

# 湖北凯力专用汽车有限公司

## Hubei Kaili Special Vehicle Co., Ltd

国家高新技术企业

National High-tech Enterprise

专精特新小巨人企业

Specialized, refined, and innovative small giant enterprise

湖北省制造业单项冠军

Hubei Province Manufacturing Single Champion

第一批湖北省 5G 全连接工厂

The first batch of 5G fully connected factories in Hubei Province



## 垃圾转运系列

## Garbage transfer series

压缩垃圾车

Compressed garbage truck

餐厨垃圾车

Kitchen garbage truck

车厢可卸式垃圾车

Removable compartment garbage truck

自卸式垃圾车

Dump garbage truck

无泄漏垃圾车

No leakage garbage truck

自装卸式垃圾车

Self-loading and unloading garbage truck

摆臂垃圾车

Swing arm garbage truck

密闭式桶装垃圾车

Closed barrel garbage truck

对接式垃圾车

Docking garbage truck

移动压缩垃圾站

Mobile compressed garbage station

## 产品介绍 Product Introduction

凯力风压缩式垃圾车是湖北凯力专用汽车有限公司在消化、吸收国内外先进技术的基础上，采用国内一线品牌液压电气件，自主研发设计的新一代环卫装备，使产品性能达到国内一线水平。该款压缩式垃圾车外形简洁、美观大方，性能优良，操控先进，为市面上最实用、最受欢迎的垃圾压缩转运产品。上装部分由密封压缩箱体、填装器、推铲、液压传动系统和电气控制系统组成，采用了久经市场检验的液压传动、电气控制和双向压缩技术，通过自动化控制系统，实现垃圾的倾倒、强力挤压、双向施压装填，具有压力大、密封性好、操作方便、安全稳定等优点，主要适用于市政环卫、企业工厂、建筑工地、小区物业、机关院校等地方生活垃圾的收集和转运。

Kaili Wind Compressed Garbage Truck is a new generation of environmental sanitation equipment developed and designed by Hubei Kaili Special Vehicle Co., Ltd. based on the digestion and absorption of advanced technology at home and abroad, using hydraulic and electrical components from top domestic brands, to achieve product performance at the forefront of China. This compressed garbage truck has a simple and elegant appearance, excellent performance, and advanced handling, making it the most practical and popular garbage compression and transportation product on the market. The upper part is composed of a sealed compression box, a filler, a shovel, a hydraulic transmission system, and an electrical control system. It adopts market tested hydraulic transmission, electrical control, and bidirectional compression technology. Through an automated control system, it realizes the

dumping, strong compression, and bidirectional pressure filling of garbage. It has the advantages of high pressure, good sealing, easy operation, safety and stability, and is mainly suitable for the collection and transportation of domestic garbage in municipal sanitation, enterprise factories, construction sites, residential properties, government institutions, and other places.



## Dongfeng D6 4X2 compressed garbage truck





## 产品实拍 Product Photograph



## 技术参数 Technical Parameter

项目 project	参数 parameter	备注 notes
整车型号 Vehicle model	KLF5071ZYSE6	
轴距 (mm) Wheelbase (mm)	3308	
发动机型号 Engine model	Q23-136E60/YCY24140-60	Diesel engine
发动机功率 (kw) Engine power (kw)	100/103	
外形尺寸 (mm) External dimensions (mm) 长 X 宽 X 高 Length X Width X Height	6605/6645/*2070/2090*2560,2650	
整备质量 (kg) Curb weight (kg)	5460,6005,5805	
总质量 (kg) Total mass (kg)	7360	
额定质量 (kg) Rated mass	1705,1160,1770,1225,1360,1425	
车辆容积 (m3) Vehicle volume (m3)	7	
操作方式 operating mode	电控/手动/遥控 Electric control/manual/remote control	
一次进料循环时间 One feed cycle time	12—25S	
卸料时间 Unloading time	≤60S	



## 产品优势 Product advantages

●箱体外观为圆弧流线性造型，四轴卷板机一次滚弧成型，杜绝了泄漏风险。简洁美观、抗变形性能强、结构可靠性好，同时有效增加实际积，超过同类产品，材质使用高强度锰钢板，不易变形，耐磨损，耐腐蚀性强。

The appearance of the box is a circular arc flow linear shape, which is formed by a four axis rolling machine in one roll, eliminating the risk of leakage. Simple and beautiful, with strong anti deformation performance and good structural reliability, while effectively increasing actual volume, surpassing similar products. The material used is high-strength manganese steel plate, which is not easy to deform, wear-resistant, and has strong corrosion resistance.

●整车配备的电气系统能实现发动机输出全自动控制，保证工作或其它工况状态下选择加速或怠速状态，减少功率损耗和故障发生率，降低耗油，更稳定更节能。

The electrical system equipped on the entire vehicle can achieve fully automatic control of engine output, ensuring the selection of acceleration or idle state under working or other working conditions, reducing power loss and failure rate, reducing fuel consumption, and making it more stable and energy-saving.

