



YAOBANG ENV INDUSTRIAL GROUP
CO., LTD

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YAOBANG ONLY LIVES FOR GREEN

YAOBANG ENV

HUBEI YAOBANG ENV INDUSTRIAL GROUP CO., LTD

Shared responsibility with society

Share value with customers

Share achievements with employees

YAOBANG ONLY LIVES FOR GREEN

5A

Comprehensive Environmental Industry Group

Full scene Full category Fully intelligent The entire process Full disposal

Goals and Dreams

Implement "Made in China 2025" and implement the national intelligent manufacturing demonstration project;

Focus on 'Healthy China 2030' and strengthen the green and shared health environment industry.

Corporate Vision

Becoming the most competitive and socially influential private environmental group company in the industry



PRAGMATIC

CONCENTRATE ONE'S ATTENTION ON

INNOVATION

WIN-WIN

MAIN BUSINESS



YAOBANG · ONLY LIVES FOR GREEN



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ABOUT YAOBANG ENV



INTRODUCTION OF YAOBANG

Hubei Yaobang Environmental Industry Group Co., Ltd (hereinafter referred to as Yaobang ENV), with registered capital of 118 million RMB, total assets of over 3 billion RMB and more than 6,000 employees. The company has more than 50 first-class senior expert consultants and more than 200 professionals in product development, project management, environmental protection technology services and other types of talents. It has 3 wholly-owned subsidiaries, 11 branches and several project operation centers. The company is headquartered in Suizhou City, Hubei Province, which is known as "the throat of Hanxiang", "the pearl of northern Hubei" and "the capital of special vehicles".

In recent years, Yaobang ENV has undergone strategic transformation and upgrading, and has entered the field of environmental industry chain with high starting point and big pace. This has formed several business sections with sanitation equipment manufacturing, sanitation market services, intelligent sanitation, waste classification, sewage treatment and waste resource utilization as the core.

With strong technical strength, scientific management methods, advanced production technology and strict quality control system, the company aims to build a global first-class professional sanitation equipment research and development and production base. The company adheres to the business philosophy of "sharing responsibility with society, sharing value with customers and sharing achievement with employees" and insists on the business policy of "pragmatic, focused, innovative and win-win", focusing on environmental sanitation. It spares no effort to improve the level of product innovation and research, manufacturing and marketing services. The company insists on the tenet of "what the people want and what the country needs", concentrates its efforts and strives to become the most competitive and socially influential private environmental group company in the industry, as well as to achieve the ambitious goal of "shining my China and building the world".



total assets

30⁺



senior expert

50



staff

6000



project management

200 余人



PLANNING AND FUTURE



2014-2015



2016-2020



2021-2025



2026-2030



2031-2035

Early stage of establishment

Focus on "environmental protection" and "recreation and health", and set up the Sanitation Industry Division.

We will concentrate on the sales of sanitation equipment and build a national sales and service network.

Stable development period

Independent research and development, independent production, independent sales, and successful layout of the national service marketing network. Build a market-oriented service platform for sanitation, and steadily enter the whole industrial chain service field of sanitation.

High speed development period

Yaobang ENV Group's headquarters base was completed, and the production bases of each molecular company were put into full production. Sanitation operation projects and engineering construction and end-processing projects rapidly occupied the national market, and the group structure was perfected to build a comprehensive environmental protection platform.

Resource integration period

Yaobang Environment · Rongchuang e-finance project, Internet of Vehicles data service, AI intelligent sanitation equipment field, integration of industry and finance, achieving complementary advantages within the industry and coordinated development within the region.

Strategic upgrade period

Build a socialized health and wellness project base that integrates residential, medical, cultural, sports, and tourism, layout a smart big health platform that integrates "health, entertainment, tourism, and medicine", and form a high-end medical and wellness tourism characteristic real estate complex with distinct industrial characteristics and rich cultural heritage.



