

PF-D series 2.0-3.8t

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

- 整机性能媲美内燃车, 满足不同工作场景。

- The overall performance is comparable to that of internal combustion forklift and meets various operational conditions.



- 永磁同步方案, 电池、电机、电控深度匹配, 降低能耗, 提升工作效率。

- Permanent magnet synchronous motor, battery, motor, electronic control depth matching, reduce energy consumption, improve work efficiency.

- 锂电池、充电机多种规格可选, 满足不同用户需求。

- Lithium batteries and chargers are available in a variety of specifications to meet the needs of different users.

更高效
More Efficient



- 电动液压升降控制, 更加精准的操控让驾驶员更舒心。
- Electro-hydraulic lift control, more accurate control makes the driver more comfortable.

- 宽敞的腿部空间, 减震座椅提升驾驶舒适性。
- Generous legroom and shock-absorbing seats for enhanced driving comfort.

- 全封闭仪表台 (ABS), 美观简洁, 操作更舒适。

- Fully enclosed instrument panel (ABS), beautiful and concise, more comfortable operation.

更舒适
More Comfortable

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

FLAG

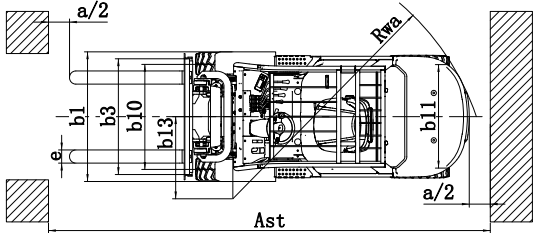
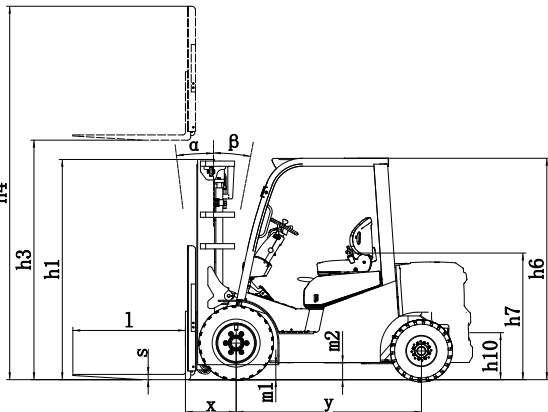


PF20D/25D/30D/35D/38D

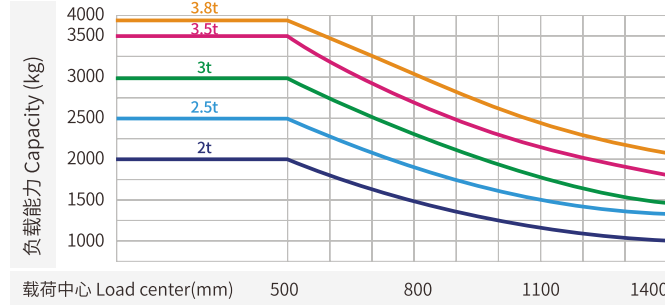
PF-D series 2.0-3.8t

技术参数 Technical parameters

型 号 Model		单位 unit	PF20D	PF25D	PF30D	PF35D	PF38D
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 额定承载能力	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	Front overhang	mm	460	460	485	485	493
1.06 轴距	Wheelbase	mm	1660	1660	1760	1760	1800
重量 Weight							
2.01 自重 (含电池)	Service weight including battery	kg	3500	3800	4200	4500	4800
2.02 前/后轴荷, 满载	Front/rear axle load, fully loaded	kg	4810/690	5510/790	6300/900	7000/1000	7480/1120
2.03 前/后轴荷, 空载	Front/rear axle load, unloaded	kg	1640/1860	1540/2260	1850/2350	2000/2500	2150/2650
轮胎/底盘 Tires/Chassis							
3.01 轮胎类型	Tire type		充气胎 Pneumatic				
3.02 前轮规格	Wheel size, front		7.00/12-12PR	7.00/12-12PR	28x9-15-14PR	28x9-15-14PR	2.50-15-14PR
3.03 后轮规格	Wheel size, rear		6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
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 前轮轮距	Track width, front	mm	975	975	1000	1000	1000
3.06 后轮轮距	Track width, rear	mm	970	970	970	970	970
基本尺寸 Dimensions							
4.01 门架或货叉架倾斜角, 前/后	Tilt of fork, forward/backward	°	6/12	6/12	6/10	6/10	6/10
4.02 门架回缩高度	Height, mast lowered	mm	2055	2055	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	2080	2080	2100	2100	2100
4.07 座位SIP/站台离地高度	Seat height	mm	1165	1165	1165	1165	1180
4.08 牵引销高度	Height support arms	mm	435	435	455	455	455
4.09 总体长度	Overall length	mm	3730	3730	3810	3810	3830
4.10 车体长度 (无货叉)	Length to face of forks	mm	2660	2660	2740	2740	2760
4.11 总体宽度	Overall width	mm	1160	1160	1230	1230	1310
4.12 货叉尺寸	Fork dimensions	mm	40/122/920	40/122/1070	45/122/1070	50/122/1070	50/122/1070
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, 自由起升状态)	Ground clearance, with load, below mast	mm	115	115	115	115	125
4.16 轴距中心离地间隙	Ground clearance, center of wheelbase	mm	150	150	150	150	150



