DataBeyond

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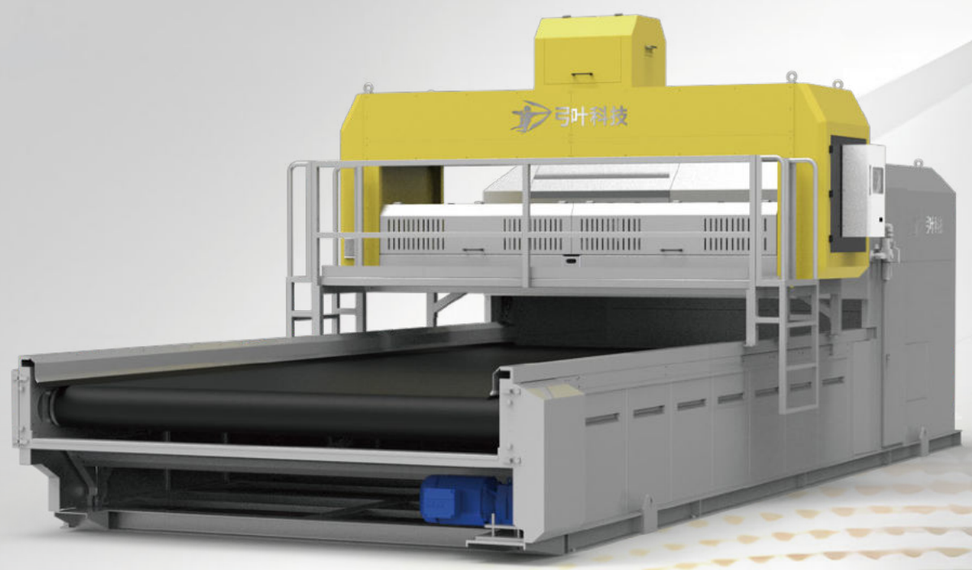
DATABEYOND™

AI & Optoelectronics



AI Optical Sorter

NO.1 Top Sales !

AI Optical Sorter.

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AI and Optoelectronics

Intelligent Sorting Equipment Provider

DataBeyond was founded in 2018, leading the high-end intelligent sorting technology applied globally. DataBeyond making high-end intelligent sorting equipment more affordable and accessible to recycling manufacturer. We aim to accelerate the arrival of the intelligent era in recycling.
DataBeyond's optical sorters not only lead in domestic market but also are widely exported to dozens of countries and regions, including Japan, Malaysia, Indonesia, Brazil, Dubai, Saudi Arabia, India, etc., earning high praise and popularity among users.

NO.1
Top Sales in China

≥85%
Front-end Waste Recycling Market Share in China

30+
Turnkey Project Case

3000+
Project Cases Worldwide

20000㎡
Intelligent Equipment R&D and Production Base

300+
Chinese Intellectual Property

DataBeyond Technologies

AI

Artificial Intelligence Sorting Technology

DataBeyond utilizes its advanced backbone network, DataBeyondNet, to achieve accurate identification. This includes a highly efficient industry-specific model and the industry's pioneering structured waste big data image library. These innovations greatly enhance computational speed, enabling high-speed conveyor vision inspections of up to 6m/s.

AI·SPEC™

Hyperspectral Sorting Technology

DataBeyond Technology's Proprietary AI·SPEC™ Software and Hardware System, DataBeyond Technology has developed the AI·SPEC™ software and hardware system, which utilizes 256 spectral bands to precisely identify hundreds of different materials. This system can even recognize composite plastic packaging made from multiple materials and waste paper with varying fiber densities.

AI·Laser™

Laser Sorting Technology

DataBeyond innovatively integrates laser sorting technology with AI, creating the powerful AI·Laser™ sorting technology. By comprehensively detecting multiple dimensions such as object spectrum and spatial characteristics, it further enhances material identification accuracy and sorting purity.

AI·FLUO™

Fluorescence Aging Sorting Technology

DataBeyond leads the industry by combining fluorescence aging sorting technology with AI to develop the distinctive AI·FLUO™ sorting technology. Prior to crushing PET bottles, AI·FLUO™ can actively segregate aged and fluorescent bottles, decreasing the presence of aged and fluorescent fragments in bottle flakes and significantly enhancing flake quality.

FLYinVision™

High-Speed Imaging Technology

DataBeyond's FLYinVision™ technology, combined with synchronous belt tracking functionality and a high-speed scanning system, enables rapid scanning of materials on a conveyor belt moving at speeds of up to 6m/s. This system captures multidimensional features of the materials, even identifying ultra-fine characteristics that are imperceptible to the naked eye.

MultiSensor

Multisensor Fusion Technology

DataBeyond's MultiSensor technology supports the combination of various sensors, including visible light, near-infrared, X-ray, fluorescence, laser, hyperspectral, and metal detectors. Employing fuzzy logic and deep neural network algorithms, it performs decision-level fusion on multiple heterogeneous data sources.

Cloud Brain

DataBeyond Cloud Brain

DataBeyond Cloud Brain combines edge, terminal, and cloud technologies, continuously monitoring data from various sensors. It achieves remote intelligence enhancement, predictive maintenance of equipment, and 365 days * 24 hours real-time monitoring and management.

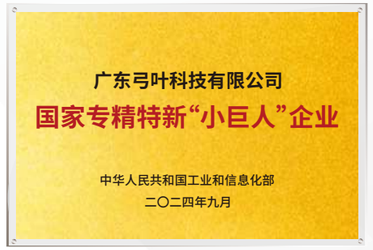
MSWDataBase

Municipal Solid Waste Big Database

DataBeyond's MSWDataBase™ is the most extensive and comprehensive solid waste database in China. It encompasses a wide range of waste sorting scenarios, including renewable resources and urban solid waste. By collecting data from numerous waste treatment plants, it has built a vast image library that is extensively labeled and multi-dimensional, establishing a strong data advantage.

