高品质锂电池
High quality lithium battery

标配和鼎大品牌锂电池， 使用寿命长， 质保五年。零污染，免维护， 1.5-2 小时即可快速充满， 随用随充， 更适合多班次场景作业。

Standard equipped with Heding high quality lithium battery. Long service life, five-year' s warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.



液晶显示屏
Large LCD screen

配备大屏幕液晶显示屏， 可直观显示车辆运行状态， 具有故障显示及误操作报警功能。

The large LCD screen can directly display the operating state of the vehicle. It also has the function of fault display and maloperation alarm.



LMH 三档位模式
LMH three gear mode

LMH 三档位模式，可根据工况自由选择不同速度模式，作业效率更高。可选配弯道减速功能，降低机器侧倾风险。

LMH three gear mode. Customers can select different mode based on their working condition to achieve higher efficiency. Optional steering speed control function helps to reduce the risk of machine rolling.



维修便捷
Convenient maintenance

电池上盖接近 90°大开口角度， 侧罩可灵活拆卸， 电池安装更便捷，线路检修方便。

The nearly 90 ° large opening angle of the battery cover and the flexibly dismounted side cover facilitate the battery installing job and line maintenance job greatly.



公司简介 ENTERPRISE BRIEF INTRODUCTION



大连叉车有限公司成立于 1946 年，1958 年，中国第一台叉车在这里诞生。引进三菱技术和日产技术，大连叉车现已成为我国 1-45 吨全品类通用叉车专业生产基地，包括集装箱叉车，正面吊运机、重型集装箱叉车、空箱装卸机、牵引车等，集专业技术、引进技术、创新技术于一体，现已获得特种设备制造许可证、出口质量证书和中国机械行业知名品牌。并获得ISOS9001，2000 认证和CE 认证。同时，它还被评为中国 500 强企业。大连叉车，始终以客户的需求为己任，追求完美，愿与各方携手共创美好未来。

DALIAN FORKLIFT CO., LTD was established in 1946 and the birthplace of China first forklift in 1958.Introducing Mitsubishi technology and Nissan techniques , now DALIAN FORKLIFTCO., LTD has become the only manufacture in China who produced the full range of forklift from 1-45t , including the container reach stacker , heavy duty container forklift, empty container handler and towing tractor etc.With combination of specialized technology , introducing technology and innovated technology , now the product has awarded special equipment manufacture license , exporting quality certificate and famous brand of China mechanic industry. And the company has awarded ISO59001，2000 certificate and CE recognition . Meanwhile it's also awarded the 500 best strongest enterprises inChina. Dalian Forklift Co, . Ltd always promise the customers' s need , pursuing perfection，would like to work with all sides to create a bright future.

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1-1.8t
K系列锂电池平衡重式叉车
K SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT

大连叉车有限责任公司
DALIAN FORKLIFT CO.,LTD



充电口侧置
Side-placed charging port

充电口侧置， 匹配国标充电枪， 充电方便。 锂电池可在高达 55℃的环境下工作。 极寒温度下， 可选装电池自加热功能， 电池仍能保持优良放电性能。

The side-placed charging port is configured with China national standard charging gun. The lithium battery can operate at temperatures up to 55℃. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

安全性提升
Improved safety performance

高重式后桥结构， 整机横向稳定性提升， 可选配弯道自动减速功能， 操作更安全。

rear axle consturction improves the machine' s lateral
inal steering speed control makes the operation more



