



Guangdong Wijay Material Automation System Co., Ltd

Enterprise Qualification

Wijay Public Account



Wijay wechat video number



Headquarters building: No.41, International Financial Innovation Park, Songshan Lake, Dongguan City, Guangdong Province
Hong kong office address: Room 1911, Lee Garden One, 33 Hysan Avenue, Causeway Bay, Hong Kong
European Office Address: 8 C Groenichana Avenue, Ploologgis District, Wroclaw City, Poland
R & D center address: Building 31, 6th Floor, International Financial Innovation Park, Songshan Lake, Dongguan City, Guangdong Province
Dongguan Production base: No. 1, Zhushan Zhuyuan Road, Dalang Town, Dongguan City, Guangdong Province
Hunan production base: No. 46 Furong Road, Xinhua Development Zone, Zhenxiang district, Hengyang City, Hunan Province
HTTP: www.wijaygroup.com MAIL: wijay@wijaygroup.com TEL: 0769-22505696 83280060

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Company Profile

Welcome to Wijay Material Automation System Co., Ltd., a leading high-tech enterprise specializing in material automation and central feeding systems. With over 12 years of experience, we have a proven track record in planning and constructing production lines for industries such as food, plastics, chemicals, and green energy.

Our headquarters, located in the International Financial Innovation Park in Songshan Lake, Dongguan City, Guangdong Province, house a state-of-the-art 2,000m² technology R&D center and a production base spanning over 40,000 square meters.

Adhering to the design philosophy of “Minimalist Design, Extreme Reliability,” Wijay provides comprehensive services—from production line planning and whole-plant automation system design to equipment R&D, core component manufacturing, and full production line installation and commissioning.

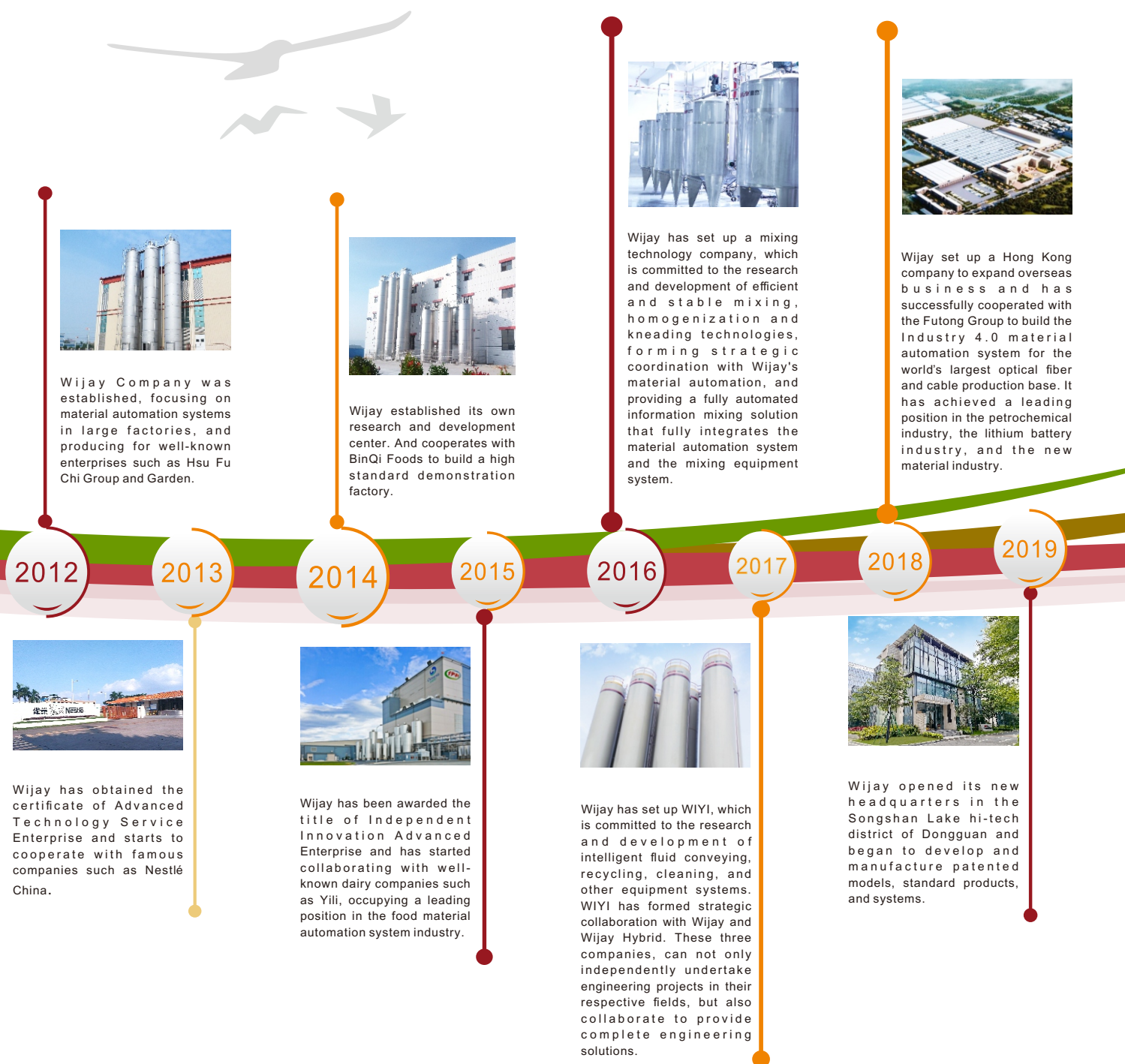
The company has independently developed more than 100 patented inventions and software copyrights, and holds certifications including ISO 9001, ISO 14001, and Intellectual Property Management System. In collaboration with Zhejiang University of Technology, Wijay continues to drive innovation in the field.

According to the “2022–2028 Global and China Automatic Central Feeding System Market Report” by QYR Research, Wijay ranks among the top global manufacturers of central feeding systems. In 2022, the Guangdong Electronic Information Industry Association reported that Wijay holds a 15.2% market share in China’s material automation systems sector, reflecting the company’s high visibility and influence both globally and domestically.

Choose Wijay for cutting-edge material automation and central feeding systems designed to drive success in your industry.



Our History



corporate culture



WIJAY CULTURE

WIJAY ORIENTATION

FIRST PLACE IN MATERIAL AUTOMATION SYSTEMS

WIJAY PHILOSOPHY

MINIMALIST DESIGN EXTREME RELIABILITY

WIJAY TENET

INNOVATION CREATES CLIENTS ENGINEERING CREATES THE WORLD

WIJAY VISION

THE PREFERRED SYSTEM SUPPLIER FOR WORLD-CLASS ENTERPRISES

WIJAY VALUES

PURSUIT OF EXCELLENCE

ATTENTION TO DETAIL

SERVICE ORIENTED

ACTING IN GOOD FAITH

Certificate of Incorporation

Wijay insists on quality and service as the life of the enterprise, insists on reform and innovation to ensure that the enterprise is always full of vitality, and has been recognized by all sectors of society.



Core Business

The business of Wijay is mainly involved in the automation process of powder particles, granules, and fluids. Powder and granule processing systems typically include equipment for unpacking, feeding, warehousing, unloading, grinding, screening, drying, metal detection, transportation, and metering. Fluid material systems typically include equipment for tank entry, storage, discharge, filtration, mixing, homogenization, metal detection, temperature regulation, transportation, and metering.