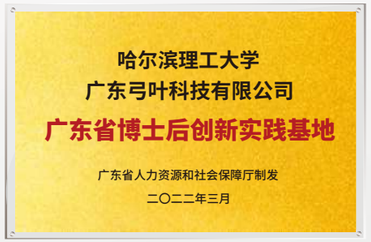
Awarded over 300 national patents

Received over 10 national, provincial, and municipal honors



National Level Professional, Refined,Distinctive, and Innovative "Little Giant" Enterprise Award

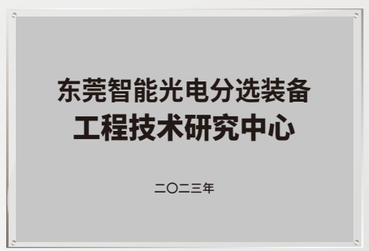
High-tech Enterprise Certificate



Post-doctoral Innovation Practice Base

Province Science and Technology SMEs

Listed Reserve Enterprise



Intelligent Optoelectronic Sorting Equipment Engineering Technology Research Center

01. Recycling

Our Comprehensive “Point-Station-Field” Recycling Operations Solution »

Point

Front-end recycling network system

Serving residents

Government offices

Businesses

Schools

Hospitals

Industrial Facilities

We offer custom online recycling apps to achieve a seamless urban recycling network that combines online and offline channels

Station

Traditional and Smart Recycling Stations

Car storage/recycling station micro recycling stations

Options for vehicle-based, container-based, or recycling station setups
Converting traditional mobile recyclers into standardized micro-recycling station operators

Field

Full automation and digitalization at future MRF

Smart weighing

Automatic sorting

Eco-friendly sorting centers

Tax compliance

Data tracking

Terminal Sorting Products

- Waste paper
- Plastic
- Old clothes
- Glass
- Dismantled home appliances
- Metal

Support for Traditional Packaging Stations
Assisting in the integration and transition to digital, automated green sorting centers.
Aiming to standardize and cluster the recycled materials industry, enhance intelligent production, visualize data, and integrate taxation

02 Sorting

Renewable Resources Sorting »

DataBeyond's AI Optical Sorter is suitable for sorting various renewable resources.

- Separate various types of high-value plastics from mixed plastics, such as PET, PP, HDPE, LDPE, PC, PVC, etc.
- Separate plastics by the term of different colors, grades, and applications
- Separate paper by the term of yellow waste paper, white waste paper, miscellaneous paper (cigarette cards, medicine cards, folding box board(FBB), solid bleached sulphate(SBS),gray cards), tetra pak packaging, etc.
- Separate metal, including automobile recycling, appliance recycling, electronic waste recycling, battery recycling, etc.

PET

PP container

HDPE

Low-Value Recyclable

Municipal Solid Waste

Mixed Engineering Plastics

Paper

Textile

Medical Plastic Recycling

Municipal Solid Waste Sorting »

DataBeyond provides a stable and reliable sorting solution for municipal waste disposal, aiming to achieve the goals of 'resource utilization, reduction, and harmlessness' for waste. DataBeyond has become a trusted partner for an increasing number of customers worldwide, offering a one-stop turnkey project from overall solution design, equipment manufacturing, on-site installation, to final complete delivery. With DataBeyond's intelligent sorting machine, we can separate various valuable materials from mixed waste, ultimately turning waste into treasure.If you are seeking a reliable partner to realize the resource utilization of municipal solid waste, DataBeyond's intelligent sorting technology and extensive industry experience can tailor a solution to meet your needs.

Mixed Household Waste

Construction and Demolition Waste

Waste Electrical and Electronic Equipment

Commercial Waste

Industrial Waste

Organic Waste

Top Perfromance Of Product Combination

for Recycling Manufacturer to Establish "Dark Factory"

Mini & Medium AI Optical Sorter Series

- Applicable to large bottle recycling plants for secondary sorting of miscellaneous materials, cost-effective, and reducing labor costs.
- Applicable to bottle depot and small flake washing plant.
- Equipped with hyperspectral sensor.
- Equipped with mainstream domestic motors,200-type metal roller shafts, laser line-scan cameras, and an anti-rebound material catching bin.
- High-speed conveyor belt velocity 1.8m/s-2.2m/s.
- Identification accuracy≥99.6%.
- IP65 protection rate for electronic control system.
- IP65 protection rate for valve bank system.

Large AI Optical Sorter Series

- Applicable to large-Scale bottle flake washing plant's mainline or MRF， with high processing capacity and stability.
- Equipped with hyperspectral sensor, metal detector, fluorescence sensor and laser sensor.
- Equipped with German-imported SEW motors， 350-type metal roller shafts, laser line-scan cameras, and stainless steel dual-layer material catching bins.
- 3.5m/s-4.2m/s High-speed conveyor belt velocity.
- Identification accuracy≥99.6%.
- IP65 protection rate for electronic control system.
- IP65 protection rate for valve bank system.

Data-driven optimization

by DataBeyond Cloud Brain

123 2 t/h　**143** 3 t/h　**183** 4 t/h

Mini AI Optical Sorter Series

184 4 t/h　**204** 5 t/h

Medium AI Optical Sorter Series

106 4 t/h　**146** 5 t/h　**206** 8 t/h　**286** 10 t/h

Large AI Optical Sorter Series

1.Model Explanation

184
- 4 indicates a conveyor length of 4 meters
- 18 indicates a conveyor width of 1.8 meters

2.Configurations are subject to change, please refer to the actual configuration.

3.The equipment capacity is related to the actual working conditions, please refer to the actual conditions.

4.The above feeding amount is taken as an example of PET bottles.

AI Optical Sorter

FASToAi®

An AI Optical Sorter with "Human-like" Judgment Capabilities

The upgrade generation of AI optical sorter, FASToAi®, boasts industry-leading AI identification capabilities. It integrates DataBeyond's independently developed high-speed conveyor belt, with the entire machine 100% produced by DataBeyond. It can flexibly incorporate hyperspectral sensors, fluorescence sensors, metal detectors, laser sensors, X-ray sensors, and more. Data-driven optimization by DataBeyond Cloud Brain, continuously making recycling smarter.