大连叉车有限责任公司
DALIAN FORKLIFT CO.,LTD

1-1.8t
K系列锂电池平衡重式叉车
K SERIES LITHIUM BATTERY POWERED COUNTER-BALANCE FORKLIFT

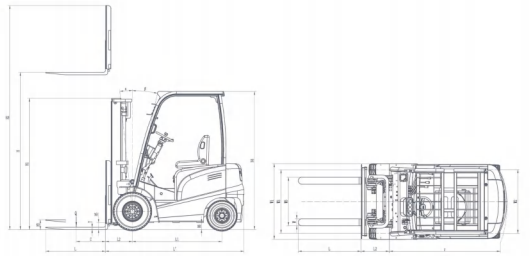


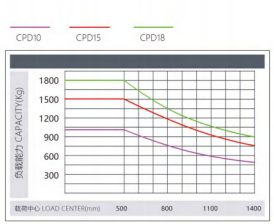
CE ISO SGS

制造商和技术参数 Manufacturer's Data and Design Characteristics

	特性	Characteristics			DALIAN		
1.01	制造商	Manufacturer					
1.02	型号	Model			CPD10	CPD15	CPD18
1.03	额定起重量	Rated capacity	Q	kg	1000	1500	1800
1.04	载荷中心距	Load center distance	C	mm	500	500	500
1.05	动力形式	Power type			锂电池 Lithium Battery	锂电池 Lithium Battery	锂电池 Lithium Battery
1.06	驾驶方式	Driving type			乘坐式 Seated	乘坐式 Seated	乘坐式 Seated
1.07	轴距	Wheel base	L1	mm	1360	1360	1360
	轮胎	Tyres					
2.01	轮胎类型	Tyre type			充气胎 Pneumatic	充气胎 Pneumatic	充气胎 Pneumatic
2.02	车轮数量（前/后）	Wheel number(front/rear)			2×/2	2×/2	2×/2
2.03	前轮距	Front tread	W3	mm	912	912	912
2.04	后轮距	Rear tread	W2	mm	920	920	920
2.05	轮胎，前	Tyre(front)			6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
2.06	轮胎，后	Tyre(rear)			5.00-8-8PR	5.00-8-8PR	5.00-8-8PR
	尺寸	Size					
3.01	前悬距	Front overhang	L2	mm	400	400	400
3.02	门架倾角，前/后	Mast tilting angle,front/rear	α/β	°	6/12	6/12	6/12
3.03	门架回缩时高度	Height with mast retraction	H1	mm	1995	1995	1995
3.04	自由起升高度	Free lifting height	H3	mm	140	140	140
3.05	最大起升高度	Max. lifting height	H	mm	3000	3000	3000
3.06	作业时最大高度	Max. height after lifting	H2	mm	4025	4025	4025
3.07	护顶架高度	Overall guard height	H4	mm	2100	2100	2100
3.08	货叉尺寸 长×宽×厚	Fork size: length×width×thickness	L×W×T	mm	1070×100×32	1070×100×35	1070×100×35
3.09	车体长度（不含货叉）	Overall length(fork excluded)	L'	mm	2035	2035	2035
3.10	车体宽度	Overall width	W1	mm	1090	1090	1090
3.11	转弯半径	Turning radius	r	mm	1997	1997	1997
3.12	门架离地间隙	Ground clearance of mast	H5	mm	105	105	105
3.13	轴距中心离地间隙（满载）	Ground clearance of wheel base center(loaded)	H6	mm	115	115	115
3.14	直角堆垛通道宽度 (托盘1000×1000mm),间隙200mm	Right angle stacking aisle width (pallet 1000×1000mm, clearance 200mm)	Ast	mm	3797	3797	3797
3.15	直角堆垛通道宽度 (托盘1200×1200mm),间隙200mm	Right angle stacking aisle width (pallet 1200×1200mm, clearance 200mm)	Ast	mm	3997	3997	3997
3.16	货叉调节范围 (外侧) 最大/最小	Lateral fork adjustment Max./Min.	WS	mm	970/200	970/200	970/200
	性能	Performance					
4.01	行驶速度 (满/空载)	Travelling speed (loaded/unloaded)		km/h	13/15	13/15	13/15
4.02	起升速度 (满/空载)	Lifting speed (loaded/unloaded)		mm/s	240/450	240/450	240/450
4.03	下降速度	Lowering speed		mm/s	< 600	< 600	< 600
4.04	爬坡能力（满载）	Gradeability (loaded)		%	12	12	12
	重量	Weight					
5.01	自重（含油水）	Total weight		Kg	2960	3120	3200
	锂电池	Lithium Battery					
6.01	锂电池电压/容量	Lithium Battery voltage /capacity		V/Ah	80/150	80/150	80/173
6.02	锂电池重量（含箱体）	Lithium Battery weight(with battery box)		Kg	580	580	640
	电机和控制器	Motor and controller					
7.01	驱动电机功率-60分钟	Driving motor power-60 minutes		Kw		8	
7.02	起升电机功率（S3 15%）	Lifting motor power(S3 15%)		Kw		10	
7.03	驱动电机控制方式	Driving motor control mode				交流 AC	
7.04	起升电机控制方式	Lifting motor control mode				交流 AC	
7.05	行车制动/停车制动	Service brake/parking brake				液压/机械 Hydraulic / Mechanical	
7.06	液压系统工作压力	Hydraulic system working pressure		Mpa		17.5	

注：(1)蓄电池具体品牌及其容量大小，请咨询销售或技术人员。 Note: (1)Detailed information about battery,please contact our salesmen or engineer.





注：
要轴表示承载量，横轴表示载荷中心。载荷中心是从货叉正面计算起，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。当门架倾低、使用非标准货叉或装载超过正常宽度的负荷时，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 stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, for non-standard forks are used, or loads exceeds normal width, the load capacity will be reduced. Through the load chart, the bearing capacity of the standard mast at various load centers can be timely understood.