Most of the clients served by Wijay are globally renowned top enterprises. The solutions provided by Wijay are of excellent quality and highly reliable, ensuring both cost and quality advantages of your products.

As a pioneer in the Chinese automation industry, Wijay has developed into a privately owned enterprise that integrates research and development, design, manufacturing (core components), trade, and engineering services. Wijay utilizes advanced technology to help customers across the country achieve innovative projects and makes a commitment to "appropriate design" and ensuring a "stable system" for every WIJAY solution.



The powder processing system usually includes equipment for unpacking, feeding, warehousing, unloading, coloring, screening, cooling, drying, conveying, and metering.

Fluid material systems typically include equipment for tank entry, storage, discharge, filtration, mixing, homogenization, metal detection, temperature regulation, transportation, and metering.

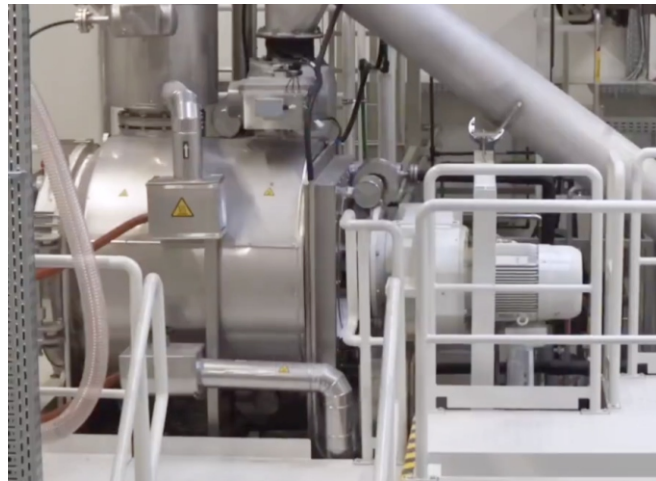
Whether you are producing raw materials or processing material formulas, our automated conveying solutions are scientifically sound and highly reliable, ensuring the cost effectiveness and quality advantages of your products.

A centralized material supply system can make the management of numerous materials simple and efficient.



Battery recycling treatment system of an intelligent manufacturing company in Sichuan

The customer is a company specializing in battery recycling and treatment systems. After the waste batteries arrive, they are tested and deeply discharged, and then disassembled to the size of the battery module. They are crushed into granules, then dried, and the electrolyte is discharged. After screening, valuable lithium, nickel, manganese, diamond, and graphite are re-extracted for further sorting by the magnetic separator. Nonmagnetic materials are separated and all materials are classified into three categories: "black powder", copper and aluminum, and plastic. The "black powder" will then be separated into raw materials and used to produce new batteries.



A new energy high-end anode material project with an annual output of 200,000 tons of lithium batteries in Gansu

Wijay's innovative design of the low-temperature pre-carbonization pneumatic conveying system involves using positive-pressure dilute phase and negative-pressure vacuum feeding processes based on the distance between the raw material point and the point of use.

This system enables the positive-pressure dilute phase conveying of transition materials from six transition material silos in the low-temperature pre-carbonization workshop to four raw material silos in the graphitization workshop 180 meters away, with a conveying capacity of 4 tons per hour for each line. It also simplifies the process of conveying coated granulated anode powder and ton-bag unpacking machine discharge material to the pre-carbonization kiln.

The centralized control information system of the project allows clients to analyze real-time storage levels of materials, material consumption data, and energy consumption. Managers can monitor system operations and data anytime via computers or mobile devices.

By implementing Wijay's patented technology and innovative design solutions, the project has saved the client a significant amount in investment costs and operational expenses while greatly increasing production output.



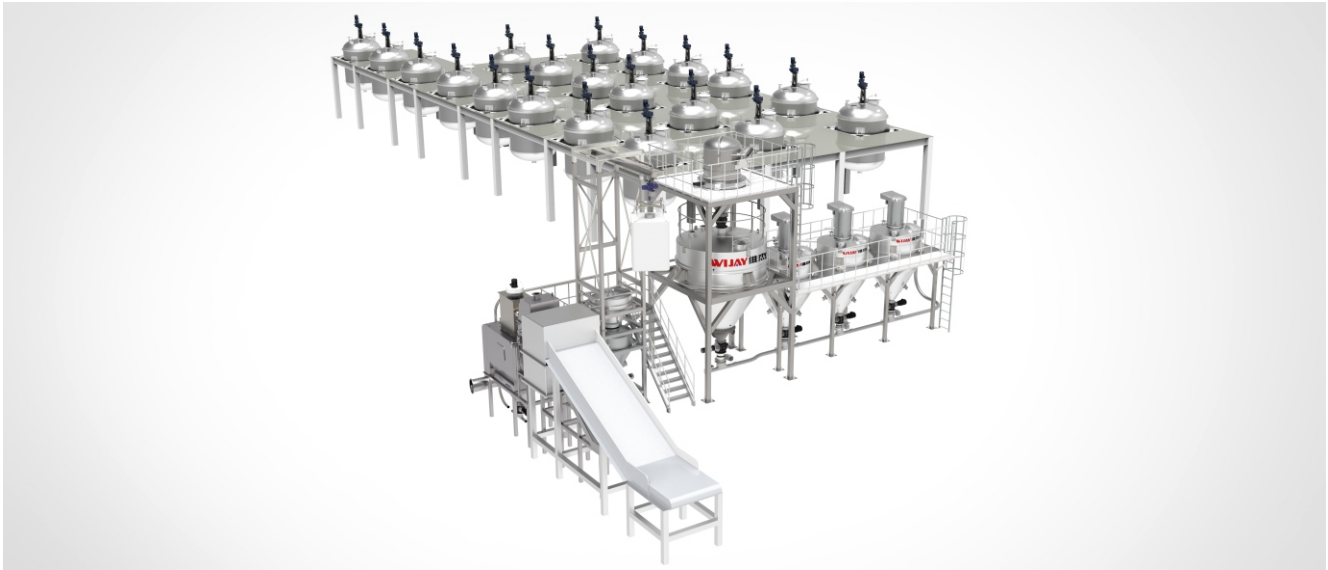
A cathode material pneumatic conveying system project

The customer is a leading enterprise in the production of nano-lithium iron phosphate, carbon nanotubes (CNTs), carbon nanotube conductive liquids and other materials. The project adopts advanced pneumatic conveying technology to transport the cathode material after mechanical grinding to the designated position through the pipeline, so as to realize the automatic and continuous production of the material. The system adopts efficient airflow control device to ensure the stable and fast flow of materials in the pipeline and improve production efficiency. The pneumatic conveying method reduces dust pollution, reduces energy consumption, and meets environmental protection requirements. Achieve reduced production costs, optimize product quality, and enhance the market competitiveness of customers.



A carbon nanotube automatic batching system project in Jiangxi

The customer's production process is stirred in the reactor according to a certain ratio of the main materials and auxiliary materials, and the system we designed realizes the dust-free unpacking of the main materials and auxiliary materials, the automation of material transportation, the formula weighing and the refinement of weighing accuracy, etc., reducing the customer's personnel costs, and presetting the formula program in the central control system (a variety of formula programs can be preset), one-key calling, and the material can be monitored in the control room to control the production steps and sequence, so as to realize the digital factory.