PRODUCTION BASE



HUBEI YAOBANG ENV INDUSTRIAL GROUP CO., LTD



Yaobang ENV built a professional sanitation equipment production and sales platform in Suizhou, Hubei in 2014, and constructed the most complete equipment product line covering garbage collection and transfer vehicles, road cleaning vehicles, New Energy Sanitation Vehicles, garbage transfer station equipment and special equipment and emergency equipment, which is the earliest group of pioneers and forerunners in sanitation in China. It is the pioneer and forerunner in the field of sanitation in China.

INTELLIGENT SANITATION EQUIPMENT PRODUCTION BASE



Ltd. was established in Yangquan, Shanxi Province, and invested in the construction of "intelligent sanitation equipment production project". The first phase of the project mainly produces and sells intelligent sanitation equipment, including intelligent garbage sorting equipment, garbage sorting and collection equipment, garbage sorting and processing equipment, kitchen and food waste terminal processing equipment, construction waste resource utilization equipment, etc. The second phase of the project mainly produces and sells municipal and rural sewage treatment equipment, leachate treatment equipment, other garbage resource utilization equipment, solid waste and garbage mini-incineration equipment, etc., with an annual output of 15,000 units/sets of intelligent sanitation equipment after reaching production.

SANITATION VEHICLE ANDEQUIPMENT PRODUCTION BASE



Shanxi Yaobang ENV Equipment Engineering Co., Ltd. With registered capital of 100 million yuan, located in Zuoyun County, Datong City, Shanxi Province, it is dedicated to sanitation equipment manufacturing, sanitation market services, waste classification, sewage treatment and waste resource utilization. The project is a national high-tech enterprise, a provincial and municipal key project, and the company has also been awarded as a special enterprise in Shanxi Province. Its main business involves the research and development, production and sales of sanitation vehicles (including new energy vehicles), sanitation equipment, garbage classification and sanitation market operation, as well as other sanitation engineering services. The production base covers an area of 145,000 square meters, and the annual output of sanitation vehicles and equipment can reach 7,400 units/sets after production.

GROUP HONOR

As one of the professional sanitation equipment brands, the company's road sweeping and cleaning service enterprise qualification evaluation standard is assessed as (national level). The company has also obtained the first-grade certificate of cleaning industry enterprise, national grade qualification certificate of landscaping maintenance service enterprise (national grade), AAA grade contract and trustworthiness certificate, national grade qualification certificate of garbage sorting service enterprise (national grade), national grade qualification certificate of intelligent sanitation operation service enterprise (national grade), ISO27001-information security management system The certificates of ISO27001 Information Security Management System, Social Responsibility Management System, and Quality, Environment and Occupational Health System.Yaobang molecular companies also won the honorary titles of

"National High and New Technology Enterprise", "Specialized and New Enterprise", "Shanxi May Day Labor Certificate", "Excellent Dedication Unit for National Health City Creation", "Excellent Unit for Urban Sanitation Work", etc. ution Unit for National Health City Creation Work", and "Excellent Unit for City Appearance and Environmental Sanitation Work".



PRODUCT INTRODUCTION



HYDROGEN ENERGY SANITATION VEHICLE

- Hydrogen fuel sprinkler
- Hydrogen fuel dust suppression vehicle
- Pure electric washing and sweeping vehicle
- Pure electric compressed garbage truck
- Pure electric cleaning vehicle
- Small pure electric sanitation vehicle
-

ROAD CLEANING VEHICLE

- Vacuum truck
- Wet and dry cleaning vehicle
- Road sweeper
- Deep cleaning vehicle
- Multifunctional sprinkler
- Multifunctional dust suppression vehicle

GARBAGE COLLECTION AND TRANSFER VEHICLES

- Compression type garbage truck
- Hydraulic Lifter Garbage truck
- Sealed self dumping garbage truck
- Side mounted compressed bucket garbage truck
- Compressed docking garbage truck
- Bucket garbage transport vehicle
- No leakage, hanging bucket garbage truck
- Kitchen waste truck
- detachable container garbage collector

WASTE COMPRESSION TRANSFER STATION EQUIPMENT

- Mobile garbage transfer station
- Buried lifting garbage compression station
- Horizontal garbage compression station

