

特性 Characteristics	1.1	产品型号	Product Model		卓一LHE112
	1.2	驱动形式	Drive type		电动 Electric
	1.3	驾驶方式	Driving Mode		站驾式 Standing type
	1.4	额定载荷	Rated load	Q kg	1200
	1.5	载荷中心	Load Centre	C mm	400
	1.6	前悬距	Front Overhang	X mm	214.5
	1.7	轴距	Wheelbase	Y mm	1680
重量 Weight	2.1	自重 (不含电池)	Deadweight (without battery)	kg	3950
	2.2	桥荷 满载 (驱动/负载)	Bridge load Full load (drive/load)	kg	1490/3660
	2.3	桥荷 空载 (驱动/负载)	Bridge load Unladen (drive/load)	kg	2150/1800
轮胎 Wheel	3.1	轮胎	Tyre		聚胺酯轮 PU wheel
	3.2	驱动轮尺寸	Drive Wheel Size	mm	Φ343×135
	3.3	承载轮尺寸	Carrier Wheel Size	mm	Φ150×100
	3.4	轮子数量 (前/后) (x=驱动轮)	Number of wheels (front/rear) (x = drive wheel)		1x/4
	3.5	后轮距	Rear wheelbase	b11mm	1269
基本尺寸 Basic dimensions	4.1	门架闭合高度	Mast closing height	h1mm	3451
	4.2	起升高度	Lifting height	h3mm	8000
	4.3	门架展开高度 (护顶架最高点)	Height of gantry deployment (highest point of roof rack)	h4mm	10370
	4.4	护顶架高度 (回落状态)	Height of roof protection frame (lowered state)	h6mm	2370
	4.5	站人平台高度 (回落状态)	Height of the platform (in the falling state)	h7mm	245
	4.6	辅助提升高度	Auxiliary lifting height	h9mm	800
	4.7	站人平台高度 (展开状态)	Platform height (deployed state)	h12mm	8245
	4.8	货叉最低离地高度	Minimum fork height above ground	h13mm	75
	4.9	总长	Overall length	l1mm	2946.5
	4.10	货叉前端面至前端距离	Distance from front face to front face of fork	l2mm	2146.5
	4.11	总宽 (驾驶室宽度可定制)	Overall width (cabin width can be customized)	b1mm	1000
	4.12	货叉尺寸	Fork size	s/e/lmm	40/100/800
	4.13	货叉外宽	Fork outer width	b3mm	200-1000可调 Adjustable
	4.15	最小离地间隙	Minimum ground clearance	Mmm	50
	4.16	直角堆垛通道宽度, 托盘800*1200 (800沿货叉边)	Right angle stacking aisle width - pallet 800*1200 (800 along the fork sides)	Astmm	3106
	4.17	直角堆垛通道宽度, 托盘1000*1200 (1200沿货叉边)	Right angle stacking aisle width - pallet 1000*1200 (1200 along fork edges)	Astmm	3635
	4.18	转弯半径	Turning radius	Wamm	1852
性能 Performance	5.1	行驶速度 满载/空载	Travelling speed Full/no load	km/h	10/10
	5.2	提升速度 满载/空载	Lifting speed Full/no load	mm/s	250/300
	5.3	下降速度 满载/空载	Lowering speed, laden/unladen	mm/s	300/250
	5.4	最大爬坡能力 满载/空载	Maximum climbing capacity, laden/unladen	%	10/10
	5.5	制动方式	Braking method		电磁制动 Eectromagnetic
电机 Motor	6.1	驱动电机功率	Drive motor rating (same as FRB)	kw	11
	6.2	提升电机功率	Lifting motor power	kw	12
	6.3	蓄电池电压/容量	Battery voltage/capacity	V/Ah	48/460锂电 lithium
	6.4	蓄电池重量	Battery weight	kg	127
其他 Other	7.1	控制方式	Control mode		场效应管控制 Mosfet control
	7.2	整车噪音	Sound level	dB(A)	<70



高位拣选叉车  
LHE系列



LHE SERIES  
Performance Parameters of  
High Level Order Picker



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# Outstanding Performance

## 出众性能

### 可选配双向驾驶操作装置

Optional bidirectional driving operation device

双向驾驶操作装置允许车辆在前进和后退时都能进行有效的操作。这可以改善操作者的视野，使他们能够更好地观察周围环境，从而提升操作效率。

The bidirectional driving operation device allows the forklift to perform effective operations both forward and backward. This can improve the operator's field of vision, enabling them to better observe the surrounding environment and thus enhance operational efficiency.