●智能控制系统采用进口 CAN 总线设计，模块化结构。通过接近开关和油压感应两种中方式结合，实现高效，稳定，易维护的压缩方案，具备手动、自动、半自动三套操纵方式，驾驶室内部、箱体前部、箱体后部均可操作并配备远程遥控器，可全方不同的作业环境方便高效。

The intelligent control system adopts an imported CAN bus design and a modular structure. By combining proximity switches and hydraulic pressure response, an efficient, stable, and easy to maintain compression solution is achieved. It has three sets of control modes: manual, automatic, and semi-automatic. It can be operated inside the cab, in the front and rear of the box, and is equipped with a remote control, making it convenient and efficient for different working environments.

●采用最新的外置油缸结构和双向压缩技术，通过国内国外一流品牌配件，实现压缩比超过 1:2.5，单次循环≤20 秒，达到了垃圾收集效率的成倍提升。

By adopting the latest external oil cylinder structure and bidirectional compression technology, and using first-class domestic and foreign brand accessories, the compression ratio exceeds 1:2.5, with a single cycle of ≤ 20 seconds, achieving a multiple improvement in garbage collection efficiency.

●最大程度考虑客户使用环境，人性化设计亮点多，带夜间照明灯，带双污水箱，带排水管，遥控器控制，操作维护手册及视频齐全。

Taking into account the customer's usage environment to the greatest extent possible, there are many highlights in humanized design, including night lighting, dual sewage tanks, drainage pipes, remote control, complete operation and maintenance manuals and videos.

●专人试车，模拟各种复杂工作环境，国内唯一一家压缩发车前实物测试。

Dedicated personnel test drive, simulate various complex working environments, and the only domestic compression pre departure physical test.

●售后保障，非客户人为损坏，任何故障无条件售后，客户零费用解决。

After sales guarantee, non customer induced damage, unconditional after-sales service for any faults, and zero cost solution for customers.

# 八大优势 Eight Advantages



1 数控激光切割, 工装精度保证  
CNC laser cutting, ensuring tooling accuracy;



2 智能机器人自动焊接, 安全可靠、密封性好  
Intelligent robot automatic welding, safe and reliable, with good sealing performance



3 顶尖涂装工艺, 上装电泳选择, 防腐防锈十年无忧  
Top coating technology, top electrophoresis selection, worry free anti-corrosion and rust prevention for ten years



4 模块化设计标准化生产结构件标配静电喷粉, 漆面光亮持久, 防潮防腐, 持久耐用; Modular design, standardized production of structural components, equipped with electrostatic powder spraying as standard, the paint surface is bright and long-lasting, moisture-proof and corrosion-resistant, and durable;



5 质量过硬, 物超所值, 超大容积、外置油缸、最高压缩比, 买到即赚到  
Excellent quality, value for money, super large volume, external oil cylinder, highest compression ratio, earning money immediately upon purchase



6 超高回购率, 只要用过不会错过, 粘性高信赖度强  
Ultra high repurchase rate, once used, won't miss out, high stickiness and strong trust



7 电控系统与国外技术团队合作研发, CAN总线控制, 相对于老款PLC更智能, 搭配光电感应系统, 标配遥控器, 性能更稳定, 使用更方便  
The electronic control system is developed in cooperation with foreign technical teams, with CAN bus control, which is more intelligent than the old PLC. It is equipped with a photoelectric induction system and a standard remote control, resulting in more stable performance and more convenient use



8 24小时全天候售后服务团队, 业内知名, 有口皆碑。Our 24-hour after-sales service team is well-known in the industry and has a good reputation.



## 尾部机构选择 Tail mechanism selection



挂桶翻转 Hanging bucket flipping



三角斗 Triangle bucket



大落地斗 Large floor bucket



摆臂垃圾斗 Swinging arm garbage bin



## 适用场景 Applicable scenarios



厂区垃圾收集

Garbage collection in the factory area



地下室垃圾收集

Garbage collection in basement



发电站垃圾收集

Garbage collection at power plants



工厂垃圾收集

Factory garbage collection



公园垃圾收集

Park garbage collection



街道垃圾收集

Street garbage collection



小区垃圾收集

Community garbage collection



乡镇垃圾收集

Township garbage collection



## 批量发车（部分）Batch departure (partial)





## 公司简介 Company Profile

凯力汽车集团是一家集高端智能环卫专用汽车、应急救援专用汽车研发生产与经营、环境科技应用、进出口贸易、智能配件销售、金融服务、二手专用车业务、资产管理、产业链投资于一体的集团公司，下辖湖北凯力专用汽车有限公司、湖北凯航汽车有限公司、湖北凯天环境科技有限公司、湖北佰思图汽车有限公司、湖北凯孜工贸有限公司、湖北经达智能科技有限公司、湖北威森博格液压设备有限公司、美城亿家环境产业有限公司、湖北凯航重工装备有限公司九家子公司。

