

PF-A series 2.0-3.8t

锂电平衡重式叉车
Lithium-ion Electric counterbalance Forklifts



智能操控 Smart Control

彩色信息显示屏、轻便小方向盘与可调转向柱，操作省力。
Color info display, compact steering wheel, and adjustable steering column for effortless operation.



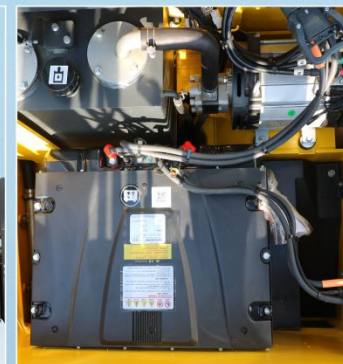
灵活安全 Agile & Safe

紧凑车身、大转向角，窄通道作业自如；IPX4防护与液压锁系统保障安全。
Compact design with a large steering angle for narrow aisles; IPX4 rating and hydraulic lock system ensure safety.



强劲适应 Robust Adaptation

高离地间隙与宽大轮胎，轻松应对不平坦地形。
High ground clearance and wide tires for stability on uneven surfaces.



经济耐用 Economical & Durable

标配免维护锂电，有效降低综合使用成本。
Standard maintenance-free lithium battery reduces overall operating costs.

集强劲动力、灵活机动与卓越舒适性于一身，为您提供高效的室内外搬运解决方案。

Combining powerful performance, agile maneuverability, and superior comfort to provide an efficient indoor and outdoor handling solution.

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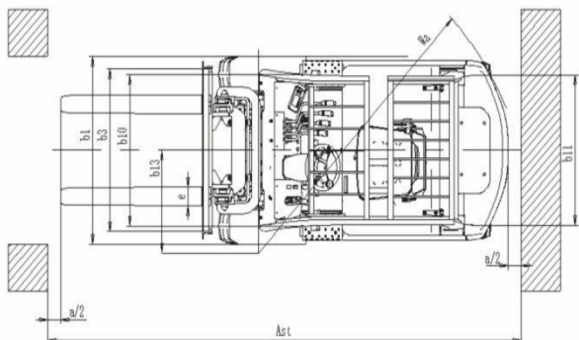
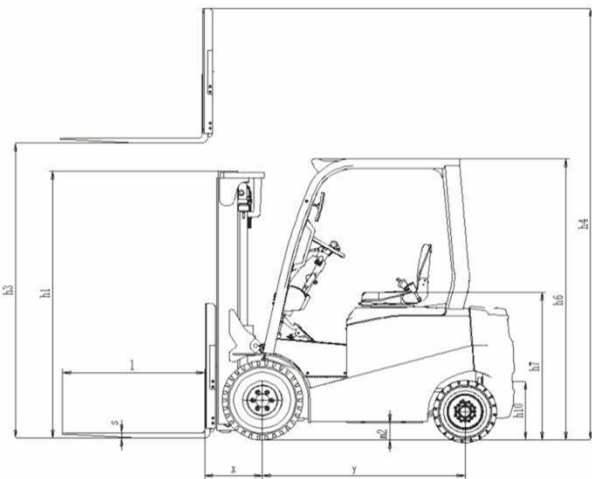
2.0-3.8t Li-ION PF-A 系列锂电平衡重式叉车 Series Lithium-ion Electric counterbalance Forklifts