宽视野基本型门架 WIDE VIEW MAST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm) kg Load capacity (load center 500mm) (kg)			门架全高（货叉落地） Mast overall height (mm)	门架倾角 (前/后) Mast tilting angle (front/rear)
		1t	1.5t	1.8t	1-1.8t	1-1.8t
M200	2000	1000	1500	1800	1490	6/12
M250	2500	1000	1500	1800	1740	6/12
M270	2700	1000	1500	1800	1840	6/12
M300	3000	1000	1500	1800	1990	6/12
M330	3300	1000	1500	1700	2140	6/12
M350	3500	1000	1500	1600	2240	6/12
M370	3700	1000	1500	1600	2340	6/6 *6/12
M400	4000	1000	1500	1600	2540	6/6 *6/12
M425	4250	900 *1000	1300 *1500	1400 *1600	2665	6/6 *6/12
M450	4500	*900	*1300	*1400	2790	6/6 *6/12
M500	5000	*800	*1200	*1300	3040	6/6 *6/6
M550	5500	*600	*1100	*1200	3340	*3/6
M600	6000	*450	*650	*800	3590	*3/6

注：(1)*表示前轮为双胎时的承载力
(2)表中自重为双胎时重量：+110kg
(3)Max. lifting height (backrest): +580mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110 kg
(3)Max. lifting height (backrest): +580mm

二级全自由门架 WIDE VIEW FULL FREE 2-STAGE MEST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm)kg Load capacity(load center 500mm)(kg)			门架全高（货叉落地） Mast overall height(mm)	自由起升（带挡货架） Free lifting height(with backrest) mm	门架倾角 (前/后) Mast tilting angle (front/rear)
		1t	1.5t	1.8t	1-1.8t	1-1.8t	
ZM200	2000	1000	1500	1800	1490	475	6/12
ZM250	2500	1000	1500	1800	1740	725	6/12
ZM300	3000	1000	1500	1800	1990	975	6/12
ZM330	3300	1000	1500	1700	2140	1125	6/12
ZM350	3500	1000	1500	1600	2240	1225	6/6 *6/12
ZM370	3700	1000	1500	1600	2340	1250	6/6 *6/12
ZM400	4000	1000	1500	1600	2540	1525	6/6 *6/12
ZM425	4250	900 *1000	*1300 *1500	*1400 *1600	2665	1650	6/6 *6/12
ZM450	4500	*900	*1100 *1300	*1200 *1400	2790	1775	6/6 *6/6
ZM500	5000	*800	*1150	*1250	3040	2025	*3/6
ZM550	5500	*600	*1000	*1100	3340	2325	*3/6
ZM600	6000	*450	*650	*750	3590	2575	*3/6

注：(1)*表示前轮为双胎时的承载力
(2)表中自重为双胎时重量：+110kg
(3)自由提升高度 (不带挡货架)：+514mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) : +514mm

三级全自由门架 WIDE VIEW FULL FREE 3-STAGE MAST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm) kg Load capacity(load center 500mm) (kg)			门架全高（货叉落地） Mast overall height(mm)	自由起升（带挡货架） Free lifting height (with backrest) mm	门架倾角 (前/后) Mast tilting angle (front/rear)
		1t	1.5t	1.8t	1-1.8t	1-1.8t	
ZSM360	3600	1000	1500	1700	1690	676	6/6 *6/6
ZSM400	4000	800	1300	1600	1825	810	6/6 *6/6
ZSM435	4350	700	1200	1500	1940	926	6/6 *6/6
ZSM450	4500	650	1150	1400	1990	976	6/6 *6/6
ZSM480	4800	600	1100	1300	2090	1076	6/6 *6/6
ZSM500	5000	500	1000	1200	2155	1145	6/6 *6/6
ZSM550	5500	400 *500	900 *1000	900 *1100	2380	1360	6/6 *6/6
ZSM600	6000	300 *400	600 *600	600 *600	2550	1526	6/6 *6/6

注：(1)*表示前轮为双胎时的承载力
(2)表中自重为双胎时重量：+110kg
(3)自由提升高度 (不带挡货架)：+514mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) : +514mm

能量再生技术 *RENEWABLE ENERGY TECHNOLOGIES*

应用负荷传感优先转向和交流控制能量再生技术，叉车更节能，蓄电池单作业循环时间最大延长 15%。

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

加强型部件
Reinforced components

配置免维护湿式盘式制动系统， 制动性能优异。一体式铸造驱动桥久经市场验证， 结构紧凑， 受载变形小， 防水防尘，维护成本低。

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability.



先进的交流电机
Advanced AC motor

相比直流电机，交流电机最高转速更高，动力更强劲，体积轻便小巧。 叉车启动响应更快， 短距离内也可实现全速运转。无需更换碳刷和转向器，节省维护成本。

Compared with DC motor, the maximum speed of AC motor is higher, which is more compact yet more powerful. With faster start-up response, the forklift can run at full speed over short distances. No need to replace the carbon brush or diverter, thus saving maintenance cost.



高品质锂电池
High quality lithium battery

标配和鼎大品牌锂电池， 使用寿命长， 质保五年。零污染，免维护， 1.5-2 小时即可快速充满， 随用随充， 更适合多班次场景作业。

Standard equipped with Heding high quality lithium battery. Long service life, five-year' s warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.



电控系统
Electronic control system

标配进口 ZAPI 电控， 叉车启动、 行走、 货叉起升皆由电控系统控制， 精准高效。具有坡道制动和故障自诊断功能。

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by electronic control system with high precision and efficiency, which has ramp braking and fault self-diagnosis functions.