An anode material integration base project in Sichuan

The customer is an annual output of 200,000 tons of lithium battery anode material integration base project, settled in Sichuan Pengshan Economic Development Zone, with a total investment of 10 billion yuan, the project is a Shanghai customer lithium battery investment base project in the southwest region, after the completion of the project, it is of great strategic significance to improve the company's leading position in the anode industry, is expected to achieve an average annual tax of 500 million yuan, create more than 2,500 jobs, and will become the industry's single production capacity, process technology are leading lithium battery anode factory. The project is an integrated base project with an annual output of 200,000 tons of lithium battery anode materials. Our company is responsible for the transportation of the coke, calcined coke crushing and post-treatment system and the green coke and calcined coke fine powder treatment system of the project. The coke crushing post-processing system consists of 9 production lines, and the production lines are: mobile silo - negative pressure conveying - transit silo - metering silo. The post-coke crushing post-treatment system consists of 3 production lines, and the content of the production line is the same as that of the post-coke crushing treatment line. There are a total of 12 production lines of green coke and calcined coke crushing and post-processing systems, each with a conveying capacity of 8 tons/hour, of which the farthest negative pressure conveyor line has a conveying distance of 380 meters, which is the first negative pressure conveying case of more than 300 meters in the field of anode materials. The fine powder processing system for green coke and calcined coke is composed of a fine powder collection and packaging unit of the crushing/grading unit, and dozens of fine powder collection silos are conveyed to the packaging unit under negative pressure. There are 4 production lines in the green coke and calcined coke fine powder processing system, each with a conveying capacity of 5 tons/hour, of which the longest conveying distance is more than 70 meters.



An anode material project with an annual output of 300,000 tons in Yunnan

The customer is a leading enterprise in the production of nano-lithium iron phosphate, carbon nanotubes This project has an annual output of 300,000 tons of anode materials, of which the first phase production capacity is 200,000 tons/year. Our company is responsible for the conveying system of the graphitization workshop of the first phase of the project, which involves feeding, crushing, weighing, screening, demagnetization, packaging and workshop ground dust removal units, and the project is 8 negative pressure conveyor lines and 8 positive pressure conveyor lines. Among them, the longest conveying distance of the negative pressure conveyor line is about 200 meters, the longest distance of the positive pressure conveyor line is about 670 meters, and the conveying capacity of each production line is 4T/H. The material automation handling system that Weijie is responsible for this time mainly undertakes all matters such as feeding, crushing, storage, weighing, screening, demagnetization, packaging and dust removal on the workshop floor. In this project, for the first time in the field of anode materials, the positive pressure conveying method was applied to solve the problem of too long conveying distance, and the negative pressure conveyor line of our company within 200 meters solved the problem very well.



Xinhua yue group - material automation system

The client is a listed enterprise that produces basic chemicals, fine chemicals, and functional materials. Wijay has designed and built a fully automated new material production line located at our client's headquarters in Maoming, Guangdong. The materials conveyed are hydrated lime and clay, with a total production capacity of 36 tons per day.

Bulk materials are pneumatically transported from the tank truck to the 80 cubic meter outdoor large material warehouse. The materials are transported from the large material warehouse to the weighing tank, which measures the required materials according to the preset formula of the central control system, achieving fully automated material processing, greatly saving transportation and labor costs, and enabling real-time monitoring of material usage. The dust emission concentration of the dust collector is $\leq 30\text{mg}/\text{Nm}^3$. Noise index: tested 1 meter away from the equipment and below 80DB. The control logic is simple and easy to use, runs smoothly, and the weighing error is less than 0.5%. The logic interlocking is complete, and the operation safety is guaranteed.



Smoore tech - material handling system of an internationally renowned enterprise



The customer is one of the largest and most established vape manufacturers in China, with over a decade of experience in the industry. The company produces a wide range of vaping products, including e-cigarettes, vape pods, and vape tanks. Wijay designed and built multiple fully automated production lines for new electronic materials, with a total capacity of 60 tons per day. The production line includes processes such as ingredient batching, mixing, sintering, crushing, conveying, storage, screening, mixing, demagnetization, and packaging. The automation design reduced the number of operators from 25 to 3 while increasing the output from 300 kg per hour to 900 kg per hour. The newly implemented production line significantly improved product stability, ensuring consistent technical specifications for each batch.

The project incorporates Wijay's patented pneumatic mixing machine and a comprehensive design to prevent the inclusion of metal foreign objects, resulting in significant material property improvements. This further solidified the customer's leading position in the industry and significantly reduced production costs. The project also includes Wijay's innovative design of an integrated bagging and packaging machine, achieving packaging accuracy better than 0.002% during high-speed operation, setting a new technological benchmark for the industry.

Automated Raw Material Processing System for Jiangsu Feed Industry

Weijie designed and built a fully automated production line for the global leader in the attapulgitite industry, covering the entire process from feeding, crushing, grinding, batching, mixing, to packaging. The system consists of four intelligent modules:

Raw Material Temporary Storage Module : Materials are conveyed via screw feeders to Raymond mills for grinding before being stored in finished product silos. Supports low-cost nighttime power operation, significantly reducing energy consumption.

Weighing & Batching Module : 8 auxiliary weighing tanks can flexibly match 2 main materials, enabling precise batching of 1-8 auxiliary ingredients. A re-weighing system ensures stability and accuracy.

Pneumatic Mixing Module : Equipped with dual pneumatic mixers, efficiently solving stratification issues with shorter mixing time and superior uniformity.

Automatic Packaging Module : Chute feeding and screw conveying seamlessly connect to fully automatic packaging machines, requiring zero manual intervention.

The production line achieves a capacity of 15 tons/hour, significantly improving efficiency compared to the customer's original setup. Integrated with an ERP system for real-time monitoring and data analytics, it optimizes production operations. With only 1-2 operators needed and a zero-material-handling design, the system reduces labor and costs, enabling highly efficient and intelligent production.



Guangdong automated feeding system for green materials



Wijay's in-depth research on materials and extensive professional technical expertise have successfully addressed the technical challenges posed by urea granules' extreme hygroscopicity, caking tendency, and thermal sensitivity. The unique pneumatic conveying technology ensures highly efficient and stable operation of the entire system.

Urea granules, due to their strong hygroscopicity and tendency to cake, are prone to moisture absorption, hardening, and thermal degradation in traditional mechanical conveying systems. The industry commonly faces issues such as high conveying losses (approximately 6%-10%) and frequent system blockages. Wijay innovatively tackled these problems by implementing a closed-loop dry air system (dew point $\leq -35^{\circ}\text{C}$, humidity $\leq 8\%$) and nano-coating technology for pipelines, significantly reducing caking risks and decreasing adhesion rates by over 85%, effectively ensuring material stability.

By adopting low-pressure dilute-phase pneumatic conveying technology, the conveying air velocity is controlled below 18 m/s, while the material temperature is maintained at $\leq 40^{\circ}\text{C}$ throughout the process, greatly minimizing the loss of heat-sensitive components. Energy consumption is reduced by 25% compared to traditional systems. An intelligent AI monitoring system limits pipeline blockages to fewer than 1 occurrence per 1,000 operating hours, and modular design enables rapid maintenance within 10 minutes. The overall conveying efficiency has been enhanced to over 95%, helping enterprises reduce costs and improve productivity.