WASTE CLASSIFICATION EQUIPMENT

- Intelligent garbage classification service station
- Intelligent garbage sorting equipment
- Point exchange machine
- Garbage sorting and collection booth/bucket
- Garbage classification and collection room

HYDROGEN ENERGY SANITATION VEHICLE



Hydrogen fuel cell cleaning vehicle



Hydrogen fuel cell sprinkler

NEW ENERGY SANITATION VEHICLE



Pure electric multifunctional dust suppression vehicle



Pure electric washing and sweeping vehicle



Pure electric compressed garbage truck



Pure electric cleaning vehicle

Small pure electric sanitation vehicle



ROAD CLEANING VEHICLE



Cleaning and sweeping vehicle



Road sweeper



vacuum sweeper



High pressure cleaning vehicle



Multifunctional dust suppression vehicle



watering lorry



Sewage suction truck



Clean the suction truck



Fecal suction truck



Joint dredging vehicle

GARBAGE COLLECTION AND TRANSFER VEHICLES



Compression garbage trucks



Leakage free compressed garbage truck



Side mounted bucket garbage truck



Docking type dump garbage truck



Sealed bucket garbage truck



Sealed self dumping garbage truck



Kitchen waste truck



Hook arm garbage truck

LOGISTICS SUPPORT AND RESCUE EQUIPMENT



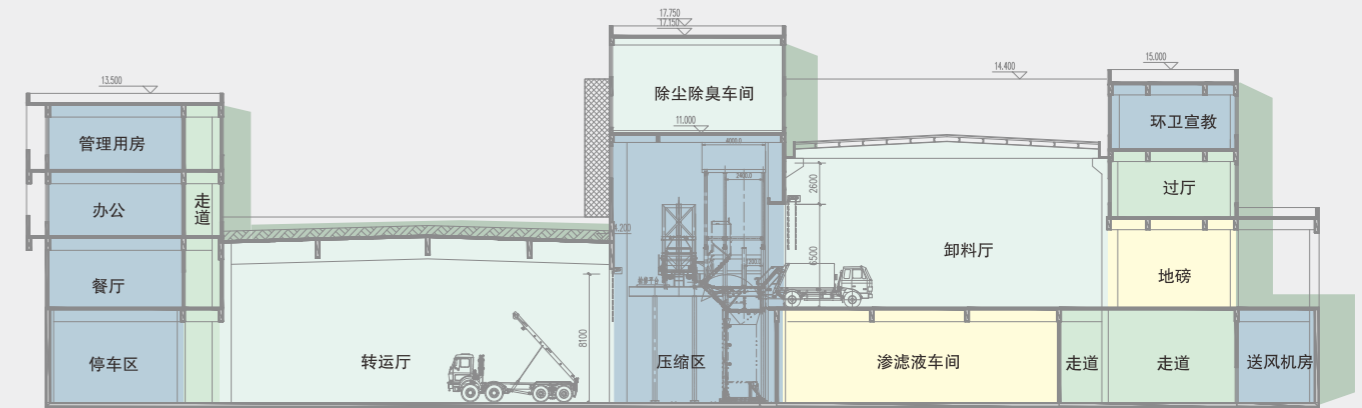
Snow removal equipment



a water tender



ambulance



Large garbage compression and transfer station

WASTE COMPRESSION TRANSFER STATION EQUIPMENT



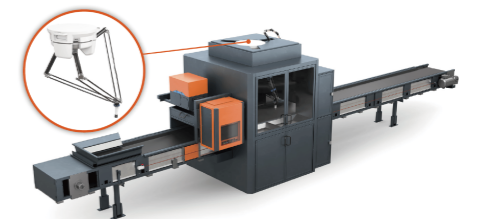
Mobile joint compression box



Horizontal garbage transfer station



Buried lifting garbage compression station



Garbage sorting equipment

WASTE CLASSIFICATION EQUIPMENT

1. Garbage weighing
2. Intelligent delivery device
3. Convenient delivery lighting
4. QR code scanning function
5. Face recognition function
6. Speech recognition function
7. 43 inch multimedia central control system
8. Full load warning and warning
9. Point redemption function
10. LED rolling advertising system