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2-2.5t
K系列锂电池平衡重式叉车
K SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT



充电口侧置
Side-placed charging port

充电口侧置， 匹配国标充电枪， 充电方便。 锂电池可在高达 55℃的环境下工作。 极寒温度下， 可选装电池自加热功能， 电池仍能保持优良放电性能。

The side-placed charging port is configured with China national standard charging gun. The lithium battery can operate at temperatures up to 55℃. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

人机舒适性
Ergonomic design

起升系统标配缓冲功能，货物下降平稳，作业更加安全。悬浮座椅及宽视野门架，提升驾驶体验。宽视野门架槽钢截面加大，整体结构坚固可靠。

The lifting system is standard configured with buffering function, which ensures soothing landing of a load and better operation safety. And the enlarged cross section of the wide view mast makes the entire structure more stable.



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DALIAN FORKLIFT CO.,LTD

CE ISO SGS

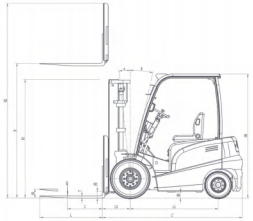
2-2.5t
K系列锂电池平衡重式叉车
K SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT

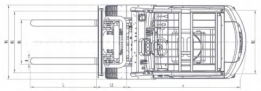


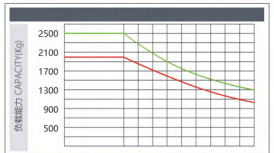
制造商和技术参数 Manufacturer's Data and Design Characteristics

	特性 Characteristics				DALIAN	
1.01	制造商 Manufacturer					
1.02	型号 Model				CPD20	CPD25
1.03	额定起重量 Rated capacity	Q	kg		2000	2500
1.04	载荷中心距 Load center distance	C	mm		500	500
1.05	动力形式 Power type				锂电池 Lithium Battery	锂电池 Lithium Battery
1.06	驾驶方式 Driving type				乘坐式 Seated	乘坐式 Seated
1.07	轴距 Wheel base	L1	mm		1500	1500
	轮胎 Tyres					
2.01	轮胎类型 Tyre type				充气胎 Pneumatic	充气胎 Pneumatic
2.02	车轮数量（前/后） Wheel number(front/rear)				2×/2	2×/2
2.03	前轮距 Front tread	W3	mm		970	970
2.04	后轮距 Rear tread	W2	mm		950	950
2.05	轮胎，前 Tyre(front)				7.00-12-12PR	7.00-12-12PR
2.06	轮胎，后 Tyre(rear)				18X7-8PR	18X7-8PR
	尺寸 Size					
3.01	底叉前伸 Front overhang	L2	mm		468	468
3.02	门架倾角，前/后 Mast tilting angle,front/rear	α/β	°		6/12	6/12
3.03	门架回缩时高度 Height with mast retraction	H1	mm		1995	1995
3.04	自由起升高度 Free lifting height	H3	mm		150	150
3.05	最大起升高度 Max. lifting height	H	mm		3000	3000
3.06	作业时最大高度 Max. height after lifting	H2	mm		4045	4045
3.07	护顶架高度 Overall guard height	H4	mm		2098	2098
3.08	货叉尺寸 长×宽×厚 Fork size: length×width×thickness	L×W×T	mm		1070×100×40	1070×120×40
3.09	车体长度（不含货叉） Overall length(fork excluded)	L'	mm		2353	2353
3.10	车体宽度 Overall width	W1	mm		1170	1170
3.11	转弯半径 Turning radius	r	mm		2172	2172
3.12	门架离地间隙 Ground clearance of mast	H5	mm		110	110
3.13	轴距中心离地间隙（满载） Ground clearance of wheel base center(loaded)	H6	mm		105	105
3.14	直角堆垛通道宽度（托盘1000×1000mm),间隙200mm Right angle stacking aisle width (pallet 1000×1000mm，clearance 200mm)	Ast	mm		4040	4040
3.15	直角堆垛通道宽度（托盘1200×1200mm),间隙200mm Right angle stacking aisle width (pallet 1200×1200mm，clearance 200mm)	Ast	mm		4240	4240
3.16	货叉调节范围（外侧）最大/最小 Lateral fork adjustment Max./Min.	W5	mm		1038/200	1038/240
	性能 Performance					
4.01	行驶速度（满/空载） Travelling speed (loaded/unloaded)			km/h	12/14	12/14
4.02	起升速度（满/空载） Lifting speed (loaded/unloaded)			mm/s	320/450	320/450
4.03	下降速度 Lowering speed			mm/s	< 600	< 600
4.04	爬坡能力（满载） Gradeability (loaded)			%	12	12
	重量 Weight					
5.01	自重（含油水） Total weight			Kg	4214	4270
	锂电池 Lithium Battery					
6.01	锂电池电压/容量 Lithium Battery voltage /capacity			V/Ah	80/202	80/230
6.02	锂电池重量 Lithium Battery weight			Kg	715	750
	电机和控制器 Motor and controller					
7.01	驱动电机功率-60分钟 Driving motor power-60 minutes			Kw	11	
7.02	起升电机功率（S3 15%） Lifting motor power(S3 15%)			Kw	12	
7.03	驱动电机控制方式 Driving motor control mode				交流 AC	
7.04	起升电机控制方式 Lifting motor control mode				交流 AC	
7.05	行车制动/停车制动 Service brake/parking brake				液压/机械 Hydraulic / Mechanical	
7.06	液压系统工作压力 Hydraulic system working pressure			Mpa	17.5	

注：(1)蓄电池具体品牌及其容量大小，请咨询销售或技术人员。 Note: (1)Detailed information about battery,please contact our salesmen or engineer.