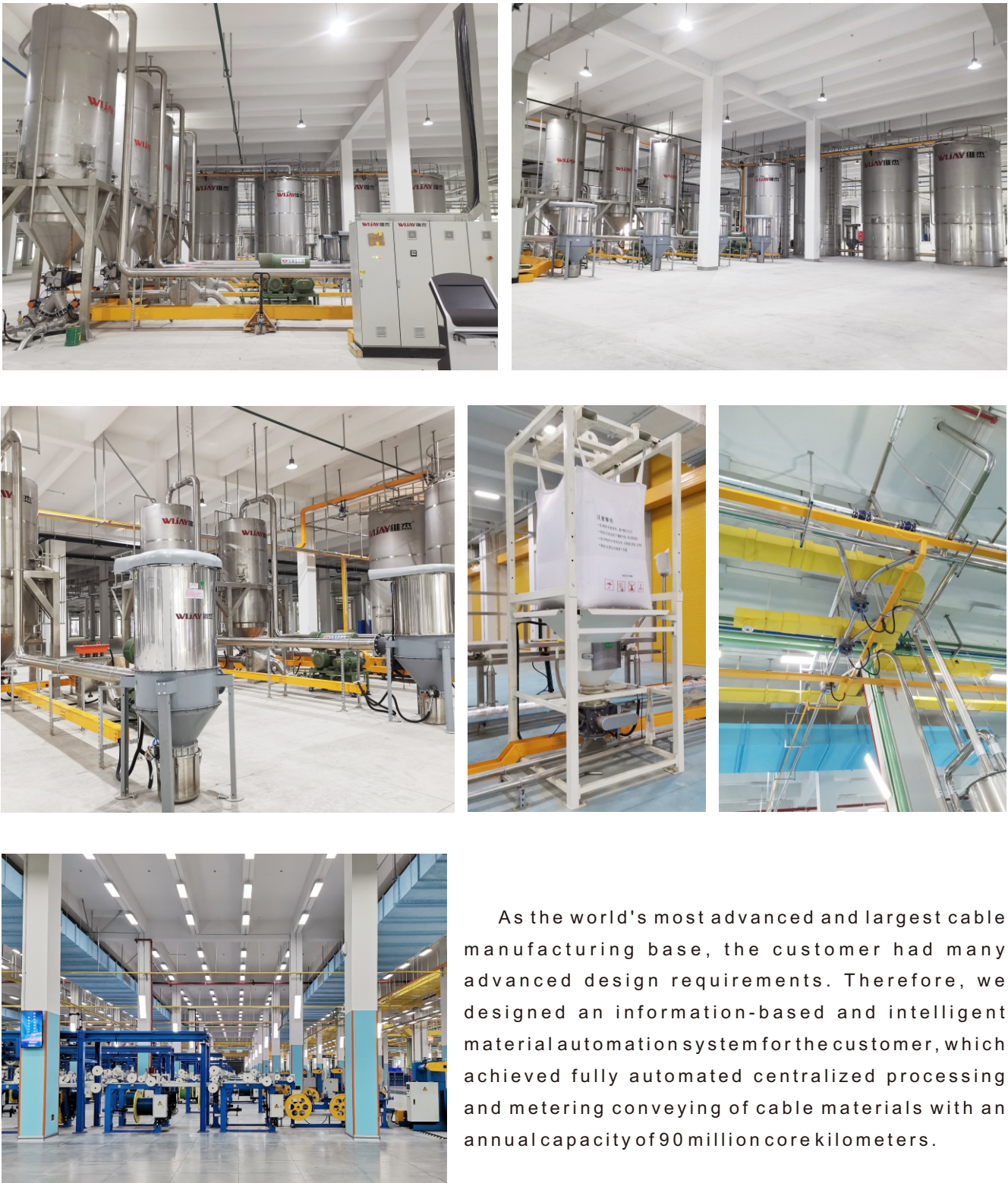
Material automation system of a joint-stock company in Zhejiang

The customer's 46 large-scale sheet extruders continuously supply 6 different materials at a feeding speed of 36 tons per hour. The conveying distance exceeds 200 meters, with a material storage capacity of 1200 tons. Real-time monitoring and control of material temperature and humidity have been achieved, which cannot be achieved by the traditional method of using multiple small drying machines and suction units.

In the ultra large-scale centralized feeding system, Wijay's positive-pressure intermediate-phase conveying technology and airflow control technology have incomparable advantages. The high level of informatization and flexibility enables our customers to achieve reliable quality assurance and reduced production costs in the production process!



Material automation system of a technology company in Hubei



As the world's most advanced and largest cable manufacturing base, the customer had many advanced design requirements. Therefore, we designed an information-based and intelligent material automation system for the customer, which achieved fully automated centralized processing and metering conveying of cable materials with an annual capacity of 90 million core kilometers.

Guangdong Dongguan food raw material automatic processing system

The customer's factory is a production base located in Dongguan City, Guangdong Province. It has two internationally advanced bread production lines and multiple cake production lines, with a production capacity of up to 200T per day. The main raw materials required for this production base include 3 types of powder raw materials and 7 types of fluid raw materials, including highly sensitive yeast solution and fresh egg liquid. The automatic processing system for food raw materials undertakes all tasks such as receiving, storing, screening, filtering, conveying, and measuring 10 types of raw materials. The system can also control the temperature of relevant materials and conduct statistics and analysis on the usage and overall consumption of each production line. This system can be divided into powder raw material processing module and fluid raw material processing module. The powder raw material processing module includes: 1 manual feeding station, 1 tank truck feeding station, 3 outdoor large storage tanks, 2 transfer tanks, 7 weighing hoppers, and 3 online screening machines. There are 2 positive pressure powder conveying pipelines and 2 negative pressure powder conveying pipelines. The fluid raw material processing module includes: 3 outdoor fluid storage tanks, 18 indoor fluid mixing storage tanks, and 10 fluid pipelines.



Guangdong Jiangmen food raw material automatic processing system

The customer factory is a new production base invested in Jiangsha Industrial Park, Jiangmen City, Guangdong Province. It has multiple internationally advanced biscuit production lines and a production capacity of up to 180T per day. This production base has advanced design concepts and high standards of automation requirements. The client inspected multiple projects of our company and recognized our highly reliable system design, ultimately choosing to cooperate with our company. Our company has designed an automated food raw material processing system for customer factories, which can handle 76.8% of the total production raw materials in the factory. The system not only ensures the safety of customer materials, but also saves a lot of material transportation, storage, filtration and screening costs. This set of food raw material automation processing system processes 3 types of powder raw materials and 6 types of fluid raw materials, including shortening and butter with extremely high temperature requirements, as well as 84 degree syrup with extremely high viscosity.



Automated processing system for Maggi seasoning raw materials

Maggi is a well-known seasoning brand under Nestle, located in Chashan Town, Dongguan City, Guangdong Province. The production factory has a design concept and high standards of automation requirements. The food raw material automation system designed by Wijay Company includes processes such as feeding, storage, drying, weighing and measuring, dust removal, and environmental control. The Wijay project team overcame the characteristics of poor material fluidity, high humidity, and short-term agglomeration, and ultimately the project fully met Nestle's strict EU regulations and safety standards in terms of process level, mechanical properties, electrical standards, and other aspects.



Raw material processing system for an internationally renowned enterprise in Xiamen

With the continuous development of digital factory information technology and material handling automatic control technology, the development of industrial intelligence is an inevitable trend. As a leading enterprise, the client company has resolutely upgraded its production line to provide better quality and safe food to the people. Combining the characteristics of the lunch meat production process, it has established a "static ingredient mode" industrial computer controlled automatic ingredient system, achieving automation and intelligence in the production process to ensure product quality and output.