### 配备应急下降功能

Equipped with emergency descent function

在紧急情况下，如车辆发生故障或操作者需要迅速降低门架的时候，可以手动控制门架下降。这一功能增加了操作的安全性。

In emergency situations, such as forklift malfunctions or when the operator needs to quickly lower the mast, the mast can be manually controlled to descend. This feature increases the security of the operation.

### 标配锂电池，免维护，大电流快充

Standard configuration lithium battery, maintenance free, high current fast charging

锂电池具有较高的能量密度和较长的使用寿命，免维护意味着不需要频繁更换电池或进行维护，大电流快充功能可以缩短充电时间，从而有效提高车辆的续航时间。

Lithium batteries have high energy density and long service life. Maintenance free means there is no need to frequently replace or maintain the battery. The high current fast charging function can shorten the charging time, effectively improving the forklift's endurance.

### 可单手同时操作起升和行走

It can operate lifting and walking simultaneously with one hand

通过优化设计，使操作者可以用一只手同时控制起升和行走，从而减少操作的复杂性，提高作业效率。

By optimizing the design, operators can simultaneously control lifting and walking with one hand, thereby reducing the complexity of operations and improving work efficiency.

### 配备全交流电机

Equipped with a full AC motor

全交流电机相比传统的直流电机具有更高的效率和更长的使用寿命，同时噪音和维护成本也更低。

Compared to traditional DC motor, full AC motor have higher efficiency and longer service life, while also having lower noise and maintenance costs.

### 升降采用比例控制

#### The lifting adopts proportional control

这种控制方式可以根据操作者的输入比例调节升降速度，从而减少门架在升降过程中的晃动。这有助于提高高空作业的安全性和操作的舒适度。

This control method can adjust the lifting speed according to the operator's input ratio, thereby reducing the shaking of the mast during the lifting process. This helps to improve the safety and comfort of working at height operations.



### 流媒体后视镜行车记录仪

#### Equipped with streaming media rear view mirror driving recorder

流媒体后视镜可以实时显示车辆后方的图像，而行车记录仪则可以记录行驶过程中的情况。前后双摄意味着车辆前后都有摄像头，可以更好地监控周围环境，提升在狭窄巷道等复杂路况下的驾驶安全性。

The bidirectional driving operation device allows the forklift to perform effective operations both forward and backward. This can improve the operator's field of vision, enabling them to better observe the surrounding environment and thus enhance operational efficiency.

# Meeting Different Needs

## 满足不同需求

为满足不同条件下的拣选工况需求，LHE112还配置了多种高度门架的叉车型号，用户可按实际工况选择最适合的叉车型号。

This control method can adjust the lifting speed according to the operator's input ratio, thereby reducing the shaking of the mast during the lifting process. This helps to improve the safety and comfort of working at height operations.



LHE112 1.2吨拣选车门架参数			1.2ton order picker mast data sheet						
三节全自由门架 3 stage mast with free lift									
型号	Model	LHE112-	6000	6500	7000	7500	8000	8500	9000
提升高度	lifting height	h3(mm)	6000	6500	7000	7500	8000	8500	9000
伸展最大高度	Maximum extension height	h4(mm)	8370	8870	9370	9870	10370	10870	11370
闭合门架高度	Closed mast height	h1(mm)	2784	2951	3118	3284	3451	3621	3788
自由提升高度	Free lifting height	h2(mm)	412.5	580.5	746.5	912.5	1080.5	1250.5	1416.5