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计算起，标准载荷的基点是叉指负荷边长为 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负荷时，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 stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, or non-standard forks are used, or loads exceeds normal width, the load capacity will be reduced. Through the load chart, the bearing capacity of the standard mast at various load centers can be timely understood.

能量再生技术 *RENEWABLE ENERGY TECHNOLOGIES*

应用负荷传感优先转向和交流控制能量再生技术，叉车更节能，蓄电池单作业循环时间最大延长 15%。

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

宽视野基本型门架 WIDE VIEW MAST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm) kg Load capacity (load center 500mm) (kg)		门架全高（货叉落地） Mast overall height (mm)	门架倾角 (前/后) Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	
M200	2000	2000	2500	1495	6/12
M250	2500	2000	2500	1745	6/12
M270	2700	2000	2500	1845	6/12
M300	3000	2000	2500	1995	6/12
M330	3300	2000	2500	2145	6/12
M350	3500	2000	2500	2245	6/12
M370	3700	2000	2500	2345	6/6 *6/12
M400	4000	2000	2500	2545	6/6 *6/12
M425	4250	1800 *2000	2200 *2500	2670	6/6 *6/12
M450	4500	1600 *1800	2100 *2400	2795	6/6 *6/12
M500	5000	1200 *1700	1600 *1900	3045	6/6 *6/6
M550	5500	*1500	*1700	3345	*3/6
M600	6000	900 *1200	900 *1400	3595	*3/6

注：(1)*表示载荷为双胎时的承载力
(2)表中自重为双胎的重量：+110kg
(3)带担货架最大起升高度：+580 mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110 kg
(3)Max. lifting height (backrest): +580mm

二级全自由门架 WIDE VIEW FULL FREE 2-STAGE MEST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm)kg Load capacity(load center 500mm)(kg)		门架全高（货叉落地） Mast overall height(mm)	自由起升（带货货架） Free lifting height(with backrest) mm	门架倾角 (前/后) Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	2-2.5t	
ZM200	2000	2000	2500	1495	495	6/12
ZM250	2500	2000	2500	1745	745	6/12
ZM300	3000	2000	2500	1995	995	6/12
ZM330	3300	2000	2500	2145	1145	6/12
ZM350	3500	2000	2500	2245	1245	6/6 *6/12
ZM370	3700	2000	2500	2345	1370	6/6 *6/12
ZM400	4000	2000	2500	2545	1545	6/6 *6/12
ZM425	4250	1900 *2000	2250 *2500	2670	1670	6/6 *6/12
ZM450	4500	1800 *1900	2150 *2400	2795	1795	6/6 *6/6
ZM500	5000	1600 *1700	1830 *2000	3045	2045	*3/6
ZM550	5500	*1600	*1950	3345	2345	*3/6
ZM600	6000	*1500	*1800	3595	2595	*3/6

注：(1)*表示载荷为双胎时的承载力
(2)表中自重为双胎的重量：+110kg
(3)自由提升高度（不带担货架）：+435mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest): +435mm

三级全自由门架 WIDE VIEW FULL FREE 3-STAGE MAST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm) kg Load capacity(load center 500mm) (kg)		门架全高（货叉落地） Mast overall height(mm)	自由起升（带担货架） Free lifting height (with backrest) mm	门架倾角 (前/后) Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	2-2.5t	
ZSM360	3600	2000	2500	1695	655	6/6 *6/6
ZSM400	4000	2000	2500	1860	788	6/6 *6/6
ZSM435	4350	1750 *1900	1950 *2300	1945	905	6/6 *6/6
ZSM450	4500	1600 *1800	1700 *2200	1995	995	6/6 *6/6
ZSM480	4800	1350 *1700	1500 *2000	2095	1055	6/6 *6/6
ZSM500	5000	1100 *1600	1300 *1800	2165	1121	6/6 *6/6
ZSM550	5500	850 *1300	1100 *1600	2330	1288	6/6 *6/6
ZSM600	6000	*1100	*1300	2550	1505	6/6 *6/6

注：(1)*表示载荷为双胎时的承载力
(2)表中自重为双胎的重量：+110kg
(3)自由提升高度（不带担货架）：+435mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest): +435mm

先进的交流电机
Advanced AC motor

相比直流电机，交流电机最高转速更高，动力更强劲，体积轻便小巧， 叉车启动响应更快， 短距离内也可实现全速运转。无需更换碳刷和转向器，节省维护成本。

Compared with DC motor, the maximum speed of AC motor is higher, which is more compact yet more powerful. With faster start-up response, the forklift can run at full speed over short distances. No need to replace the carbon brush or diverter, thus saving maintenance cost.