Kaili Automobile Group is a group company that integrates the research and development, production, and operation of high-end intelligent sanitation and emergency rescue vehicles, environmental technology applications, import and export trade, intelligent parts sales, financial services, second-hand special vehicle business, asset management, and industrial chain investment. It has nine subsidiaries: Hubei Kaili Special Vehicle Co., Ltd., Hubei Kaihang Automobile Co., Ltd., Hubei Kaitian Environmental Technology Co., Ltd., Hubei Baisitu Automobile Co., Ltd., Hubei Kaizi Industry and Trade Co., Ltd., Hubei Jingda Intelligent Technology Co., Ltd., Hubei Weisenbog Hydraulic Equipment Co., Ltd., Meicheng Yijia Environmental Industry Co., Ltd., and Hubei Kaihang Heavy Industry Equipment Co., Ltd.



湖北凯力专用汽车有限公司是凯力汽车集团旗下全资子公司，拥有数控加工中心、焊接机器人、超高功率光纤激光切割机、拼板自动焊、数控液压剪板机、数控等离子切割机、包罐机、全自动数控管道折弯机、四轴卷板机、喷砂房、抛丸机、静电喷粉、电泳线、自动化压缩/勾臂生产线、洒水车标准化装配线等先进生产设备和生产线，拥有成熟的生产工艺与优秀的技术团队以及独立的产品研发中心。是一家集高端智能环卫、应急救援装备专用车研发生产、系统集成和运营服务于一体的制造企业。

Hubei Kaili Special Automobile Co., Ltd. is a wholly-owned subsidiary of Kaili Automobile Group. It has advanced production equipment and production lines, including CNC machining centers, welding robots, ultra-high power fiber laser cutting machines, panel splicing automatic welding, CNC hydraulic shearing machines, CNC plasma cutting machines, can wrapping machines, fully automatic numerical control pipeline bending machines, four axis rolling machines, sandblasting rooms, shot blasting machines, electrostatic powder spraying, electrophoresis lines, automated compression/hook arm production lines, sprinkler standardized assembly lines, etc. It has mature production processes, excellent technical teams, and independent product research and development centers. It is a manufacturing enterprise that integrates the research and development, production, system integration, and operation services of high-end intelligent sanitation and emergency rescue equipment specialized vehicles.

## 设备展示 (部分) Equipment display (partial)



洒水车标准化生产线  
Standardized production line for sprinkler trucks



标准化制罐线  
Standardized can making line



压缩自动化生产线  
Compression automation production line



电泳生产线  
Electrophoresis production line



喷粉车间  
Powder spraying workshop



智能机器人车间  
Intelligent robot workshop



烘烤一体房  
Baking integrated room



环缝自动焊  
automatic welding of circumferential seams



智能包罐机  
Intelligent can wrapping machine



自动焊接机器人  
Automatic welding robot



光纤激光切割机  
Fiber laser cutting machine



数控折弯机  
CNC bending



激光切割机  
Laser cutting machine



自动焊接机  
automatic welding machine



四轴卷板机  
Four axis rolling machine



## 企业荣誉 (部分) Corporate Honors (Part)



国家高新技术企业



湖北省专精特新“小巨人”企业



湖北省制造业单项冠军企业



湖北省上云标杆企业



第一批湖北省5G全连接工厂



湖北省智能制造试点示范企业



湖北省优势商标企业



第十六届守合同重信用企业



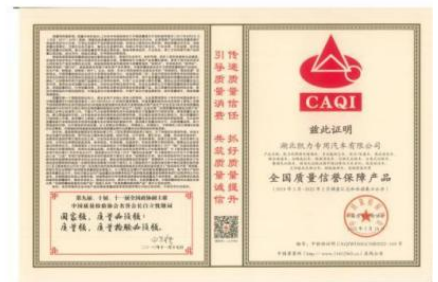
湖北省试点示范企业



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全国环卫装备行业质量领先企业



全国质量信誉保障产品

# 售后服务 after-sale service

## 一站式服务流程 One stop service process



100%

### 1000 人的强大团队 A strong team of 1000 people

一千多名销售人员为您提供产品价格咨询、技术支持和专业服务

More than a thousand salespeople provide you with product price consultation, technical support, and professional services

100%

### 一对一咨询服务 One on one consulting service

提供专业的一对一（顾问式）销售服务、（管家式）上门运输服务、（保姆式）指导和运营服务，购车使用全过程无忧

Provide professional one-on-one (consultant style) sales services, (butler style) door-to-door transportation services, (nanny style) guidance and operation services, worry free throughout the entire process of buying and using a car

100%

### 7X24 小时周到服务 7X24 hour thoughtful service

为客户提供专业、高效、全面的 24 小时全年售后服务

To provide customers with professional, efficient, and comprehensive 24-hour year-round after-sales service