Key Achievements Table (Food & Beverage)

Performance List of Turnkey Engineering and Bulk Material Automation System Engineering (excluding users signing confidentiality agreements)						
Clients	year	address	industry	product	System Engineering Type	Supply Scope and System Capability Description
Hsu Fu Chi Food Co., Ltd. (Nestle China)	2012	Dongguan, Guangdong	food and beverage	fudge	Starch conveying and metering system	Convey and measure the starch required for two gummy production lines, with a processing capacity of 12T/H
Garden Food (Dongguan) Co., Ltd		Dongguan, Guangdong	food and beverage	Cake/Bread	Powder and fluid raw material supply system	Design and install a material automation system for 3 types of powder materials and 9 types of fluid materials required for the entire factory
Hsu Fu Chi Food Co., Ltd. (Nestle China)		Dongguan, Guangdong	food and beverage	Sachima	Sugar grinding and conveying system	4 Sachima production lines need granulated sugar for transportation and metering, and the output of sugar powder is 5T/H
Kraft Foods	2013	guangzhou guangdong	food and beverage	Juice	Material automation system	Sugar powder/essence and other raw material systems required by 5 production lines, with a processing capacity of 8T/H
Lisun Group Co., Ltd		Haikou, Hainan	food and beverage	instant coffee	Raw material conveying and metering system	Three coffee production lines require a processing capacity of 6T/H of coffee powder, sugar powder, and other raw materials for
Yili Dairy Co., Ltd		Dongguan, Guangdong	food and beverage	Dairy products	Powder and fluid raw material supply system	Two production lines for transporting and measuring lactic acid bacteria products require milk powder and sugar powder, with a
Hsu Fu Chi Food Co., Ltd. (Nestle China)	2014	Dongguan, Guangdong	food and beverage	Sachima	Raw material conveying and metering system	Four Sachima production lines need flour and formula materials for transportation and metering, and the processing capacity is 6T/H
Hsu Fu Chi Food Co., Ltd. (Nestle China)		Dongguan, Guangdong	food and beverage	Pancakes, cakes	Material conveying and metering system	Three Sachima production lines need flour, Rice noodles and starch for conveying and metering, and the conveying capacity is 4T/hour
Garden Food (Dongguan) Co., Ltd		Dongguan, Guangdong	food and beverage	Cake/Bread	Powder and fluid raw material supply system	Multiple particle and powder screening, metering, transportation, dilute phase transportation, with a processing capacity of 8T/H
Hsu Fu Chi Food Co., Ltd. (Nestle China)	2015	Dongguan, Guangdong	food and beverage	Square pastry	Flour storage, measurement and	1 square pastry production line requires flour for conveying and measuring, with a conveying capacity of 3T/hour
Kraft Foods		Jiangmen, Guangdong	food and beverage	Wafer Biscuit	Sugar powder/flour/syrup conveying system	The processing capacity of flour, sugar powder, and other raw materials required for conveying and measuring three biscuit
Yizhi Food Co., Ltd		Dongguan, Guangdong	food and beverage	Children Snacks	Flour storage, measurement and	Flour/syrup/metering/conveying, daily dosage 90T/day
Hsu Fu Chi Food Co., Ltd. (Nestle China)	2016	Dongguan, Guangdong	food and beverage	Chocolate	Sugar conveying and grinding system	Sugar conveying and sugar powder conveying metering system, with 3 sugar powder usage points and a processing capacity of 3 T/H
Hsu Fu Chi Food Co., Ltd. (Nestle China)		Dongguan, Guangdong	food and beverage	Square Pastry	Flour conveying and metering system	1 square pastry production line requires flour for conveying and measuring, with a conveying capacity of 3T/hour
Guajia Food Co., Ltd. (Garden Group)		Dongguan, Guangdong	food and beverage	Wafer and Biscuits	Sugar conveying and grinding system	Sugar conveying and sugar powder conveying metering system, with a processing capacity of 3T/H
Binqi Foods Co., Ltd	2017	Jiangmen, Guangdong	food and beverage	Cookie	Powder and fluid raw material supply system	Conveying and measuring 3 types of powder materials and 6 types of fluid materials required for the entire production line of the factory, with
Nestle Co., Ltd. (Nestle China)		Dongguan, Guangdong	food and beverage	Instant Coffee	Raw material conveying and metering system	Measurement/transportation of various particles and powders, dilute phase transportation, with a processing capacity of 6T/H
Jiashili Food Group Co., Ltd. (controlled)		Kaiping, Guangdong	food and beverage	Cookie	Flour conveying and metering system	Conveying and measuring 3 types of flour required for 8 production lines in the entire factory, with an hourly conveying capacity of 12 T/H
Garden Food (Dongguan) Co., Ltd. (Garden)	2018	Dongguan, Guangdong	food and beverage	hamburger buns	Screening/metering/conve ying of granulated	Screening/metering/conveying of granulated sugar/powder materials, with a processing capacity of 12T/H
Hung Fook Tong Industries Limited (Hong)		Hong Kong	food and beverage	beverage	Cold tea pre-treatment system	Automated processing system for herbal tea brewing, with a processing capacity of 12T/H
Nestle Co., Ltd. (Nestle China)		Dongguan, Guangdong	food and beverage	instant coffee	Sugar screening/metering/crush	Screening/metering/conveying of granulated sugar/powder materials, with a processing capacity of 6T/H
Hsu Fu Chi Food Co., Ltd. (Nestle China)	2019	Dongguan, Guangdong	food and beverage	snacks	Raw material conveying and metering system	Drying/metering/conveying of various particles and powders, dilute phase conveying, with a processing capacity of 6T/H
Calli Food Technology Co., Ltd		Shantou, Guangdong	food and beverage	Dim Sum	Flour storage, measurement and	Flour/syrup/metering/conveying, with a processing capacity of 6T/H
Hsu Fu Chi Food Co., Ltd. (Nestle China)		Dongguan, Guangdong	food and beverage	Pastry	Flour cooling and conveying metering	Flour cooling/sieving/weighing/magnetic separation, with a processing capacity greater than 500kg/H
Jiashili Food Group Co., Ltd. (controlled)	2020	Jiangmen, Guangdong	food and beverage	sandwich biscuits	Automatic system for converting syrup	Sugar and flour/syrup/process water filtration/metering/transportation, with a processing capacity of 12T/H
Raoping County Yongxin Food Co., Ltd		Raoping, Guangdong	food and beverage	Dumplings	Flour storage, measurement and	Flour automated processing equipment/processing capacity: 4T/H
Nestle Food Algeria Limited (Nestle Africa)		Africa Algeria	food and beverage	instant noodles	Flour conveying and metering system	Convey and measure the flour required for two instant noodle production lines, with a processing capacity of 6T/H
Po-Li Foods Industry (Xuzhou) Co., Ltd	2021	Xuzhou, Anhui	food and beverage	cookie	Material automation system	Flour/syrup/process water filtration/metering/conveying, with a processing capacity of 6T/H
Langsheng Food Technology Co.,		Nanning, Guangxi	food and beverage	Egg Yolk Pastry	Flour automated processing system	2 types of flour conveying/metering/conveying, with a processing capacity of 2T/H
Nestle Co., Ltd. (Nestle China)		Dongguan, Guangdong	food and beverage	condiment	Material Transfer Project	Screening/metering/conveying of wheat puffed granular materials and CIP automatic cleaning system, with a processing capacity of 8T/H
Gangyang Food Co., Ltd. (Garden Group)	2022	Yangzhou, Jiangsu	food and beverage	cookie	Central Material Automation Processing	4 types of flour screening/metering/conveying, with a processing capacity of 12T/H
Caitian Food Co., Ltd		Dongguan, Guangdong	food and beverage	candy	Central Material Automation Processing	Storage/transportation/metering of multiple fluid materials
Jiashili Food Co., Ltd. (controlled by Jiashili)		Changde, Hunan	food and beverage	Leisure food	Fluid Material Automation System	The conveying/metering processing capacity of various fluid raw materials is 4T/H
Caitian Food Co., Ltd. (Meiyijia Holdings)	2023	Dongguan, Guangdong	food and beverage	bread	Material automation system	Flour automation processing equipment/whole wheat flour processing equipment/dough conveying equipment
Addlove Food Co., Ltd		Chengdu, Sichuan	food and beverage	Bread and Dim sum	Flour automated processing system	5 types of flour conveying/metering/conveying, with a processing capacity of 2T/H
Jiangsu Tianyuanism Health Technology Co.,		Xinghua, Jiangsu	food and beverage	Whole wheat bread	5 production line hybrid system supporting	Powder and fluid material screening, metering, transportation system, and refrigeration system, with a production capacity of 5T dough per