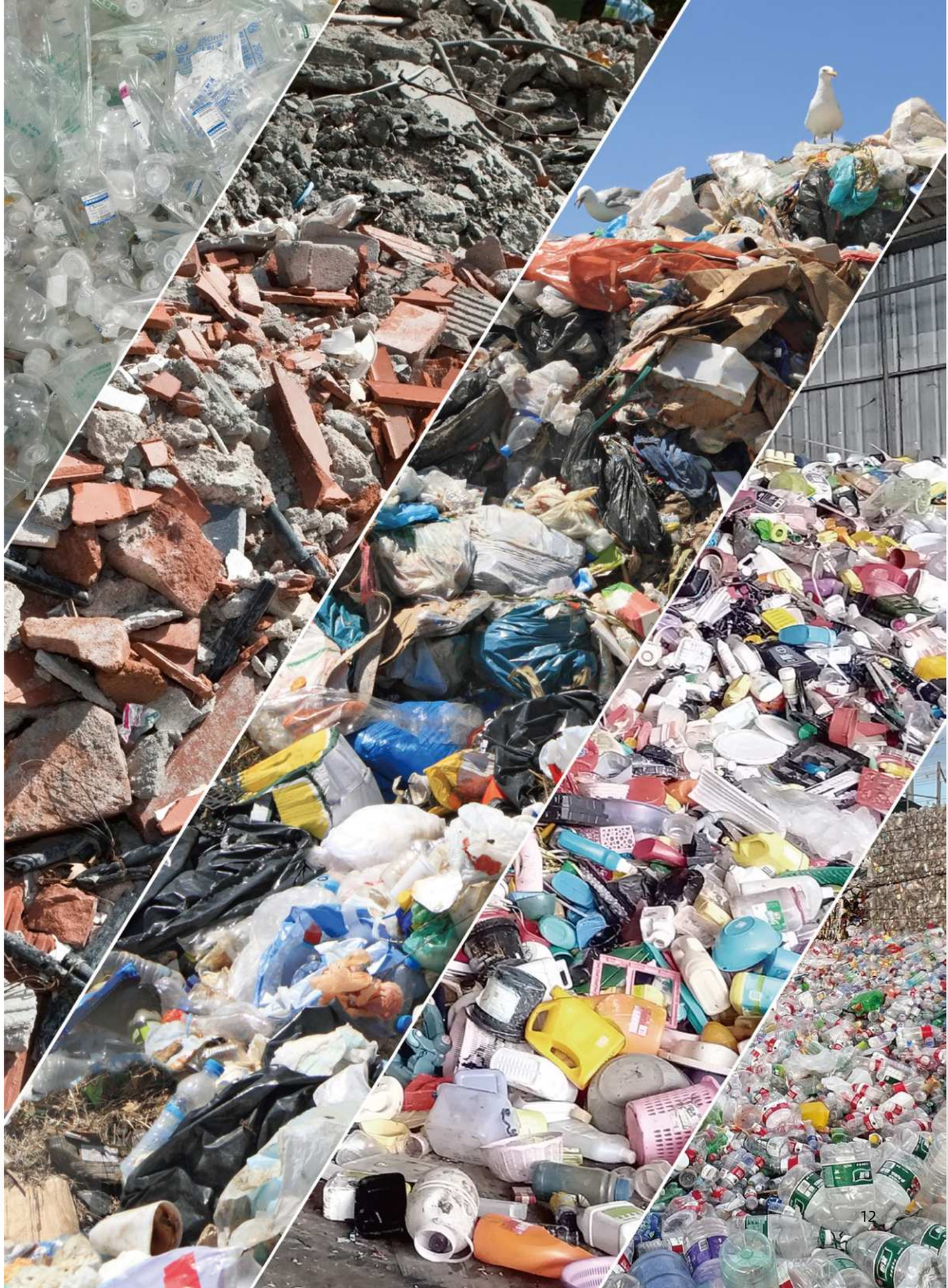
- The upgrade generation FLYinVision™ technology supports to conveyor belt speed of 4.2m/s, increasing throughput by 20% compared to the previous generation.
- The feeding of PET bottles can reach up to 10 tons per hour, while the mixed plastic input can go as high as 15 tons per hour.
- The upgrade generation identification technology ensures a detailed view of small objects and subtle errors with exceptional precision.
- 3.5m/s-4.2m/s High-speed conveyor belt velocity.
- Featuring a completely redesigned exterior, integrated body for enhanced durability and stability, capable of operating in ultra-low temperature environments down to -35℃.

Model	106	146	206	286
Working Width	1000mm	1400mm	2000mm	2800mm
Power	6kw	8.5kw	11kw	12kw
Weight	1600kg	2800kg	4600kg	5000kg
Sorting Accuracy	≥99.6%			
Operating Voltage	**Configurable to meet varying electrical requirements in different countries**			

*The above data is for reference only; please refer to the actual equipment for accuracy. Sorting accuracy may vary due to differences in incoming materials.

Applications

- Mixed Municipal Waste Sorting
- Construction and Demolition Waste Sorting
- Industrial and Commercial Waste Sorting
- Medical Waste Sorting
- Garden Waste Sorting
- Bulky Waste Sorting
- Food Waste Sorting
- Organic Waste Sorting
- Mixed Household Plastic
- PET Bottle Sorting
- HDPE Bottle Sorting
- PP Food Container Sorting
- Paper Waste Sorting
- Electronic Waste Sorting
- Automobile Recycling and Sorting
- Metal Sorting
- Power Electronic Sorting
- Recyclable Waste Sorting



AI Optical Sorter

FASTeAi·SPEC®

Capable of Simultaneously Identifying 256 of Materials, Including the Sorting of Plastic Films

- Known as the AI & SPEC Optical Sorter， equipped with 「laser line scanning camera」and 「hyperspectral sensor」，leading the industry in identification capabilities.
- Identification of plastics, paper, and textiles in 256 spectral bands.
- Clear identification of PC, PVC, PETG, PP, PE, and composite materials, ensure that the product's impurities do not exceed the standard.
- Sorting paper, such as corrugated paper, yellow cardboard, decorative paper, book paper, office paper, newspapers, kraft paper, egg trays.