FLAG



PF-A20/25/30/35/38

型 号 Model		单位 unit	PF-A 20	PF-A 25	PF-A 30	PF-A 35	PF-A 38	
特征 Identification								
1.01	驱动型式	Drive		电动(Electric)				
1.02	操作型式	Operator type		座驾(Seated)				
1.03	额定荷载能力	Load capacity/rated load	kg	2000	2500	3000	3500	3800
1.04	载荷中心距	Load centre	mm	500	500	500	500	500
1.05	前悬距	Load distance, centre of support arm wheel to face of fork	mm	435	435	485	485	487
1.06	轴距	Wheelbase	mm	1525	1525	1700	1700	1700
重量 Weight								
2.01	自重 (含电池)	Service weight including battery	kg	3900	4200	5000	5300	5600
2.02	前/后轴荷, 满载	Axle load, mast extended with load, drive/support arm wheel	kg	5190/710	5810/790	6930/970	7750/1050	8450/950
2.03	前/后轴荷, 空载	Axle load, mast retracted without load, drive/support arm wheel	kg	1755/2145	1845/2355	2100/2900	2200/3100	2550/3050
轮胎/底盘 Tires/Chassis								
3.01	轮胎类型	Tyre		充气胎(Pneumatic)			实心胎 (Superelastic)	
3.02	前轮规格	Wheel size, front		23x9-10	23x9-10	28x9-15	28x9-15	250-15
3.03	后轮规格	Wheel size, rear		18x7-8	18x7-8	18x7-8	18x7-8	200/50-10
3.04	前/后轮数量 (x=驱动轮)	Wheels, number front/rear (x = driven wheels)		2X/2	2X/2	2X/2	2X/2	2X/2
3.05	前轮轴距	Track width, front	mm	968	968	1006	1006	1025
3.06	后轮轴距	Track width, rear	mm	956	956	956	956	960
基本尺寸 Dimensions								
4.01	门架或货叉架倾斜仰角, 前/后	Tilt of fork, forward/backward	°	6/10	6/10	6/10	6/10	6/10
4.02	门架回缩高度	Height, mast lowered	mm	2030	2030	2100	2100	2200
4.03	自由起升高度	Free lift	mm	150	150	150	150	150
4.04	起升高度	Lift height	mm	3000	3000	3000	3000	3000
4.05	门架展开高度 (带挡货架)	Height, mast extended	mm	4050	4050	4200	4200	4225
4.06	护顶架高度	Height of overhead guard (cabin)	mm	2140	2140	2250	2250	2250
4.07	座位/站台离地高度	Seat height	mm	1140	1140	1250	1250	1250
4.08	牵引臂高度	Height support arms	mm	440	440	455	455	455
4.09	总体长度	Overall length	mm	3400	3400	3690	3690	
4.10	车体长度 (不含货叉)	Length to face of forks	mm	2330	2330	2620	2620	2620
4.11	总体宽度	Overall width	mm	1200	1200	1250	1250	1260
4.12	货叉尺寸	Fork dimensions	mm	40/120/1070	40/125/1070	50/125/1070	50/125/1070	50/125/1070
4.13	货叉架类型 (ISO 2328, A/B)	Fork carriage ISO 2328, class/type A, B		2A	2A	3A	3A	3A
4.14	挡货架宽度 (内宽)	Fork carriage width	mm	1040	1040	1100	1100	1100
4.15	门架下方离地间隙, 无载	Ground clearance, with load, below mast	mm	90	90	115	115	145
4.16	轴距中心离地间隙	Ground clearance, center of wheelbase	mm	120	120	150	150	
4.17	工作通道宽度(1000×1200托盘, 1200磅货叉放置)	Aisle width for pallets 1000x1200 crossways	mm	3934	3934	4135	4135	3935



型 号 Model		单位 unit	PF-A 20	PF-A 25	PF-A 30	PF-A 35	PF-A 38	
4.18	工作通道宽度(800×1200托盘，1200/沿货叉放置)	Aisle width for pallets 800x1200 lengthways	mm	3734	3734	3935	3935	4135
4.19	转弯半径	Turning radius	mm	2100	2100	2380	2380	2380
性能 Performance data								
5.01	行驶速度，满载/空载	Travel speed, with/without load	km/h	14/16	14/16	13/15	13/15	13/15
5.02	起升速度，满载/空载	Lift speed, with/without load	m/s	0.35/0.45	0.35/0.45	0.35/0.5	0.35/0.5	0.3/0.4
5.03	下降速度，满载/空载	Lowering speed, with/without load	m/s	0.4/0.45	0.4/0.45	0.4/0.45	0.4/0.45	0.42/0.44
5.04	牵引力（60min），满载/空载	Tractive force, with/without load	N	14000	14000	14000	14000	14000
5.05	爬坡能力，满载/空载	Max. gradeability, with/without load	%	15/17	15/17	15/17	15/17	15/17
5.06	加速时间，满载/空载	Acceleration time with/without load	s	6.5/6	6.6/6.1	6.7/6.2	6.8/6.3	6.9/6.4
5.07	行车制动类型	Service brake		机械/电动(Mechanical/Electric)				
电机 Electric motor								
6.01	驱动电机额定功率S2 60min	Drive motor rating S2 60 min	kW	15	15	15	15	15
6.02	起升电机额定功率S3 15%	Lift motor rating S3 15%	kW	22.6	22.6	22.6	22.6	22.6
6.03	电池类型（DIN 43531/35/36，A/B/C/no）	Battery Type (DIN 43531/35/36, A/B/C/no)		no	no	no	no	no
6.04	电池电压/标称容量Ks	Battery voltage, nominal capacity Ks	V/Ah	80/205	80/205	80/280	80/280	80/280
6.05	电池重量	Battery weight	kg	1000~1100	1000~1100	1350~1500	1350~1500	≥180±5%
其他 Other								
7.01	属具工作压力	Operating pressure for attachments	bar	160	160	180	180	180
7.02	属具油量	oil volume for attachments	l/min	35	35	38	38	38
7.03	驾驶员耳边噪音水平(EN 12053)	Sound level at the driver's ear according to EN 12053	dB(A)	≤75	≤75	≤75	≤75	≤75

起升高 LIFT HEIGHT(mm)

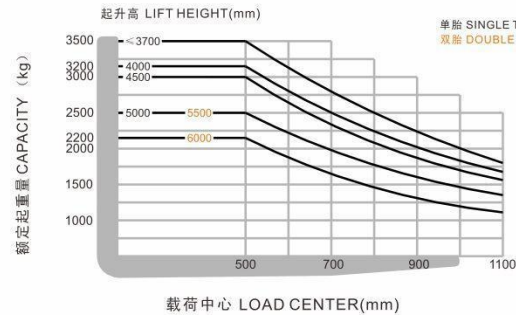
容量 CAPACITY (kg)