Performance List of Turnkey Engineering and Bulk Material Automation System Engineering (excluding users signing confidentiality agreements)						
Clients	year	address	industry	product	System Engineering Type	Supply Scope and System Capability Description
Caizhi Food Co., Ltd. (Meiyijia Holdings)	2021	Changsha, Hunan	food and beverage	bread	Flour automated processing system	4 types of flour conveying/metering/conveying, with a processing capacity of 3T/H
Gangyang Food Co., Ltd. (Garden Group)		Yangzhou, Jiangsu	food and beverage	cookie	Automated processing system for granulated sugar and	Sugar storage/transportation/metering system, sugar grinding system, conveying capacity 2T/H
Maiwang Food Co., Ltd. (Wallace Holdings)		Zhejiang Jiashan	food and beverage	bread	Flour automated processing system	Flour/metering/conveying, with a processing capacity of 3T/H
Bake & Food (Wuhan) Co., Ltd		Wuhan, Hubei	food and beverage	Egg Tart Skin	Systematic automation of dough processing	Trough crane and dough automation system
Liniushi Food Co., Ltd. (Jiashili Holdings)		Dongguan, Guangdong	food and beverage	Pasta	Flour automated processing system	Various types of flour drying/metering/conveying, with a processing capacity of 4T/H
Aokun Food Co., Ltd. (Lego Foods)		Huzhou, Zhejiang	food and beverage	Egg Tart Skin	Flour automated processing system	Flour storage/conveying/screening/cooling/metering system
Gulong Food Co., Ltd	2022	Xiamen, Fujian	food and beverage	Luncheon meat	Small material batching system	23 types of auxiliary materials, with a supply range of 33kg-0.008kg, a supply speed of 5kg/minute, 10
Hanrae Food Co., Ltd		Ma'anshan, Anhui	food and beverage	breadcrumbs	Flour automated processing system	Flour storage/metering/conveying, with a processing capacity of 2T/H
Hema Food (Kunshan) Co., Ltd		Kunshan, Jiangsu	food and beverage	Toast	2 fully automated production lines	Multiple powder and fluid material storage/transportation/cooling/metering systems, with
Yizhi Food Co., Ltd		Dongguan, Guangdong	foodstuff	candy	Material automation system	Liquid maltose/metering. The processing capacity is 1T/h.
Garden Food (Dongguan) Co., Ltd		Dongguan, Guangdong	foodstuff	bread	Dough processing system	Front end processing/conveying of dough. Single 3.6T/H
Gansu Aviko Potato Processing Co., Ltd		Zhangye, Gansu	foodstuff	potato chips	Material automation system	Powder/conveying/temporary storage/packaging. 5HT.
Senruite Biotechnology Co., Ltd	2023	Weifang Changle	foodstuff	food	Starch pneumatic mixing humidification equipment	Powder humidification/conveying/mixing. Humidification amount 4%
Maxim's Catering Limited		Hong Kong	foodstuff	snack	Flour storage, measurement and transportation system	Flour conveying/metering/conveying, with a processing capacity of 2T/H
CH Foods Technology Co., Ltd		Dongguan, Guangdong	foodstuff	Dairy products	Powder and fluid raw material supply system	The production line for transporting and measuring lactic acid bacteria products requires milk powder and
Chung Hsiang Foods Co., Ltd		Taiwan	food and beverage	cookie	Automated processing system for granulated sugar and	Sugar storage/transportation/metering system, sugar grinding system, conveying capacity 3T/H
Kangli Food Co., Ltd		Jiangmen, Guangdong	foodstuff	Pasta	Flour automated processing system	Various types of flour drying/metering/conveying, with a processing capacity of 5T/H
Beijing Mankton Food Technology Co., Ltd		Tongzhou, Beijing	foodstuff	Bread (KFC)	Material automation system	Feeding (tank truck) / storage 48 tons 80 cubic meters / conveying / 3-6 tons / hour / change system
Manhattan Foods (Shanghai) Co., Ltd	2024	Shanghai	foodstuff	Bread (KFC)	Material automation system	Increase reversing valves and pipelines, and make flameless explosion detonation devices in
Dongguan Caitian Food Co., Ltd		Dongguan, Guangdong	foodstuff	Bread	Material automation system	Flour automatic processing equipment/whole wheat flour processing equipment, dough conveying
Dongguan Nestle Co., Ltd		Dongguan, Guangdong	food and beverage	condiments	Material automation system	Wheat extrusion granular material screening/metering/conveying and CIP automatic
Hunan Caizhi Food Co., Ltd		Changsha, Hunan	foodstuff	Bread	Flour automatic handling system	4 kinds of flour conveying/metering/conveying, the processing capacity is: 3T/H
Huajia Food Company Limited (Garden Group)		Dongguan, Guangdong	food and beverage	Bread	Replace the 6# powder cylinder fluidized bed project	Feeding (4 kinds of flour) / conveying / sieving / batching / metering / fermentation room / proofing
Anhui Qingsong Food Co., Ltd		Hefei, Anhui	food and beverage	Steamed buns early	Hefei chiller project	Feeding/storage/conveying/metering/process water system to deliver cold water; conveying flour 3
Yangtze River Agriculture (Shandong Artisan Bakery)	2025	Weifang, Shandong	food and beverage	Bread	Material automation system	Pouch feeding/storage (4 tons, 10 cubic meters)/conveying/batching/metering (high gluten and
Guangdong Baili Food Co., Ltd		Dongguan Tea	food and beverage	Breadcrumbs	Fully automatic flour air conveying system	Feeding (tank truck) (2 kinds of flour) / conveying / distribution / batching / metering / fermentation room /
Anhui Le Kam Kee Food Co., Ltd		Hefei, Anhui	food and beverage	Bread	Material automation system	Feeding (small bags) / storage (4 tons, 10 cubic meters) / conveying / metering / process water
Dongguan Dongjun Food Industry Development Co.,		Dongguan Changping	food and beverage	Cakes (moon cake pies)	Syrup/Filling Material Conveying System	Feeding (syrup tank truck) / storage 25 tons / conveying / metering; 4 kinds of material conveying
Henan Yubao Food Technology Co., Ltd		Henan	food and beverage	Hamburg	Powder and liquid material automation system	Convey flour/oil/sugar. Flour 2.5 tons per hour
Shanghai Artisan Food Co., Ltd		Shanghai	food and beverage	Bread	Fully automatic flour conveying system	Feeding/conveying/weighing of flour; 3 tons/hour