Model	106	146	206	286
Working Width	1000mm	1400mm	2000mm	2800mm
Power	7kw	9.5kw	13kw	14kw
Weight	1600kg	2800kg	4400kg	5000kg
Sorting Accuracy	≥99.6%			
Operating Voltage	**Configurable to meet varying electrical requirements in different countries**			

*The above data is for reference only; please refer to the actual equipment for accuracy. Sorting accuracy may vary due to differences in incoming materials.

Applications

- PET
- PP container
- HDPE
- Low-Value Recyclables
- Municipal Solid Waste
- Material Recovery Facilities
- Paper Waste
- Textiles
- Medical Plastic Recycling
- Mixed Household Waste
- Construction and Demolition Waste
- Electronic Waste
- Commercial Waste
- Industrial Waste
- Organic Waste

AI Optical Sorter

FASToAi·FLUO®

Before Crushing, Fluorescent and Aging Bottles Can Be Separated.

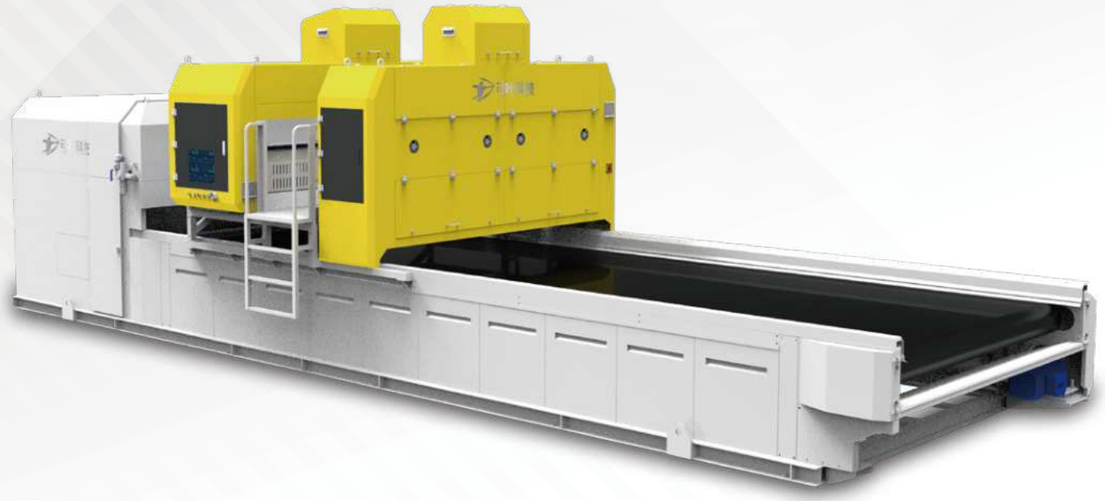
- Equipped with the industry's first「laser line scanning camera」and「fluorescent sensor」, providing a unique advantage over competitors
- At the whole-bottle process, separated aged bottles, faintly fluorescent bottles, and fluorescent bottles that are imperceptible to the human eye, ensuring the quality of the back-end bottle flakes.
- Equipped with AI identification system,not only simultaneously separate oil bottles, self-adhesive label bottles, bottles with residual labels, and mixed color bottles, but also saving on labor costs.
- FASToAi·FLUO®——Quality management expert that provided exceptional Identification to establish "Dark Factory".

Model	106	146	206	286
Working Width	1000mm	1400mm	2000mm	2800mm
Power	6.5kw	9kw	12kw	13kw
Weight	1600kg	2800kg	4600kg	5000kg
Sorting Accuracy	≥95%			
Operating Voltage	**Configurable to meet varying electrical requirements in different countries**			

*The above data is for reference only; please refer to the actual equipment for accuracy. Sorting accuracy may vary due to differences in incoming materials.

Applications

- PET Bottle Sorting
- Bottle To Bottle Recycling
- Municipal Solid Waste
- Material Recovery Facilities



AI Optical Sorter

FASTeAi · SPEC · FLUO™

AI- Color-Material-Flou 4D Optical Sorter
「Laser Line Scanning Camera」Combined With 「Hyperspectral Camera」 And 「Fluorescent Sensor」

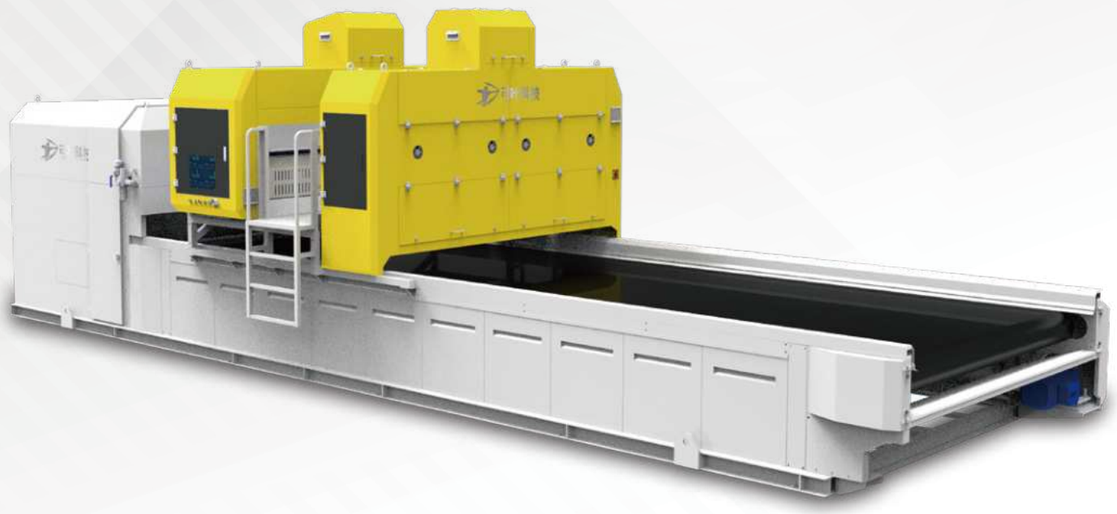
- Applied in the final process of whole-bottle sorting to improve product quality, detect that "cannot be identified by the human eye" and separate miscellaneous materials.
- Users can set miscellaneous materials by themselves, such as faintly fluorescent bottles, fluorescent bottles , oil bottles, aged bottles, trays, bottles of different material & various colors, soiled bottles, self-adhesive label bottles, bottles with label residue, etc.
- Achieves "machine replacing human" in the quality inspection process, reducing labor costs.
- Guard the final process of whole-bottle sorting,to establish "Dark Factory."

