

Table with columns: 门架型号 Mast model, 最大起升高度 Max. lifting height, 承载能力, 门架总高, 自由起升高度, 整车自重, 货叉倾角. Lists models from ZSM460 to ZSM1250.

注: 不带挡货架时, 自由起升高度为: 4600至6300, 自由起升高度增加175mm, 其余高度增加25mm. Note: The free lift height is 4600mm-6300mm when the truck is not assembled with a backrest. The free lift height is 175mm increased and other height is 25mm increased.

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Diagram of mast and load curve graph showing Load Capacity (kg) vs. Load Center (mm). Includes text: 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背面计算起, 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。...

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

Table with columns: 特性 Character, 1.01 制造商 Manufacturer HELI, 1.02 型号 Model COD16, COD20, 1.03 配置号 Configuration number GB35 Li, GB35 Li, 2.01 轮胎类型 Type type 聚氨酯 Polyurethane, 3.01 标准门架起升高度 Lift height h3 mm 4600 4600, 4.01 行驶速度, 调空载 Travelling speed with/without load km/h 11/12 12/14, 5.01 整车自重 (含蓄电池) Total weight with battery kg 3460 3650.

HELI

充电机技术 Charger technology



- 高效: 大于95%充电效率, 符合节能减排要求。
快速: 最快2小时可完成100%全充电。
兼容: 48V/80V兼容, 满足不同电压等级需求。
安全: 内置防反保护, 具备失效自隔离功能。
High Efficiency: Charging efficiency higher than 95% meeting the requirements of energy saving and emissions reduction.
Speediness: 100% charging realized in 2 hours at the soonest.
Compatibility: 48V / 80V compatibility meeting the demand of different voltage levels.

标准配置 Standard configuration

- AC行走电机 AC travelling motor
AC起升电机 AC lifting motor
AC转向电机 AC steering motor
Innovation行走电机控制器 Innovation travelling motor controller
Innovation起升电机控制器 Innovation lifting motor controller
Innovation转向电机控制器 Innovation steering motor controller
电磁制动 Electromagnetic brake
DC/DC转换器 DC/DC converter
低噪声齿轮泵 Low noisy gear pump
四片阀 Control valve (four throw)
4600mm三节全自由门架 Integral sideshifter
整体式侧移器 Standard fork
箱泵架 Backrest
聚氨酯轮胎 Polyurethane tyre
LED测速仪表 LED meter
前工作灯 Front working light
警示灯 Warning light

选用装置 Optional device

- 其他高度三节全自由门架
其他长度货叉
货叉架
起升高度记忆
监控系统
锂电池充电机
颜色用户需求
Three-stage full free lift mast (other lifting height)
fork with other length
Fork extension
Lifting height pre-selector
Monitoring system
Battery charger
Customer made color



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Advertisement for Heli G2 series 1.6-2.0t lithium battery forklift. Includes image of the forklift, logo, and text: 1.6-2.0t G2系列座式前移式交流锂电池叉车 G2 SERIES LITHIUM BATTERY POWERED REACH TRUCK (SIT-DOWN TYPE). Includes company logo and slogan '始于1958'.

1.6-2.0t

LIION

G2系列座式交流锂电池前移式叉车 G2 SERIES LITHIUM BATTERY POWERED REACH TRUCK (SIT-DOWN TYPE)

G2 series / 智能·环保 INTELLIGENT ENVIRONMENT-FRIENDLY



整车优势 FEATURES OF THE COMPLETED TRUCK

三相交流电机技术 Three phase AC type motor technology

- > 行驶、提升和转向均采用三相交流电机控制
- > 强大的加速性
- > 变换行驶方向灵敏迅速无迟滞
- > 无碳刷的免维护电机寿命更长，维护费用更低，减速时进行能量回收，操作时间更长
- > Three phase AC type motor control on travelling, lifting and steering
- > Good acceleration
- > Fast and sensitive respond on travel direction shifting Free from maintenance motor without carbon brush having long service life and low maintenance cost
- > Energy regenerating during deceleration extending operation hours

全新的液压设计 Newly designed hydraulic system

- > 全新的液压设计，使液压系统的工作效率更高
- > 大功率的起升电机
- > MOSFET起升调速电控
- > 新型双分齿轮技术低噪音齿轮泵
- > Newly designed hydraulic system with high working efficiency
- > High power lifting motor
- > MOSFET lifting speed governing electric controller
- > New type low noisy gear pump