Key Achievements Table (Non-Food)

Performance List of Turnkey Engineering and Bulk Material Automation System Engineering (excluding users signing confidentiality agreements)						
Clients	year	address	industry	product	System Engineering Type	Supply Scope and System Capability Description
Shenzhen Lvyuan New Materials Co., Ltd	2014	Dongguan, Guangdong	Green energy	Fireproof board	Powder and fluid raw material supply system	8 types of powder materials and 4 types of fluid materials required for the production line of conveying and measuring fire-resistant panels, with a processing capacity of 30T/H
Bluetech Environmental Protection Technology Group	2019	Dongguan, Guangdong	New materials	Environmentally friendly materials	Environmental liquid production system	Feeding/conveying/metering of industrial urea, pure water, etc., with a processing capacity of 20T/H
Futong Group Co., Ltd		Zhejiang Jiashan	Plastic chemical industry	optical fiber and cable	Centralized feeding automation system	Filter/dry/measure/transport various particles, powders, and paste materials, with a processing capacity of 40T/H
BTR New Materials Group Co., Ltd	2020	Shenzhen, Guangdong	Green energy	Lithium battery materials	2 fully automated production lines for negative electrode materials	Drying/metering/conveying of various particles and powders, with a processing capacity of 10T/H
Huaming Eco-Harmony Co., Ltd		Shenzhen, Guangdong	New materials	Environmentally friendly materials	Denitration agent treatment system	Denitration agent feeding, transportation, and metering, with a processing capacity of 3T/H
Brup Recycling Technology Co., Ltd		Foshan, Guangdong	Green energy	battery material	Automatic processing system for battery material materials	Battery materials/storage/metering/transportation. The processing capacity is 3T/H
Cargill Biochemical Co., Ltd. (Cargill International)	2021	Jilin Songyuan	Basic materials	starch	2 automated starch processing production lines	Starch drying/metering/conveying/container powder packing system, with a processing capacity of 40T/H
Smoore Tech Co., Ltd		Jiangmen, Guangdong	New materials	reflective materia	2 fully automated production lines for negative electrode materials	Block and powder crushing/conveying/screening/demagnetization/mixing/packaging. The processing capacity of a single piece is 1T/H;
Haoqiang Technology Co., Ltd. (Country Garden Group)	2022	Foshan, Guangdong	Plastic chemical industry	Molded board	Centralized feeding automation system	PP particle material storage capacity 660T, feeding and conveying capacity 32T/hour, production line conveying capacity 20T/hour
Xinhua Yue New Materials Technology Co., Ltd		Maoming, Guangdong	New materials	Chemicals	Automatic processing system for powder materials	Chemical materials/storage/metering/transportation. The processing capacity is 3.5T/H
SUNSTONE Carbon Materials Co., Ltd		Jiayuguan, Gansu	Green energy	battery material	Phase I Project of 200000 tons/year High end Negative Electrode Materials and Supporting Projects for Lithium Batteries	There are 6 pneumatic conveying lines from the low-temperature pre carbonization workshop to the graphitization workshop for storage /metering/transportation/packaging. Single processing capacity of 3T/H
Changhong Intelligent Manufacturing Technology Co., Ltd		Huaining, Jiangsu	Green energy	battery material	Lithium Battery Project - Battery Material Automation Processing System	Battery materials/ storage/metering/ transportation /packaging. The processing capacity is 2.5T/H
Dyanonic Nanotechnology Co., Ltd		Foshan, Guangdong	Green energy	battery material	One factory adds two new mechanical mills to support the pneumatic conveying project	The positive electrode material of the battery is transported/stored on two production lines. Single processing capacity 2T/H
Auria Solutions GmbH	2023	Germany	Plastic chemical industry	Auto Parts	Material automation system	Plastic particles and plastic processing aids fillers/storage/transportation/metering/mixing. 1.5T/H
Dingyuan Technology Co., Ltd		Dongguan, Guangdong	New materials	Chemicals	Automatic processing system for powder materials	Battery materials/storage/metering/transportation. The processing capacity is 3T/H
Bluetech Environmental Protection Technology Co., Ltd		Dongguan, Guangdong	New materials	Chemicals	Material automation system	Chemical materials/storage/metering/transportation. The processing capacity is 3T/H
BYD Co., Ltd		Shenzhen, Guangdong	Green energy	battery material	Automatic processing system for battery material materials	Chemical materials/storage/metering/transportation. The processing capacity is 4T/H
ATL Battery Co., Ltd. (ATL)		Dongguan, Guangdong	Green energy	battery material	Automatic processing system for battery material materials	Battery materials/storage/metering/transportation. The processing capacity is 4T/H
Ronbay Green Energy Technology Co., Ltd		Wuhan, Hubei	New materials	battery material	Automatic processing system for battery material materials	Battery materials/storage/metering/transportation/ packaging. The processing capacity is 2T/H
Jiangsi Zichen Technology Co., Ltd		Inner Mongolia Ulanqab	Green energy	battery material	Automatic processing system for battery material materials	Battery material/2 production lines for transportation/storage. Single processing capacity 2T/H
Duofuduo Green energy Technology Co., Ltd		Jiaozuo, Henan	Green energy	battery material	Newly added mechanical grinding project supporting pneumatic conveying	Drying/metering/conveying of various particles and powders, with a processing capacity of 5T/H
Brup Recycling Technology Co., Ltd		Changsha, Hunan	Green energy	battery material	Fully automated production line	Battery materials/storage/metering/transportation. The processing capacity is 1.5T/H
Xiamen Tungsten Company Green Energy Materials Co., Ltd		Xiamen, Fujian	Green energy	battery material	Fully automated production line	Block and powder crushing/conveying/screening/demagnetization/mixing/packaging. The processing capacity of a single piece is 1.5 tons/hour
BTR New Material Technology Co., Ltd		Huizhou, Guangdong	Green energy	battery material	Fully automated production line	Battery materials/storage/metering/transportation. The processing capacity is 3T/H
Evergrande Green energy Technology (Shenzhen) Co., Ltd		Shenzhen, Guangdong	Green energy	electrolyte	Centralized feeding automation system	8 types of material storage/transportation/measurement/packaging. The processing capacity is 6T/H
Dowstone Technology Co., Ltd		Qingyuan, Guangdong	Green energy	battery material	Fully automated production line for negative electrode materials	Negative electrode material/storage/metering/transportation. The processing capacity is 3T/H
Shanshan New Materials Co., Ltd		Sichuan	Green energy	battery material	Raw material post-processing and conveying system	Battery materials/storage/metering/transportation/packaging. The processing capacity is 4T/H
Shanshan New Materials Co., Ltd		Yunnan	Green energy	battery material	Graphitization workshop conveyor system	Drying/metering/conveying of various particles and powders, with a processing capacity of 6T/H
Inner Mongolia Benxing Chemical Co., Ltd	2024	Inner Mongolia	chemical industry	Sodium trichloropyridinol	Material automation system	Storage/metering/conveying of powder materials, with a processing capacity of 4T/H
Jiangsu Shenlite Biotechnology Co., Ltd		Jiangsu tires	Feed (additives)	Feed additives, demold removal products	Material automation system	Feeding/storage/crushing/metering/mixing/gas mixing/packaging system, with a processing capacity of 8T/H
Jiangxi Zero Carbon Future Energy Development Co., Ltd		Fuzhou, Jiangxi	Green energy	Anode material	Material automation system	Storage/metering/transportation/control/mixing cloud systems
Ningxia Jufeng New Material Technology Co., Ltd		Helan, Ningxia	Materials	insulating materials	Material automation system	Battery Materials/Storage/Metering/Delivery. The processing capacity is 3T/H
Sinopec Xinxing Hubei New Energy Development Co., Ltd. Jingzhou Branch		Jingzhou, Hubei	Petrochemical	Guanidine gum powder	Material automation system	Feeding/storage/metering/conveying system, conveying capacity: 5T/H
Foshan German Nano Technology Co., Ltd		Foshan, Guangdong	Green energy	Cathode material	Material automation system	PLC control system and mechanical grinding supporting pneumatic conveying system
Guangzhou Jiesheng Daily Chemical Co., Ltd.		Nansha, Guangzhou	Daily Chemicals	Cleaning & Daily Chemicals	Material automation system	Feeding/Storage/Weighing & Batching/Drying/Reaction/Mixing of Powders, Granules & Tablets
Guanshine (Taishan) Industrial Co., Ltd		Jiangmen,Guangdong	Chemical Industry	Chemical Raw Materials	Raw Material Auto-Dispensing System	Powder, granules, tablets - feeding/storage/weighing & batching/drying/reaction/mixing
Tengxiaorui Industrial (Guangdong) Co., Ltd		Zhanjiang, Guangdong	Chemical Industry	Plastic pellets	Automated Plastic Pellet Handling System	Powder / Conveying / Temporary Storage / Packaging. 5T/H
Shanghai Weiwei Import & Export Co., Ltd	2025	Tula Oblast, Russia	Chemical Industry	Automotive Urea	Material automation system	KEDR89 Reactor KEDR89 Heater Module KEDR89 Vent Stack
Advance Engineering Trading and Brokerage (FZ)		Moscow, Russia	Chemical Industry	Chemical Processing	Chemical Tail Gas Treatment	Melamine Granule Feeding, Conveying, Storage & Dosing System