载荷曲线图 Load curve



注意: 纵轴表示承载能力, 横轴表示载荷中心。载荷中心的计算从叉车前端开始。标准负载的基准点指的是边长为1000毫米的立方体负载的中心。如果货叉前倾、采用非标准货叉或负载宽度过大, 承载能力会下降。通过负载曲线可以及时了解载荷中心的承载能力。

Note: the vertical axis represents the CAPACITY and the horizontal axis represents the LOAD CENTER. The calculation of LOAD CENTER starts with the frontage of fork. The basic point of standard load refers to the center of a cube with load side 1000mm long. The CAPACITY will drop if the mast tilts forwards, a non-standard fork is adopted or the load width is excessive. The CAPACITY at the LOAD CENTER could be timely learnt of through the load curve.

锂电池容量配置表 Lithium battery capacity configuration table

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-D 20	150	150, 175, 205, 230, 280, 410, 460	3~6
PF-D 25	150	150, 175, 205, 230, 280, 410, 460	3~6
PF-D 30	150	150, 175, 205, 230, 280, 410, 460	3~6
PF-D 35	150	150, 175, 205, 230, 280, 410, 460	3~5
PF-D 38	150	150, 175, 205, 230, 280, 410, 460	3~4.5

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充电机型号配置表 Charger Model Configuration Table

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			
充电机接口件 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			

门架型号配置表 Mast model configuration table

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)			门架倾角α/β(°) Mast inclinationα/β(°)		
		2t	2.5t	3t	3.5t	3.8t	2t-2.5t	3-3.5t	3.8t	2t-2.5t	3-3.5t	3.8t	2t-2.5t	3-3.5t	3.8t
M200	2000	2000	2500	3000	3500	3800	1765	1550	1700	150	150	100	6/10	6/10	6/10
M250	2500	2000	2500	3000	3500	3800	2015	1800	1950	150	150	100	6/10	6/10	6/10
M300	3000	2000	2500	3000	3500	3800	2165	2050	2200	150	150	100	6/10	6/10	6/10
M330	3300	2000	2500	3000	3500	3800	2265	2200	2350	150	150	100	6/10	6/10	6/10
M350	3500	2000	2500	3000	3500	3800	2565	2300	2450	150	150	100	6/10	6/10	6/10
M400	4000	2000	2500	3000	3500	3800	2815	2600	2750	150	150	100	6/6	6/6	6/6
M450	4500	1800	2100	2800	2900	3100	3065	2850	3000	150	150	100	6/6	6/6	6/6
M500	5000	1500	1900	2500	2600	2900	3365	3100	3250	150	150	100	6/6	6/6	6/6
M550	5500	1200	1500	2000	2100	2400	3615	3400	3550	150	150	100	3/6	3/6	3/6
M600	6000	1000	1200	1800	1900	2000	3655	3650	3800	150	150	100	3/6	3/6	3/6
Z250	2500	2000	2500	3000	3500	—	1805	1870	—	760	680	—	6/10	6/10	—
Z300	3000	2000	2500	3000	3500	—	2055	2120	—	1010	930	—	6/10	6/10	—
Z330	3300	2000	2500	3000	3500	—	2205	2270	—	1160	1080	—	6/10	6/10	—
Z350	3500	2000	2500	3000	3500	—	2305	2370	—	1260	1180	—	6/10	6/10	—
Z400	4000	2000	2500	3000	3500	—	2605	2670	—	1560	1480	—	6/6	6/6	—
Z450	4500	1800	2100	2800	2900	—	2855	2920	—	1810	1730	—	6/6	6/6	—
S400	4000	1850	2300	2800	3500	—	1890	1975	—	880	785	—	6/10	6/10	—
S450	4500	1700	2100	2500	2900	—	2060	2140	—	1050	950	—	6/10	6/10	—
S480	4800	1500	1800	2250	2800	—	2160	2240	—	1150	1050	—	6/10	6/10	—
S500	5000	1400	1650	1950	2600	—	2230	2310	—	1220	1120	—	6/10	6/10	—
S550	5500	1100	1200	1550	2100	—	2440	2525	—	1430	1335	—	6/6	6/6	—
S600	6000	750	950	1200	1700	—	2610	2690	—	1600	1500	—	6/6	6/6	—

