470	1470	1470
12	Rear Tread	T2	mm	1700	1700	1700
13	Wheelbase	L3	mm	2300	2300	2300
Dimension						
14	Lift Height	H1	mm	3000	3000	3000
15	Fork Size	L×W×T	mm	1220×150×60	1220×150×60	1220×150×70
16	Mast Tilt Angle(F/R)	α/β	°	6/12	6/12	6/12
17	Mast Lowered Height	H2	mm	2500	2500	2500
18	Mast Extended Height	H3	mm	4415	4415	4415
19	Fork adjust distance	R	mm	300~1840	300~1840	300~1840
20	Length to face of fork	L2	mm	3455	3455	3570
21	Overall width	W1	mm	2040	2040	2040
22	Overall Guard Height	H4	mm	2415	2415	2415
23	Distance from roof to seat	h6	mm	1020	1020	1020
24	Front overhang	L4	mm	590	590	595
25	Rear overhang	L5	mm	565	565	675
26	Turning radius(outside)	Wa	mm	3255	3255	3340
27	Ground Clearance(Bottom of mast)	m1	mm	200	200	200
Performance						
28	Max. Travel speed(Full load/No load)		km/h	20/25	20/25	19/23
29	Lifting speed(Full load/No load)		mm/s	400/420	400/420	380/420
30	Lowering speed(Full load/No load)		mm/s	≤600/≥300	≤600/≥300	≤600/≥300
31	Max. Gradeability(Full load)		%	20/25	20/25	20/25
Electrical						
33	Battery Type			Lithium iron phosphate	Lithium iron phosphate	Lithium iron phosphate
34	Battery Voltage/Capacity		V/Ah	376/228	376/228	376/228
35	Battery Rated storage		Kwh	85.9	85.9	85.9
36	Drive Motor		Kw	60	60	60
37	Lift Motor		Kw	2*15	2*15	2*15
38	Controller Manufacturer			Evsystem	Evsystem	Evsystem