載荷中心 LOAD CENTER(mm)

單面 SINGLE
雙面 DOUBLE

起升高 (mm)	載荷中心 (mm)	單面容量 (kg)	雙面容量 (kg)
<4000	500	3000	3000
4500	500	2700	2700
5000	500	2500	2500
6000	500	2000	2000
<4000	700	2500	2500
4500	700	2200	2200
5000	700	2000	2000
6000	700	1600	1600
<4000	900	2000	2000
4500	900	1800	1800
5000	900	1600	1600
6000	900	1300	1300
<4000	1100	1800	1800
4500	1100	1600	1600
5000	1100	1400	1400
6000	1100	1100	1100

注: 竖轴表示承载量,横轴表示载荷中心。载荷中心是从货叉正面算起,标准载荷的基点是指负荷边长为1000毫米的立方体中心位置。当门架前倾、使用非标准货叉或装载超过正常宽度的货物时,将会使承载量减少。通过负荷曲线图,能及时地了解标准门架在各种载荷中心时的承载能力。



Note:

The vertical axis represents the load capacity, and the horizontal axis represents the load center. The center of load is calculated from the front of the fork, and the base point of the standard load refers to the center position of the cube with a load side length of 1000 mm. When the mast is tilted forward, non-standard forks are used, or loads that exceed the normal width are loaded, the load capacity will be reduced. Through the load curve diagram, the bearing capacity of the standard mast at various load centers can be understood in a timely manner.

车型 Models	标准容量 (Ah) Standard capacity (Ah)	选配电池容量 (Ah) Optional battery capacity(Ah)	综合可提供时长 (h) Combined Duration (h)
PF-A 20/25/30	150	150, 175, 205, 230, 280, 410, 460	3~6
PF-A 30/35	150	150, 175, 205, 230, 280, 410, 460	3~5
PF-A38	150	150, 175, 205, 230, 280, 410, 460	3~4.5

80V锂电池充电机 80V lithium battery charger				
充电机型号 Charger model	80V/65A	80V/100A	80V/150A	80V/200A
充电机功率(kVA) Charger power (kVA)	6.5	10	15	20
输入电压(V) Input Voltage (V)	380V±15%			
接线方式 Wiring	三相四线 Three-phase four-wire			
充电机接插件 Charger connector	REMA320A公头			
输出电流(A) Output Current(A)	65	100	150	200
充电机尺寸(长/宽/高)(mm) Charger size (L/W/H) (mm)	522/260/442		520/281/502	
充电时间 Charging time	约等于(电池容量×0.9)÷输出电流 Approximately equal to (battery capacity×0.9) ÷ output current			

门架类型 Type of mast	门架型号 Mast model	起升高度 (mm) Lifting height (mm)	承载能力 (kg) Load capacity(kg)			落地高度 (mm) Landing height(mm)		自由起升高度（带挡货架） (mm) Free lifting height(with rack stopper) (mm)		门架倾斜角 $\alpha/\beta(^{\circ})$ Mast inclination $\alpha/\beta(^{\circ})$	
			3t	3.5t	3.8t	3-3.5t	3.8t	3-3.5t	3.8t	3-3.5t	3.8t
宽视野标准门架 Wide View Standard Mast	M200	2000	3000	3500	3800	1550	1700	150	100	6/10	6/10
	M250	2500	3000	3500	3800	1800	1950	150	100	6/10	6/10
	M300	3000	3000	3500	3800	2050	2200	150	100	6/10	6/10
	M330	3300	3000	3500	3800	2200	2350	150	100	6/10	6/10
	M350	3500	3000	3500	3800	2300	2450	150	100	6/10	6/10
	M400	4000	3000	3500	3800	2600	2750	150	100	6/6	6/6
	M450	4500	2800	2900	3100	2850	3000	150	100	6/6	6/6
	M500	5000	2500	2600	2900	3100	3250	150	100	6/6	6/6
	M550	5500	2000	2100	2400	3400	3550	150	100	3/6	3/6
宽视野二级 全自由门架 Wide View Full Free 2- Stage Mast	M600	6000	1800	1900	2000	3650	3800	150	100	3/6	3/6
	Z250	2500	3000	3500	—	1870	—	680	—	6/10	—
	Z300	3000	3000	3500	—	2120	—	930	—	6/10	—
	Z330	3300	3000	3500	—	2270	—	1080	—	6/10	—
	Z350	3500	3000	3500	—	2370	—	1180	—	6/10	—
	Z400	4000	3000	3500	—	2670	—	1480	—	6/6	—
宽视野三级 全自由门架 Wide View Full Free 3- Stage Mast	Z450	4500	2800	2900	—	2920	—	1730	—	6/6	—
	S400	4000	2800	3500	—	1975	—	785	—	6/10	—
	S450	4500	2500	2900	—	2140	—	950	—	6/10	—
	S480	4800	2250	2800	—	2240	—	1050	—	6/10	—
	S500	5000	1950	2600	—	2310	—	1120	—	6/10	—
	S550	5500	1550	2100	—	2525	—	1335	—	6/6	—
	S600	6000	1200	1700	—	2690	—	1500	—	6/6	—