43 inch four classification intelligent garbage sorting equipment



Two classification intelligent garbage classification equipment



Four classification intelligent garbage classification equipment



Intelligent garbage classification and collection room



Intelligent garbage classification and collection room



Garbage classification and collection room



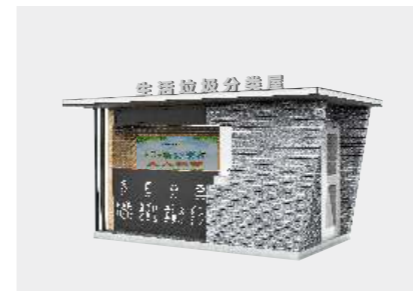
Six classification intelligent garbage classification equipment



Four classification intelligent garbage sorting bins



Two classification intelligent garbage sorting bins



Garbage sorting and collection booth



Antique Garbage Pavilion



Four classification garbage bins



Intelligent garbage sorting and collection booth



Point exchange machine



Intelligent garbage classification service station



Iron trash can



Plastic trash can



Galvanized sheet garbage bin

SANITATION SERVICES

Yaobang ENV has been awarded the first place in the industry for many times for each operation project.

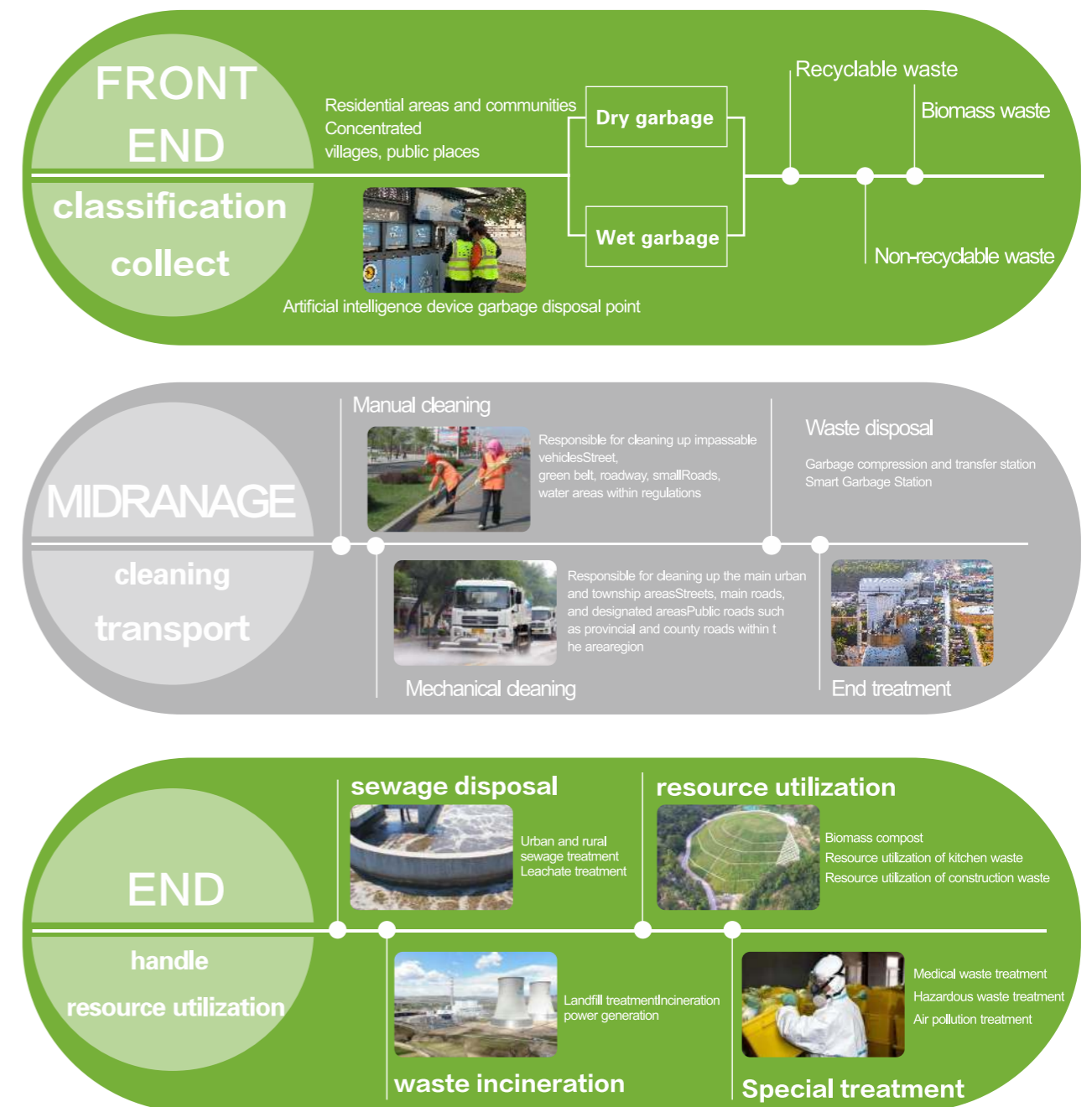
● ● ● ● ● INTEGRATED SANITATION OPERATION SERVICE