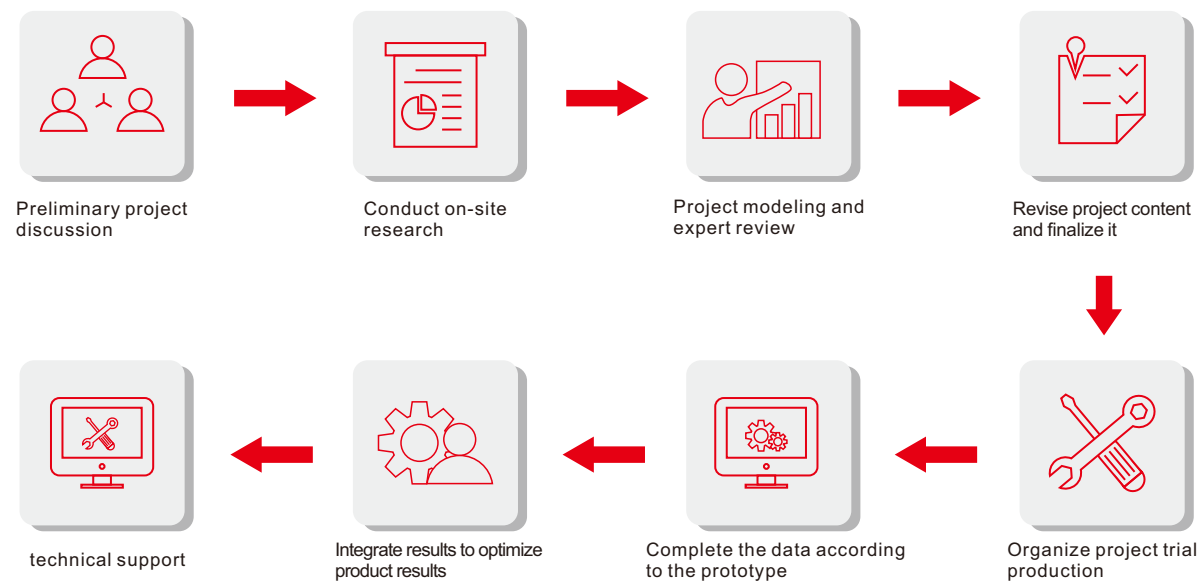
Cooperative customers

Wijay has designed and implemented automatic processing systems for powder, fluid and paste raw materials for Futong Group, Country Garden Group, China FAW Group and other plastics industry enterprises, and helped customers build an international leading digital factory. It has been highly praised by many Fortune 500 companies!



R&D and manufacturing

Wijay Company adheres to lead the development of the enterprise with technological innovation. We have increased investment in technological research and development, and established a strong material automation system as well as and a core equipment research and design team, including outstanding scientific research and technical talents in the industry.



Continuous
Research and
Development

Wijay Corporation specializes in end-to-end project management of automated material handling systems for high-hygiene industries, encompassing system planning, design, installation, and commissioning. With a focus on solid material processing, we have independently developed multiple proprietary systems that have earned an exceptional reputation in the industry. Our expertise also extends to handling paste materials and fluid materials. Committed to continuous innovation, Wijay Corporation will persistently develop new systems to exceed customer expectations.

Our Advantage

Wijay Company's extensive project experience gives us a significant edge over our peers.

**Advantage A:
Simplicity and
Efficiency**

60%-70% of our components and equipment systems are designed to be simple and efficient.

**Advantage B:
Stability and
Energy Efficiency**

Save 20% on maintenance time and reduce energy consumption by 45%-60%.

**Advantage C:
Intelligent
Monitoring**

100% system safety,
100% material safety.

**Advantage D:
Information
Management**

Full process recording of
information and 100%
formula confidentiality

R&D Center



In order to lead innovative new energy and new material production fields and improve the company's technological strength, Wijay has established a 2000 square meter technology research and development center, with R&D personnel accounting for over 40% of the company's total personnel.

Research direction and achievements:

1. Research on the physical and chemical properties of powder fluid materials and establish a database;
2. Equipment for unpacking, feeding, warehousing, unloading, coloring, screening, cooling, drying, conveying, and metering of powder fluid;
3. Patent related to powder fluid technology;
4. Efficient and reliable powder fluid system solution;
5. Core equipment assembly testing and reliability verification of technical solutions.



Wijay maintains a spirit of progress and innovation, establishing strategic cooperation agreements with century old European companies, and regularly engaging in discussions on industry development and exchanging solutions to technical problems with the best European companies.



Focusing on system design, the development of patented technologies and project management, we provide overall solutions for material automation, and we will hold regular training meetings to consolidate the foundation, improve technical capabilities, build a perfect technical team, and serve a number of world-renowned top enterprises.





As a professional system integrator, Wijay conducts strict audits of every component and equipment supplier to ensure the high quality of each engineering project designed and constructed. These suppliers all provide world-class technology and quality. Of our suppliers,90% are European sole proprietorships, and German companies account for more than 50%,with most companies having a history of over 100 years.



International Quality Standards	Comprehensive Safety Assurance	On-time and Efficient Delivery	Ultimate Cost-Effectiveness
20% of our revenue comes from Fortune 500 companies	Material safety assessment and testing	<15 days for process, mechanical, and electrical design	Minimalist design philosophy
60% of our clients rank in the top 3 in their industries	Explosion-proof design for prevention, Suppression, Containment, And isolation	<45 days for equipment, electrical control, and manufacturing	highly efficient team
80% of our clients have an annual revenue exceeding 2 billion	Safety review during design and Implementation	<15 days for on-site installation, Commissioning, And testing	Self-developed and self-manufactured components