高品质锂电池
High quality lithium battery

标配和鼎大品牌锂电池， 使用寿命长， 质保五年。零污染，免维护， 1.5-2 小时即可快速充满， 随用随充， 更适合多班次场景作业。

Standard equipped with Heding high quality lithium battery. Long service life, five-year ' s warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.



电控系统
Electronic control system

标配进口 ZAPI 电控， 叉车启动、行走、 货叉起升皆由电控系统控制，精准高效。具有坡道制动和故障自诊断功能。

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by electronic control system with high precision and efficiency, which has ramp braking and fault self-diagnosis functions.



加强型部件
Reinforced components

配置免维护湿式盘式制动系统， 制动性能优异。一体式铸造驱动桥久经市场验证， 结构紧凑， 受载变形小， 防水防尘，维护成本低。

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability.



公司简介 ENTERPRISE BRIEF INTRODUCTION



大连叉车有限公司成立于 1946 年，1958 年，中国第一台叉车在这里诞生。引进三菱技术和日产技术，大连叉车现已成为我国 1-45 吨全品类通用叉车专业生产基地，包括集装箱叉车，正面吊运机、重型集装箱叉车、空箱装卸机、牵引车等，集专业技术、引进技术、创新技术于一体，现已获得特种设备制造许可证、出口质量证书和中国机械行业知名品牌。并获得ISOS9001，2000 认证和CE 认证。同时，它还被评为中国500强企业。大连叉车，始终以客户的需求为己任，追求完美，愿与各方携手共创美好未来。

DALIAN FORKLIFT CO., LTD was established in 1946 and the birthplace of China first forklift in 1958.Introducing Mitsubishi technology and Nissan techniques , now DALIAN FORKLIFTCO., LTD has become the only manufacture in China who produced the full range of forklift from 1-45t , including the container reach stacker , heavy duty container forklift, empty container handler and towing tractor etc.With combination of specialized technology , introducing technology and innovated technology , now the product has awarded special equipment manufacture license , exporting quality certificate and famous brand of China mechanic industry. And the company has awarded ISO59001, 2000 certificate and CE recognition . Meanwhile it's also awarded the 500 best strongest enterprises inChina. Dalian Forklift Co, . Ltd always promise the customers' s need , pursuing perfection, would like to work with all sides to create a bright future.

* 如有变更，恕不另行通知，所有图片仅供参考。

*Detailed diversification herein will be subject to alteration without notice.

公司官网　　公众号

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出口部电话（Export Department Tel）: 0086-411-86701768 86701270
传真（Fax）: 0086-411-86701269
备件部电话（Spare Parts Department Tel）: 0086-411-84638974
传真（Fax）: 0086-411-84640464
网址（Web）: www.dlcc.cn
邮箱（对外贸易）E-mail(ForeignTrade) : ck@dlcc.cn

3-4t
K系列锂电池平衡重式叉车
K SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT





大连叉车有限责任公司
DALIAN FORKLIFT CO.,LTD

充电口侧置
Side-placed charging port

充电口侧置， 匹配国标充电枪， 充电方便。 锂电池可在高达55℃的环境下工作。 极寒温度下， 可选装电池自加热功能， 电池仍能保持优良放电性能。

The side-placed charging port is configured with China national standard charging gun. The lithium battery can operate at temperatures up to 55℃. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

灵活的转向系统
Flexible steering system

采用动态负荷传感型优先转向系统， 转向响应更快速。 车架与转向桥采用悬浮式连接， 减振性能优异， 行驶更加平稳。

The dynamic load sensing priority steering system ensures faster steering response. The frame is connected to the steering axle in suspension, ensuring excellent vibration damping performance, and more stable driving.



大连叉车有限责任公司
DALIAN FORKLIFT CO.,LTD

3-4t
K系列锂电池平衡重式叉车
K SERIES LITHIUM BATTERY POWERED COUNTER-BALANCE FORKLIFT



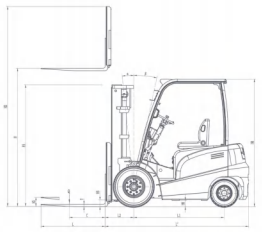
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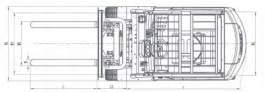
制造商和技术参数 Manufacturer's Data and Design Characteristics