- 1** Integrated sanitation operation services, building municipalities with integrated service industry chain

It takes urban and rural sanitation as the core, and laterally develops a large municipal management service industry chain covering garbage classification, property management, gardening and road greening, municipal road management and maintenance, public toilet management and maintenance, water treatment, solid waste treatment and other businesses.
- 2** Realize the whole life cycle management of domestic waste

This forms a vertical industry chain advantage from garbage classification, sanitation cleaning, garbage collection and transfer, incineration and power generation, sanitary landfill, leachate treatment to fly ash treatment, from source to terminal treatment.
- 3** Docking big data + intelligent municipal management platform

Relying on the Internet of Things, mobile Internet and big data-related technologies, the company intelligently manages people, vehicles, things and things involved in urban and rural sanitation management and connects to the smart municipal network, providing the required services for managers and operators in the form of cloud services at any time.



SMART SANITATION





Garbage sorting intelligent system

智Intelligent garbage classification overall solution, using the Internet of Things, Internet integration technology, to achieve the source of garbage put traceable. It mainly consists of operation service + three major hardware devices (point exchange machine, intelligent garbage classification box, intelligent garbage classification recycling box) + cloud service platform + WeChat platform. Its basic principle is to establish a real-name system with one code per household through QR code, GPS and IC card technology, and to implement garbage sorting and recycling through intelligent technical means, so that garbage can be reduced, resourceized and harmless.

- big data analysis
- Information Delivery
- Redemption of goods
- USER
- personnel management

- equipment management
- account
- Monitoring management
- Equipment cleaning and transportation

Yaobang ENV intelligent cloud platform

Yaobang intelligent sanitation cloud platform is built based on vehicle networking and Internet of Things technology, through sensing devices loaded on vehicles, personnel and sanitation facilities to solve the pain points of sanitation operation, and help customers manage and operate sanitation projects more easily, at lower cost and more efficiently according to different needs, around "six elements" and "five main lines", "Five main lines", "four goals", to create greater value for customers.

- people**: Realize functions such as personnel positioning, attendance, homework trajectory, and homework planning, improve personnel management efficiency, and reduce labor management costs
- car**: Real time monitoring of vehicle location, operational status, operations, and safety anomalies
- matter**: Standardize the closed-loop process of reporting, dispatching, handling, verifying, and working on environmental sanitation incidents, and improve the efficiency of handling sanitation incidents
- object**: Standardize the process of material entry, exit, and allocation, monitor the status of warehouse materials in real-time, improve material utilization, and ensure the safety, completeness, and timely supply of materials
- energy consumption**: Realize refined management of energy consumption, record abnormal changes in fuel volume and change time, identify high-energy vehicles within the enterprise, and reduce energy consumption usage costs
- communicate**: APP, service number, SMS, phone, intercom multi-channel integrated communication to ensure timely response and handling of environmental sanitation incidents



SOLUTION

Waste separation solution

Integrated urban and rural sanitation solutions

Rural household waste management program

Kitchen and food waste resource utilization solutions

Wastewater treatment solutions

WASTE CLASSIFICATION SOLUTION

Yaobang ENV proposes and establishes the three systems of "sorting and disposal, sorting and transfer, and sorting and terminal treatment", supported by sorting and sanitation equipment, improving the construction of sorting infrastructure, and strengthening the effective supervision of the whole sorting process.