更加优化的智能型设计 Optimized intelligent design

- > Inmotion行走电机控制器
- > Inmotion起升控制器
- > Inmotion转向电机控制器
- > CAN总线技术
- > 主回路控制回路同时紧急断电
- > Inmotion travelling motor controller
- > Inmotion lifting motor controller
- > Inmotion steering motor controller
- > CAN bus technology
- > Emergency power off of both main circuit and control circuit
- > 坡度停车自动制动
- > 操作顺序保护
- > 行驶速度控制
- > 电控自保护
- > 提升高度预选（选配）
- > Parking brake on slope
- > Operation sequence protection
- > Travelling speed control
- > Electric controller self protection
- > Lifting height pre-selector (optional)

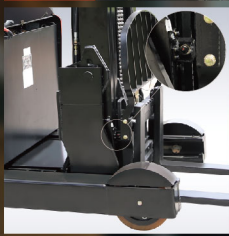
先进的EPS电子动力转向 Advanced EPS electric powered steering

- > EPS电子动力转向，为整车提供了轻便灵活，高效静音的操作
- > 转向电机控制器
- > 自动对中功能
- > 180度/360度两种转向模式，可实现实时切换
- > 转向自动限制时速和加速度

- > EPS electric powered steering offering easy, flexible, high efficient and mute operation
- > Steering motor controller
- > Automatic centering function
- > Real-time shifting between 180° steering mode and 360° steering mode
- > Automatic limit on speed and accelerated speed when steering

操作轻便的拇指开关 Easy operated thumb switch

- > 拇指开关可以控制所有液压功能
- > 操作部件功能明确且一目了然
- > 比例电磁阀控制下降动作，平稳舒适
- > To control hydraulic functions
- > Clear operating units
- > Proportional solenoid offering a stable and comfort lowering action



绿色环保 Environment Friendliness

- > 零排放 Zero emission
- > 低噪音 Low noise
- > 不含重金属 Free of heavy metals
- > 无漏液腐蚀 No corrosion
- > 无酸雾挥发 No acid mist volatilization

免维护 Maintenance Free

- > 无需补液、防尘 Unnecessary of fluid adding and dust proofing
- > 免日常维护 Daily maintenance free
- > 免人工保养 Manual maintenance free

长寿命 Long Service Life

- > 循环使用4000次容量保持75%以上
- > 同等应用场合，寿命远超越铅酸电池
- > 高性能锂电总成本5年或一万小时超长质保
- > Over 75% capacity reserved after 4000 shifts operation
- > Longer service life than lead-acid battery in equal working condition
- > 5 years or ten thousand hours quality guarantee for high performance lithium battery assembly

高效节能 High Efficiency and Energy Saving

- > 2小时充电可满足6-8小时作业使用
- > 高能密度，自放电率1%/月以下
- > 95%能量转换率，能源转换更高效
- > 可随时充电，操作简单，对电池寿命无任何影响
- > 电池无需更换，节省成本
- > 2 hours charging meet 6-8 hours working demand
- > High-energy density, self discharging rate lower than 1% per month,
- > 95% energy conversion rate superior charging and discharging performance
- > Flexible to charge, easy to operate, no impact on battery life
- > Unnecessary to change battery, cost saving



高安全 High Safety

- > 根据工业车辆特点，实现锂电池材料、电芯类型、PACK工艺以及系统电源管理的整车安全防护设计
- > “多节点安全闭环保护”实现车辆多状态实时闭环保护
- > 充电“锁扣确认”功能，有效避免“热插拔”操作
- > “全系统紧急断电”功能，达到车辆控制系统和BMS电源迅速切断，安全有效

- > According to the characteristics of industrial vehicles, it achieves safety protection design which includes lithium battery materials, battery core type, pack technique and system power management
- > "Multiple node safety closed circuit protection" realizing truck real time closed circuit protection in variable conditions
- > "Lock affirming" function during charging avoiding "hot connecting and disconnecting" operation effectively
- > "Whole system emergency button" to disconnect the truck control system and bms power quickly ensuring truck safety

适合高低温工作 Suitable for working in both high and low environment

- > 在-25℃至55℃之间高低温工作环境，锂电池较铅酸均具有良好的性能
- > Lithium battery is better than lead-acid battery when working between -25℃ and 55℃

合力锂电池叉车的优越性，更突出的体现在生命周期内使用成本上。与铅酸蓄电池叉车相比，锂电池叉车适合多班次场合，隐性成本低，整体运营成本更经济。

The superiority of HELI lithium battery forklift truck is embodied in the use-cost within product lifecycle. Compared with lead-acid battery forklift truck, lithium battery forklift truck is more convenient for multiple working shifts. It has lower implicit cost and more economical total running cost.

显性成本
Explicit Cost

隐性成本
Hidden Cost

售价
Explicit Cost

维护费用
Maintenance Cost

电费
Electricity Cost

锂电池电动叉车
Lithium Battery Forklift

售价
Explicit Cost

维护费用
Maintenance Cost

电费
Electricity Cost

更换电池费用
Battery Changing Cost

铅酸电池电动叉车
Lead-acid Battery Forklift