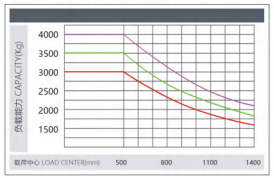
	特性	Characteristics					
1.01	制造商	Manufacturer			DALIAN		
1.02	型号	Model			CPD30	CPD35	CPD40
1.03	额定起重量	Rated capacity	Q	kg	3000	3500	4000
1.04	载荷中心距	Load center distance	C	mm	500	500	500
1.05	动力形式	Power type			锂电池 Lithium Battery	锂电池 Lithium Battery	锂电池 Lithium Battery
1.06	驾驶方式	Driving type			乘坐式 Seated	乘坐式 Seated	乘坐式 Seated
1.07	轴距	Wheel base	L1	mm	1600	1600	1800
	轮胎	Tyres					
2.01	轮胎类型	Tyre type			充气胎 Pneumatic	充气胎 Pneumatic	充气胎 Pneumatic
2.02	车轮数量（前/后）	Wheel number(front/rear)			2×/2	2×/2	2×/2
2.03	前轮距	Front tread	W3	mm	1000	1000	1160
2.04	后轮距	Rear tread	W2	mm	970	970	970
2.05	轮胎，前	Tyre(front)			28X9-15-12PR	28X9-15-12PR	250-15-12PR
2.06	轮胎，后	Tyre(rear)			18X7-8-14PR	18X7-8-14PR	18X7-8-16PR
	尺寸	Size					
3.01	座椅距	Front overhang	L2	mm	475	475	520
3.02	门架倾角，前/后	Mast tilting angle,front/rear	α/β	°	6/12	6/12	6/12
3.03	门架回缩时高度	Height with mast retraction	H1	mm	2025	2025	2150
3.04	自由起升高度	Free lifting height	H3	mm	150	150	150
3.05	最大起升高度	Max. lifting height	H	mm	3000	3000	3000
3.06	作业时最大高度	Max. height after lifting	H2	mm	4160	4160	4272
3.07	护顶架高度	Overall guard height	H4	mm	2092	2092	2092
3.08	货叉尺寸 长×宽×厚	Fork size: length×width×thickness	L×W×T	mm	1070×125×45	1070×125×50	1070×125×50
3.09	车体长度（不含货叉）	Overall length(fork excluded)	L'	mm	2507	2507	2690
3.10	车体宽度	Overall width	W1	mm	1220	1220	1420
3.11	转弯半径	Turning radius	r	mm	2360	2360	2550
3.12	门架离地间隙	Ground clearance of mast	H5	mm	120	120	130
3.13	轴距中心离地间隙（满载）	Ground clearance of wheel base center(loaded)	H6	mm	130	130	130
3.14	直角堆垛通道宽度（托盘1000×1000mm),间隙200mm	Right angle stacking aisle width (pallet 1000×1000mm，clearance 200mm)	Ast	mm	4105	4105	4250
3.15	直角堆垛通道宽度（托盘1200×1200mm),间隙200mm	Right angle stacking aisle width (pallet 1200×1200mm，clearance 200mm)	Ast	mm	4305	4305	4450
3.16	货叉调节范围（外侧）最大/最小	Lateral fork adjustment (outside) Max./Min.	W5	mm	1100/250	1100/250	1300/250
	性能	Performance					
4.01	行驶速度（满/空载）	Travelling speed (loaded/unloaded)		km/h	14/15	14/15	12/13
4.02	起升速度（满/空载）	Lifting speed (loaded/unloaded)		mm/s	300/400	300/400	250/350
4.03	下降速度	Lowering speed		mm/s	< 600	< 600	< 600
4.04	爬坡能力（满载）	Gradeability (loaded)		%	14	14	14
	重量	Weight					
5.01	自重（含油水）	Total weight		Kg	4950	5240	5340
	锂电池	Lithium Battery					
6.01	锂电池电压/容量	Lithium Battery voltage /capacity		V/Ah	80/280	80/346	80/346
6.02	锂电池重量	Lithium Battery weight		Kg	1125	1170	1170
	电机和控制器	Motor and controller					
7.01	驱动电机功率-60分钟	Driving motor power-60 minutes		Kw		16.6	
7.02	起升电机功率（S3 15%）	Lifting motor power(S3 15%)		Kw		13.5	
7.03	驱动电机控制方式	Driving motor control mode				交流 AC	
7.04	起升电机控制方式	Lifting motor control mode				交流 AC	
7.05	行车制动/停车制动	Service brake/parking brake				液压/机械 Hydraulic / Mechanical	
7.06	液压系统工作压力	Hydraulic system working pressure		Mpa	17.5	17.5	20

注：(1)蓄电池具体品牌及其容量大小，请咨询销售或技术人员。

Note: (1)Detailed information about battery,please contact our salesmen or engineer.







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计算起，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，使用非标准货叉或被载起过正常宽度的负荷时，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 stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, or non-standard forks are used, or loads exceeds normal width, the load capacity will be reduced. Through the load chart, the bearing capacity of the standard mast at various load centers can be timely understood.