Yaobang ENV advocates the "integration of two networks", i.e., the effective connection and integration of two system networks, namely urban sanitation collection and transportation and recycling, to break through the shortcomings of the effective synergistic development of the two networks. It promotes the integration of sanitation transportation and recycling material transportation resources, and realizes the sharing of waste collection and transportation system and recycling resource logistics line.

Service process and business system diagram



● ● ● INTEGRATED SOLUTION OF MUNICIPAL URBAN AND SANITATION

Yaobang ENV integrates its own resources, forming a complete closed loop of upstream and downstream industry chain from waste classification management to road sweeping and transfer, providing one-stop urban (township) integrated environmental service solutions, which helps local governments achieve sanitation market-oriented reform, with services covering manual sweeping and cleaning of urban and rural back streets and alleys, flowerbeds, tree cavities, green belts, public toilets and pedestrian bridges, as well as Mechanical sweeping, watering and dust reduction, all kinds of garbage collection and transfer.

 Love Station	
 Road cleaning	
 Public toilet cleaning	
 refuse classification	
 Garbage removal	 
 Clean up small advertisements	
 Sprinkling water to reduce dust	 
 Disinfection and sterilization operation	
 Low pressure cleaning	
 Garden maintenance	
 Transfer station disinfection and sterilization	



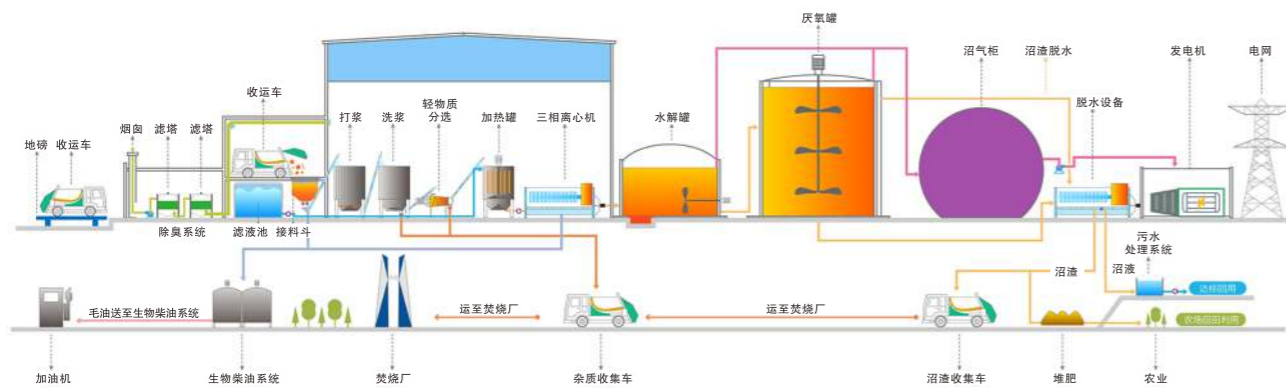
● ● ● Rural household waste management program

Yaobang ENV is committed to fully cooperate with local governments to promote the "three revolutions" of rural garbage, sewage and toilet environment, improve the rural domestic garbage collection and disposal system, promote the classification and resource utilization of rural domestic garbage, and actively promote the construction of beautiful countryside to a new level, which also includes solid promotion of rural domestic garbage classification Treatment of source reduction, recycling, capacity enhancement, system construction, civilization and other special services.