Model	106	146	206	286
Working Width	1000mm	1400mm	2000mm	2800mm
Power	7.5kw	10kw	14kw	15kw
Weight	1600kg	2800kg	4600kg	5000kg
Sorting Accuracy	≥99.6%			
Operating Voltage	**Configurable to meet varying electrical requirements in different countries**			

*The above data is for reference only; please refer to the actual equipment for accuracy. Sorting accuracy may vary due to differences in incoming materials.

Applications

- High Quality Flakes Production
- Food Grade Bottle to Bottle Recycling



Mixed plastic flakes sorter

MiXAi · SPEC

Expert in Crushing and Sorting Mixed Plastic

- Capable of sorting various materials without washing, with capacities of 2 to 8 tons per hour.
- Equipped with a 256-band hyperspectral sensor to sort PP, PE, PC, PVC, PET, PA, PMMA, ABS, and hundreds more.
- Suitable for automotive, construction, industrial, and household plastics, No matter how large or mixed the materials are.

Applications

- PE Shredded Material
- PP Crushed Material
- Bulky Household Waste
- Automotive Plastics
- Food Container Fragments
- Blister Sheet Crushed Material
- Industrial Plastics
- Construction Plastics and more

Application size

20mm-80mm

Automotive engineering plastics, construction engineering plastics, industrial plastics, general household plastics, etc.

↓

Crushed, no cleaning required, directly sorts materials into 20mm-80mm sizes

↓

One-click switching for sorting types
Capable of individually sorting hundreds of materials such as PP, PE, PC, PVC, PET, PA, PMMA, ABS, and more

FASTeAi · SPEC® · AiR

Innovative aerodynamic design

- Innovative aerodynamic design of the whole machine, specialized in lightweight materials sorting.
- Active airflow and high-speed conveyor belt synchronization, to ensure uniform, flat and stable material delivery
- The new type of catching bin can achieve the optimal flight path of lightweight materials, reducing floating and turbulence.
- Running speed up to 4.2m/s, 50% higher processing capacity.

Ensuring high quality and high processing capacity in the sorting of paper and film

- Accurate identification of material, color and type with AI+SPEC hyperspectral recognition system
- Reduction of lightweight materials wrapping and dragging,minimizing material mis-selection and loss.

Applications

Milk flexible packaging (food-grade), edible oil flexible packaging (food-grade), aluminum-plastic composite flexible packaging (can be sorted by brand), other plastic bags, plastic film, industrial waste, construction and demolition waste , wrapping film, bags, etc. in mixed household waste.

Application size: 50mm-500mm **Conveyor belt velocity:** 4.2m/s

PiCKiNG · Ai®

The AI-powered high-speed sorting robot PiCKiNG·Ai® can simultaneously sort various materials. It offers the option to choose suction or grasp two types of fixtures.
In addition, artificial intelligence embedded in systems also enables seamless analysis of sorted products, enable the digitization and visualization of the entire sorting process, making the future plants even smarter. The DataBeyond AI robot and AI optical sorter are excellent product combination.

- New Generation AI identification system
- New Generation FLYinVision™
- Smart Collaboration of 'hands + eyes + brain'
- Over 99% Sorting Accuracy

Applications

- Recycling Resource Sorting
- Municipal Solid Waste Sorting
- Food Sorting

Model	PiCKiNG·Ai T1	PiCKiNG·Ai T2
Ejection method	Suction	Clamping
Maximum sorting range	diameter 1600mm	diameter 1600mm
Maximum Sorting Weight	0.5kg	2kg
Power	6kw	8kw
Sorting Accuracy	≥99%	
Working Voltage	Configurable to meet varying electrical requirements in different countries	

*The above data is for reference only; please refer to the actual equipment for accuracy. Sorting accuracy may vary due to differences in incoming materials.

PiCKiNG · EASY®

PiCKiNG·EASY® is an AI heavy-duty sorting robot arm by DataBeyond, autonomously identifies and removes large-sized meterial, such as wood, plastic, woven bags, fabrics, foam, metal, shoes, etc. effectively reducing manual labor intensity and achieving optimal performance when integrated with DataBeyond optical sorter.

- Heavy-duty and Long-Travel Anti-collision Robot.
- Seamless analysis of sorted products, enable the digitization and visualization of the entire sorting process, making the future plants even smarter.
- Over 99% Sorting Accuracy