能量再生技术 *RENEWABLE ENERGY TECHNOLOGIES*

应用负荷传感优先转向和交流控制能量再生技术，叉车更节能，蓄电池单作业循环时间最大延长 15%。

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

宽视野基本型门架 WIDE VIEW MAST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm) kg Load capacity (load center 500mm) (kg)			门架全高（货叉落地） Mast overall height (mm)			门架倾角 (前/后) Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	
M200	2000	3000	3500	4000	1565	1565	1650	6/12
M250	2500	3000	3500	4000	1815	1815	1900	6/12
M270	2700	3000	3500	4000	1915	1915	2000	6/12
M300	3000	3000	3500	4000	2065	2065	2150	6/12
M330	3300	3000	3500	4000	2215	2215	2300	6/12
M350	3500	3000	3500	4000	2315	2315	2400	6/12
M370	3700	3000	3500	4000	2415	2415	2500	6/6 *6/12
M400	4000	3000 *3000	3500 *3500	4000 *4000	2615	2615	2700	6/6 *6/12
M425	4250	2850 *3000	3100 *3500	3800 *4000	2740	2740	2825	6/6 *6/12
M450	4500	2600 *3000	2900 *3100	3500	2865	2865	2950	6/6 *6/12
M500	5000	2100 *2850	2400 *3000	3200	3115	3115	3200	6/6 *6/6
M550	5500	*2400	*2600	3415	3415	3500	*3/6
M600	6000	*2200	*2400	2400	3665	3665	3750	*3/6

注：(1)*表示额定为双胎的货叉承载力
(2)表中自重为双胎的重量；+110kg
(3)带自由举升高度 +580 mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110 kg
(3)Max. lifting height (backrest): +580mm

二级全自由门架 WIDE VIEW FULL FREE 2-STAGE MEST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm)kg Load capacity(load center 500mm)(kg)			门架全高（货叉落地） Mast overall height(mm)			自由起升（带挡货架） Free lifting height(with backrest) mm			门架倾角 (前/后) Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	3t	3.5t	4t	
ZM200	2000	3000	3500	4000	1565	1565	1650	325	325	413	6/12
ZM250	2500	3000	3500	4000	1815	1815	1900	575	575	663	6/12
ZM300	3000	3000	3500	4000	2065	2065	2150	825	825	913	6/12
ZM330	3300	3000	3500	4000	2215	2215	2300	975	975	1063	6/12
ZM350	3500	3000	3500	4000	2315	2315	2400	1075	1075	1163	6/6 *6/12
ZM370	3700	3000 *3000	3500	4000	2415	2415	2500	1175	1175	1263	6/6 *6/12
ZM400	4000	3000 *3000	3500 *3500	4000 *4000	2615	2615	2700	1375	1375	1413	6/6 *6/12
ZM425	4250	2850 *3000	3100 *3500	3800 *4000	2740	2740	2825	1500	1500	1538	6/6 *6/12
ZM450	4500	2600 *3000	2900 *3050	3500	2865	2865	2950	1625	1625	1663	6/6 *6/6
ZM500	5000	2100 *2850	2400 *3000	3200	3115	3115	3200	1875	1875	1913	*3/6
ZM550	5500	*2500	*2600	3415	3415	3500	2175	2175	2163	*3/6
ZM600	6000	*2300	*2400	3665	3665	3750	2475	2475	2413	*3/6

注：(1)*表示额定为双胎的货叉承载力
(2)表中自重为双胎的重量；+110kg
(3)自由提升高度（不带挡货架）3-3.5T: +580mm; 4T: +535mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) 3-3.5T: +580mm; 4T: +535mm

三级全自由门架 WIDE VIEW FULL FREE 3-STAGE MAST

门架类型 Mast model	最大起升高度 Max. lifting height (mm)	承载能力（载荷中心为500mm) kg Load capacity(load center 500mm) (kg)			门架全高（货叉落地） Mast overall height(mm)			自由起升（带挡货架） Free lifting height (with backrest) mm			门架倾角 (前/后) Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	3t	3.5t	4t	
ZSM360	3600	3000	3500	4000	1765	1765	1860	528	528	623	6/6 *6/6
ZSM400	4000	3000	3500	4000	1898	1898	1993	661	661	756	6/6 *6/6
ZSM435	4350	2800 *2850	3100 *3200	3300 *4000	2015	2015	2110	778	778	873	6/6 *6/6
ZSM450	4500	2500 *2750	2800 *3000	3500 *3500	2065	2065	2160	828	828	923	6/6 *6/6
ZSM480	4800	*2450	*2500	*2700	2165	2165	2260	928	928	1023	6/6 *6/6
ZSM500	5000	2100 *2300	2300 *2600	2500 *3000	2232	2232	2327	995	995	1090	6/6 *6/6
ZSM550	5500	1600 *2100	1700 *2300	2000 *2500	2398	2398	2493	1161	1161	1256	*3/6
ZSM600	6000	1300 *1800	1400 *2100	1600 *2300	2615	2615	2710	1378	1378	1473	*3/6

注：(1)*表示额定为双胎的货叉承载力
(2)表中自重为双胎的重量：+110kg
(3)自由提升高度（不带挡货架）3-3.5T: +580mm; 4T: +535mm

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) 3-3.5T: +580mm; 4T: +535mm