● ● ● Kitchen and food waste resource utilization solutions

Kitchen waste treatment program is "pretreatment + anaerobic digestion". It adopts the treatment process of "receiving + sorting + grit removal + slurry heating + oil extraction". The food waste is unloaded into the receiving hopper from the collection truck, and then transported to the automatic sorting system after draining, in which the plastic, metal and other debris are effectively separated out, and the food residue enters the heating and solid-liquid separation system, finally forming organic slurry and inorganic solid residue. The inorganic solid residue is transported out for harmless disposal; the organic slurry is then desanded and deslagged, and then heated again to enter the oil extraction system to extract the gross oil; the remaining organic liquid phase enters the anaerobic system, or is separately used for resource utilization. The anaerobic system fermentation produces biogas, and after purification, it can be directly used for resource utilization, such as for boiler, power generation or purification.

Kitchen waste treatment process flow



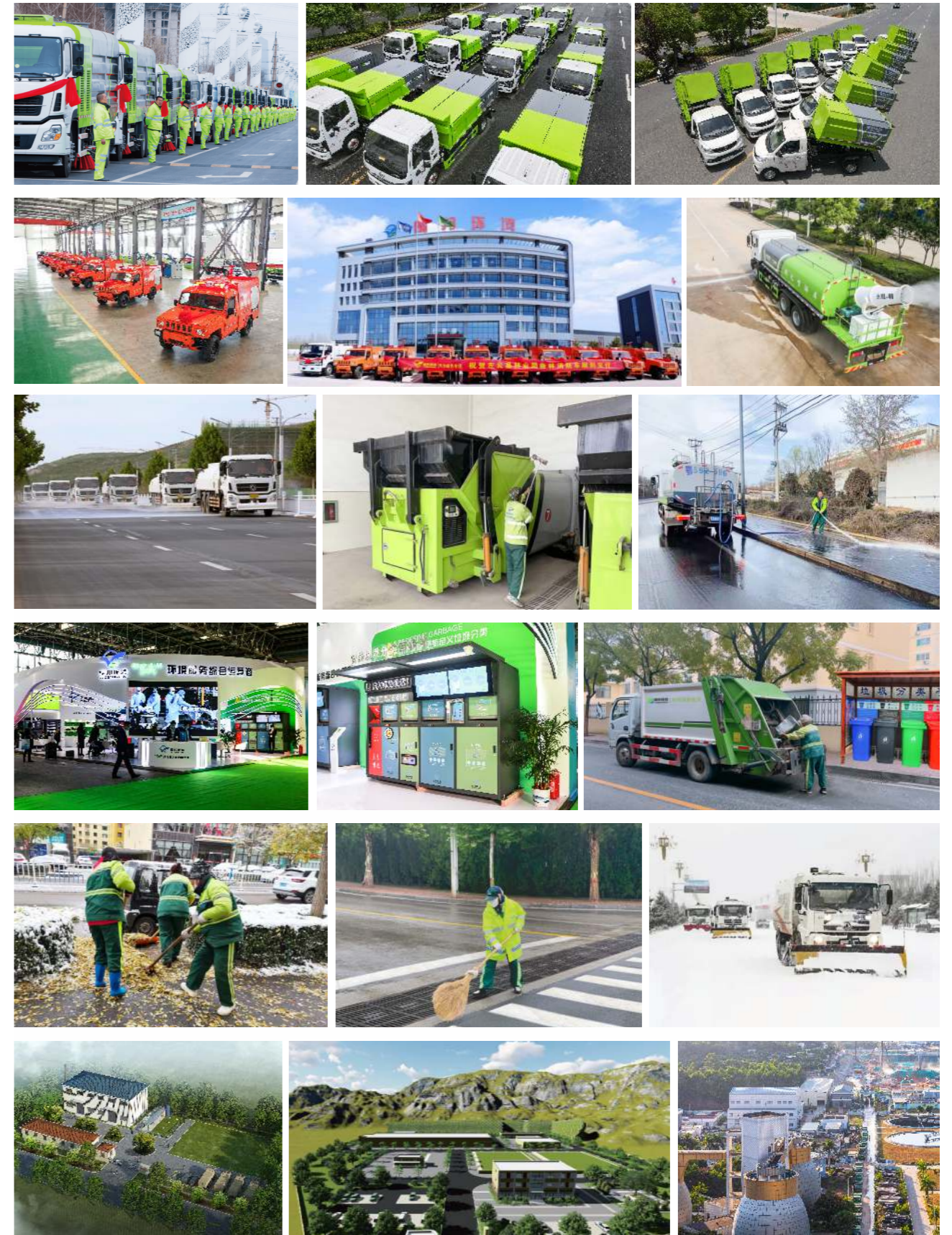
● ● ● Wastewater treatment solutions

Yaobang ENV uses physical, biological and chemical methods for tertiary treatment of production and domestic wastewater. It removes remaining pollutants from water by nitrogen and phosphorus removal, coagulation and sedimentation, sand filtration, activated carbon adsorption and ion exchange and disinfects with ozone or chlorine to kill bacteria and viruses. It then feeds the treated water into the water pipeline as a source of water for flushing toilets, watering green belts, industrial water, fire prevention, etc.

Rural Distributed Sewage Treatment Flow Chart



SERVISCE CASE



QUALITY SERVICE

5A^级 ONE STOP SERVICE

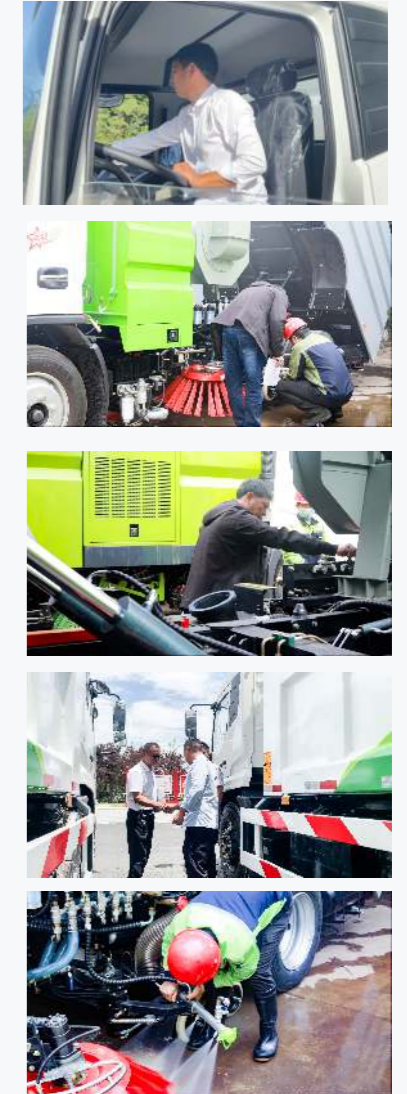
Yaobang Environmental after-sales service adheres to the service tenet of "professional service, customer first" Sincerely provide customers with "5A level one-stop service" Customer satisfaction is our standard of work