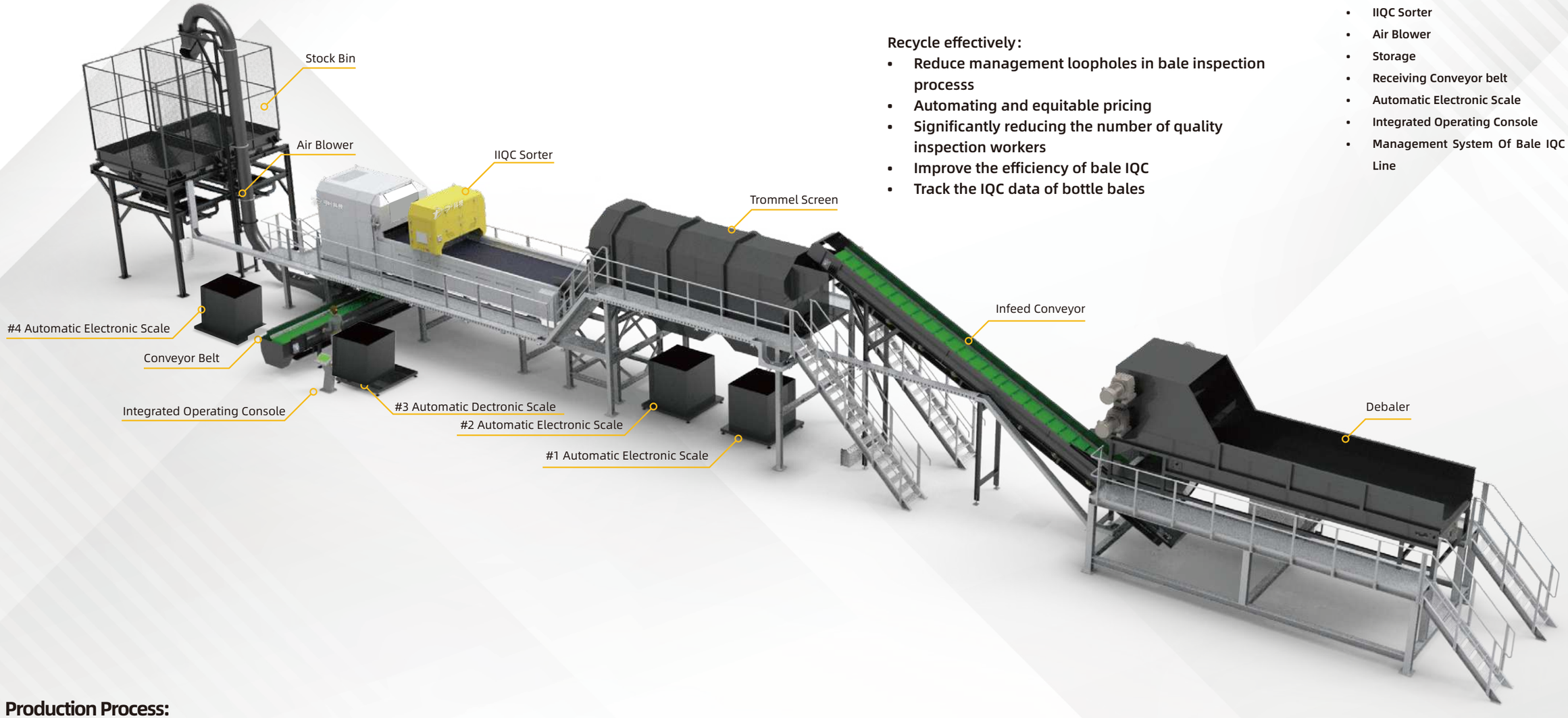
Applications

- Construction and Demolition Waste Sorting
- Bulk Waste Sorting

Model	PiCKiNG·EASY S3	PiCKiNG·EASY S2	PiCKiNG·EASY S1
Number of Robots	One-to-one	One-to-one	One-to-one
Maximum sorting Range	2000mm×2000mm	2000mm×2000mm	2000mm×2000mm
Maximum Sorting Weight	5kg	10kg	20kg
Power	8kw	14kw	18kw
Sorting Accuracy	≥99%		
Working Voltage	Configurable to meet varying electrical requirements in different countries		

*One-to-one means one central processing unit (CPU) controls one robot; it can be designed as one-to-two, where one CPU simultaneously controls two robots.
*The above data is for reference only; please refer to the actual equipment for accuracy. Sorting accuracy may vary due to differences in incoming materials.

IQC Line Of Plastic Bales



Highlight :

Automated detection on rigid plastic bottle bales, including PET and PE,analyzing the weight proportions of various plastic bottles and miscellaneous materials.

Recycle effectively:

- Reduce management loopholes in bale inspection processs
- Automating and equitable pricing
- Significantly reducing the number of quality inspection workers
- Improve the efficiency of bale IQC
- Track the IQC data of bottle bales

System list :

- Debaler
- Infeed Conveyor
- Trommel Screen
- Vibration Feeder
- IIQC Sorter
- Air Blower
- Storage
- Receiving Conveyor belt
- Automatic Electronic Scale
- Integrated Operating Console
- Management System Of Bale IQC Line

Production Process:

Weighing	Unpacking	Miscellaneous Materials Reject	Quality Inspection	Miscellaneous Materials Weighing	Report
Weigh bale after Scanning code Feed bale after Scanning code	Unpack bottle bales with debaler	Separation and rejection of miscellaneous materials by the trommel screen.	QC check by AI optical sorter	Weigh Miscellaneous materials automatically	After completed IQC, the system automatically generates of IQC reports and sends to finance and related staff.

Overall Solution Design and Construction

Zhejiang Quzhou rPET “Dark Factory”

We can offer you expert advice and provide the most suitable solutions:

- Complete Factory Process Diagrams
- Factory-wide Power Calculations
- Logistics Planning for The Entire Facility
- Overall Equipment Layout Plans
- Comprehensive Equipment Lists