WARRANTY SERVICE

① From the date of acceptance, the warranty period for the entire vehicle and equipment shall not be less than 1 year. We provide on-site free return and exchange, on-site maintenance, replacement of spare parts, technical support, and other services. After the equipment is delivered for use, we promise to provide lifelong technical services. If the service cannot be fulfilled in a timely manner and affects the buyer's use, we are responsible for providing backup vehicles for the customer to use, ensuring that it does not affect their daily work and operation.

② The vehicle chassis and engine shall comply with the national three guarantees policy. We will implement nationwide unified joint warranty, and our company will fully cooperate with users to establish close contact and provide timely warranty services at local or nearby authorized repair stations, ensuring that vehicles and equipment can be quickly, timely, and well handled.




 Pre-sales - training delivery

Pre-sales is provided by professional engineers with equipment drawings and remote training, and professional staff can be sent to the construction site for technical guidance.

 During sale - regular return visit

Free installation, testing, maintenance and operation training courses are regularly opened in the sale, and no less than 4-5 operators are trained for users on site free of charge. Customer feedback to do a detailed registration, to take advantage of the strengths and weaknesses to optimize product quality.

 On-sale - patrol inspection /maintenance/tracking

After-sales annual user survey team composed of four departments: technology, production, service and quality, to conduct no less than 1 on-site technical guidance and service.

24H HPUR
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Departure footprint throughout the country



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