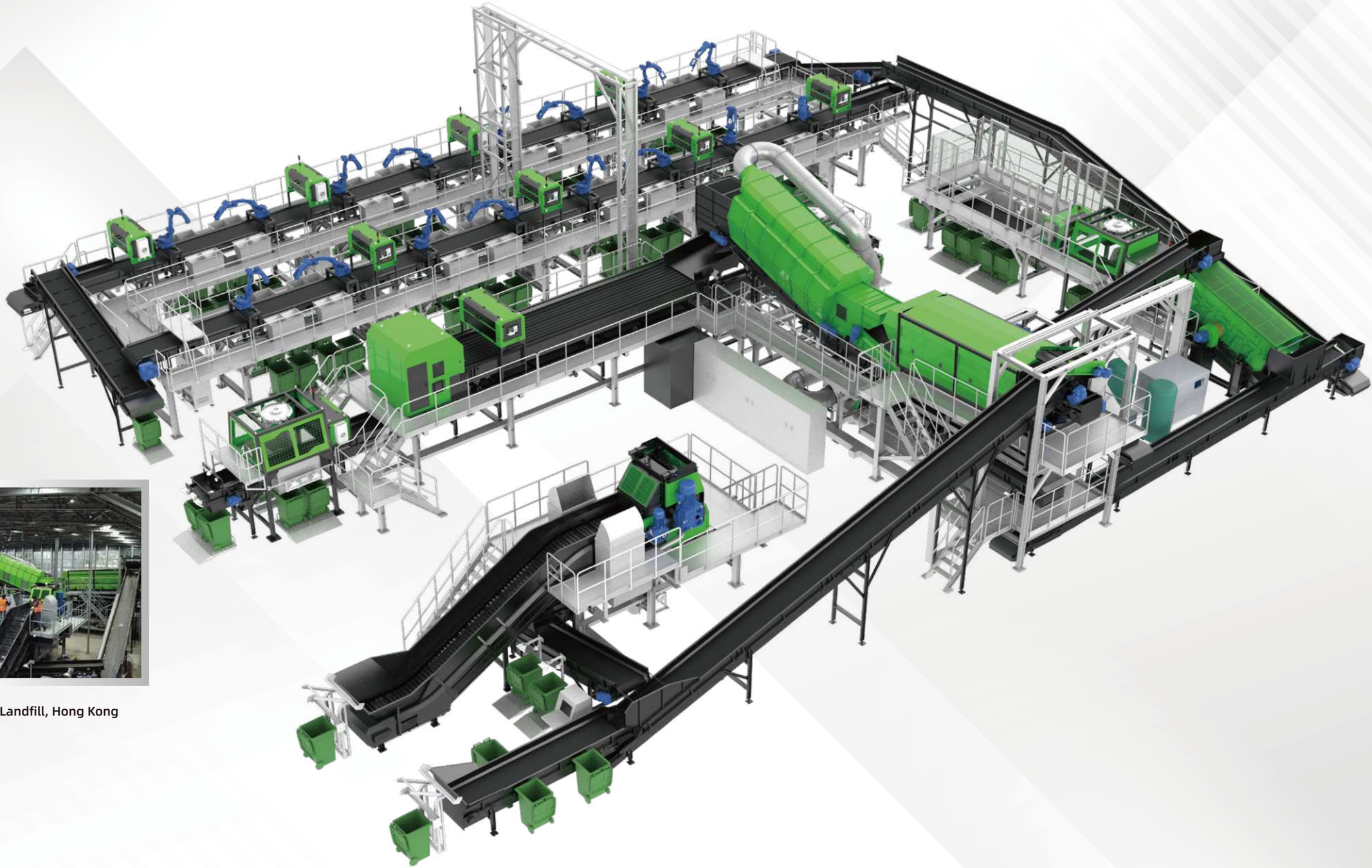
Address:Quzhou city, Zhejiang province

Annual Capacity:100,000 tons.

Delivery: yes

Overall Solution Design and Construction

MSW Sorting Center for the HongKong Environmental Protection Dapartment



Address:New Western Boundary Landfill, Hong Kong

Unit:HKEPD

Delivery: yes

Overall Solution Design and Construction

Fully Automated Digital sorting line for Mixed Plastic in Taiwan, China

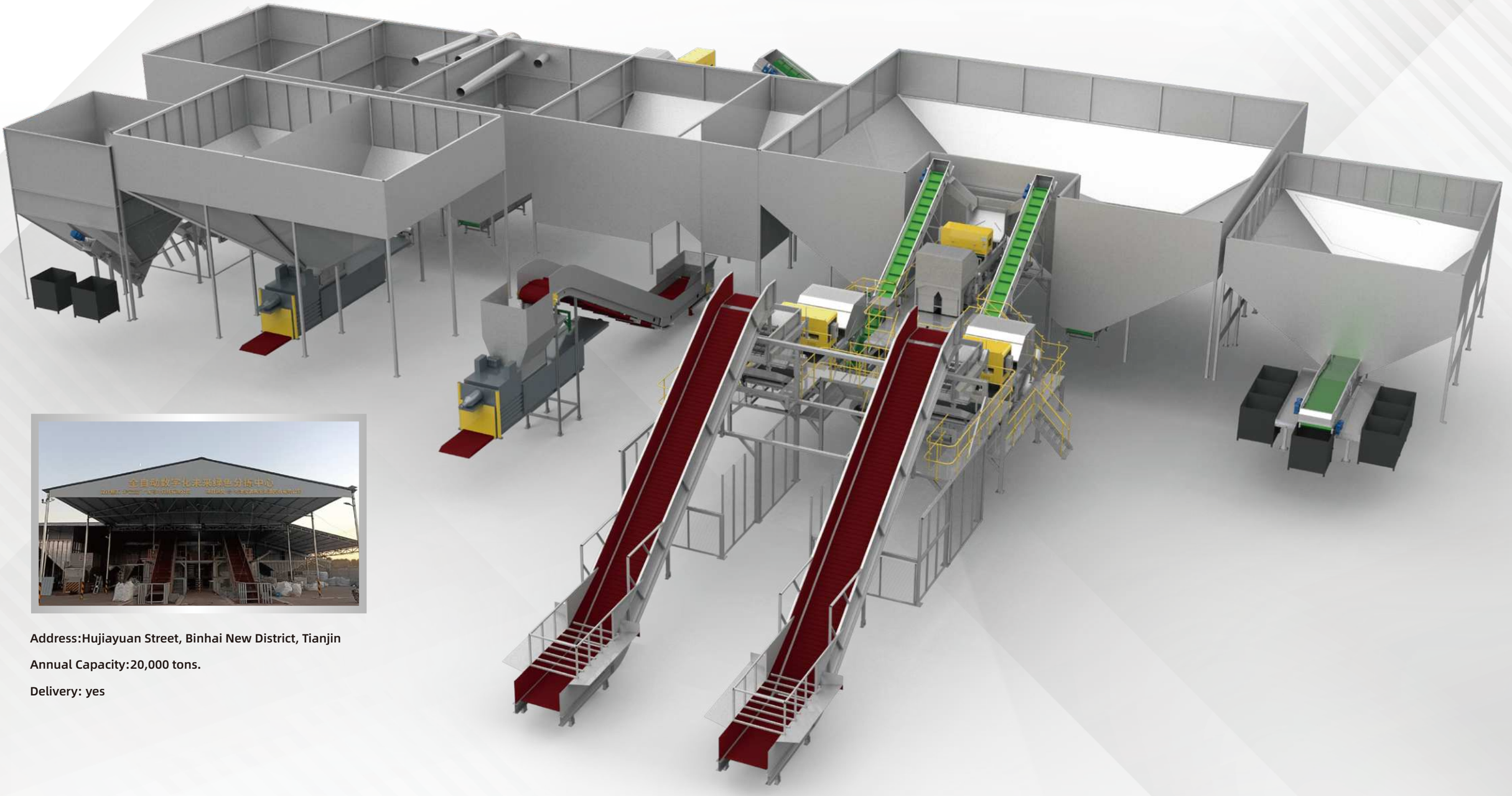
Address:Taichung City, Taiwan

Annual Capacity:30,000 tons.

Delivery: yes

Overall Solution Design and Construction

Fully Automated Digital sorting line for MRF, Tianjin, China



Address:Hujiayuan Street, Binhai New District, Tianjin

Annual Capacity:20,000 tons.

Delivery: yes

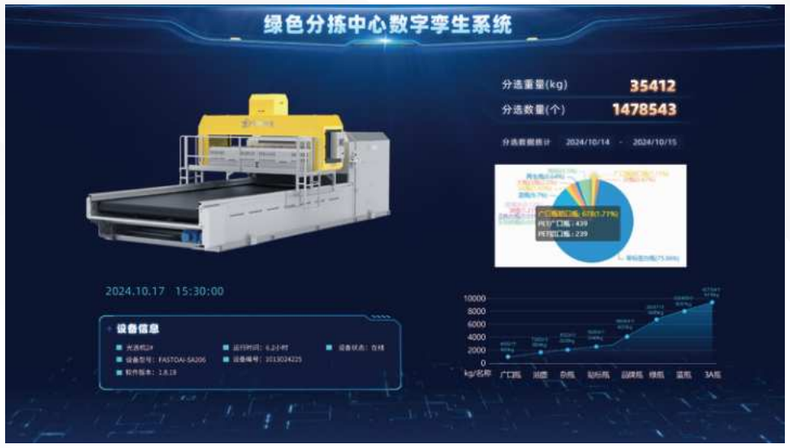
MRF Digital Display Platform

Digital Twin System

The digital twin system, comprising physical and digital spaces with virtual-physical interactions, greatly enhances the automation and control of MRF, covering weighing, unloading, sorting, and packing. It allows comprehensive monitoring of production and equipment performance to ensure product quality.

Intelligent Settlement System

The system includes smart weighing, impurity deduction, and settlement features. It can trace delivery vehicle details, driver information, recycling station locations, waste types, weights, delivery frequency, and rankings. This system integrates with ERP systems for seamless invoicing and financial confirmation.



MES Of Plastic Flakes Washing Plant

Eliminate Management Loopholes to Ensure Leading-edge Performance

Incoming materials management | QC management | Sorting management | Bottle Flakes Washing management | Shipping management

Functions of MES

- Historical data query
- Production data & schedule progress visualization
- System alarm and troubleshooting
- Real-time monitoring of material process
- Data display on Web and phone App end
- Seamless connection between MES and ERP system

Applications

- PET Flakes Washing Plant
- Chemical Fiber Plant
- Waste Collection center
- MRF
- C&D Waste Plant
- Paper Waste Plant

Test Center

Invest in Equipment with more Confidence

Before investing in equipment, be sure to find the sorting solution that best suits your factory. DataBeyond Dongguan Testing Center has a full range of intelligent sorting equipment, including optical sorters with various sorting functions, intelligent sorting robots, and other separaters. To provide you a visual understanding of the sorting capabilities of our machines , we have integrated these high-end intelligent equipment into a complete production line.

Together with our material experts and engineers, we help you find the best solution for your material recovery and sorting tasks. You are also welcome to visit our testing center and participate in the material testing process with us.

We provide you complete picture of DataBeyond's intelligent sorting equipment , covering processing capacity, sorting accuracy, reject rate, one-click material switching, quick setting of sorting recipes, and more. Based on this testing data, we will tailor a sorting solution that best suits your factory.

Our customer-focused testing services are free of charge. By using DataBeyond's material testing services, you can reduce the risks of investing in equipment, validate the sorting process, and ensure that the equipment you invest in is the best choice for your needs.

Due to diverse classification requirements from our clients, DataBeyond's Testing Center is the only facility in China that integrates various advanced sorting equipment, including AI optical sorters, AI hyperspectral optical sorters, whole-bottle fluorescence aging machines, AI material color fluorescence 4D optical sorters, and AI sorting robots. This comprehensive testing center is designed to offer personalized solutions tailored to meet your needs.

If you are unable to visit the testing center, we can conduct material testing according to your requirements and provide you with detailed test reports and complete testing videos.

DataBeyond,
Deserving of Your Trust!

Extensive Experience

With thousands of successful cases in automated sorting of recycled resources, we have accumulated extensive experience. We are not just your equipment supplier but also a partner you can trust. In the waves of technological advancement, we accompany you and your business in mutual growth.

Top Investment Institutions

With a professional technical background, strong productization capabilities, and rapid market share, we have gained the trust of top investment institutions such as Legend Capital, Fortune Venture Capital, Sequoia China, and others. Our financing amount has reached several hundred million dollars.

Our Values

Our core principles and values: honesty, efficiency, integrity, and responsibility. In our actions, we work efficiently within an atmosphere of open and honest communication. In our thinking, we adhere to the right path, never resorting to unscrupulous methods. We approach every customer, regardless of size, with a sense of responsibility and commitment.

Mission and Vision

All our actions align with the company's mission and vision—leading the global popularization of high-end intelligent sorting technology. We aim to make advanced intelligent sorting equipment accessible and beneficial for more recycling resources enterprises.

We Stay Focused

Since 2006, our team has consistently focused on the research, development, and commercialization of robotics and intelligent equipment. We are a top-notch professional team in the field of intelligent equipment and a partner you can trust.

We are DataBeyond

Our Chinese name 弓叶 is not just our name but also our commitment to society.

“弓” (bow) signifies a balance of tension and relaxation, a constant focus. It represents our dedication not only to the growth of our company but also to the happiness of our employees' families.

“叶 “(leaf) symbolizes that, no matter how powerful we become, ultimately, like leaves returning to their roots, we must give back to society.

Focused Sorting

Leading Innovation

Responsible Commitment