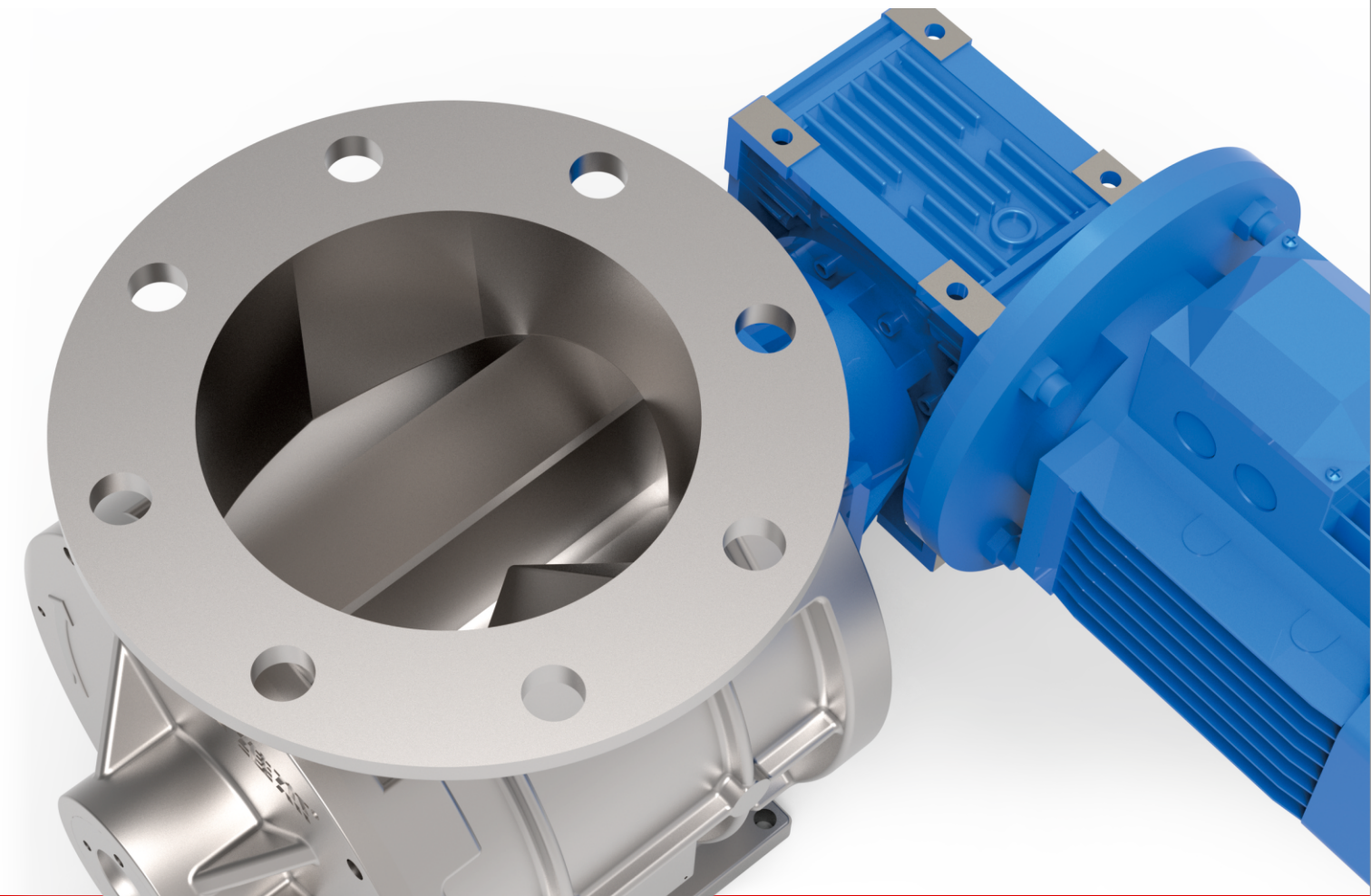




Guangdong Wijay Material Automation System Co., Ltd



Material Conveying Components

Wijay Public Account



Wijay wechat video number



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Wijay's Superior Quality

Established in 2012, Guangdong Wijay Material Automation System Co., Ltd. is situated in Songshan Lake, Dongguan City, Guangdong Province. The company operates from a standalone 5-story headquarters building, a 2,000 square meter technology research and development center, and a production facility spanning over 10,000 square meters. As a high-tech enterprise specializing in manufacturing high-quality material handling equipment, Wijay is recognized as a "Specialized and Sophisticated" enterprise and a Gazelle Enterprise, dedicated to delivering precise, durable, and cost-effective products and services tailored to diverse industries.

Since its inception, Wijay has remained committed to the manufacturing philosophy of "Minimalist Design, Ultimate Reliability." With a 12-year track record of supplying industries such as food and beverage, plastics and chemicals, new materials, and new energy, Wijay has earned a stellar reputation in designing and constructing digital factory production lines. Constantly pushing for technological advancement, Wijay strives for excellence in every detail. Our products have reached over 100 countries worldwide, significantly contributing to the rapid development of global manufacturing.



Weijie 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.



International Quality Standards



Comprehensive Safety Assurance



On-time and Efficient Delivery



Ultimate Cost-Effectiveness

Intelligent Manufacturing Center

20000m²

Production base

1000+

Cooperate

106+

Certificate

Provide one-stop pneumatic conveying system supporting solutions

As a leading provider of material automation solutions, the company boasts robust production capabilities and advanced technological expertise. Currently, the company operates three modern production bases located in Dalang, Dongguan, Guangdong, and Hengyang, Hunan, with a total area of 20,000 square meters, ensuring efficient production and rapid delivery.

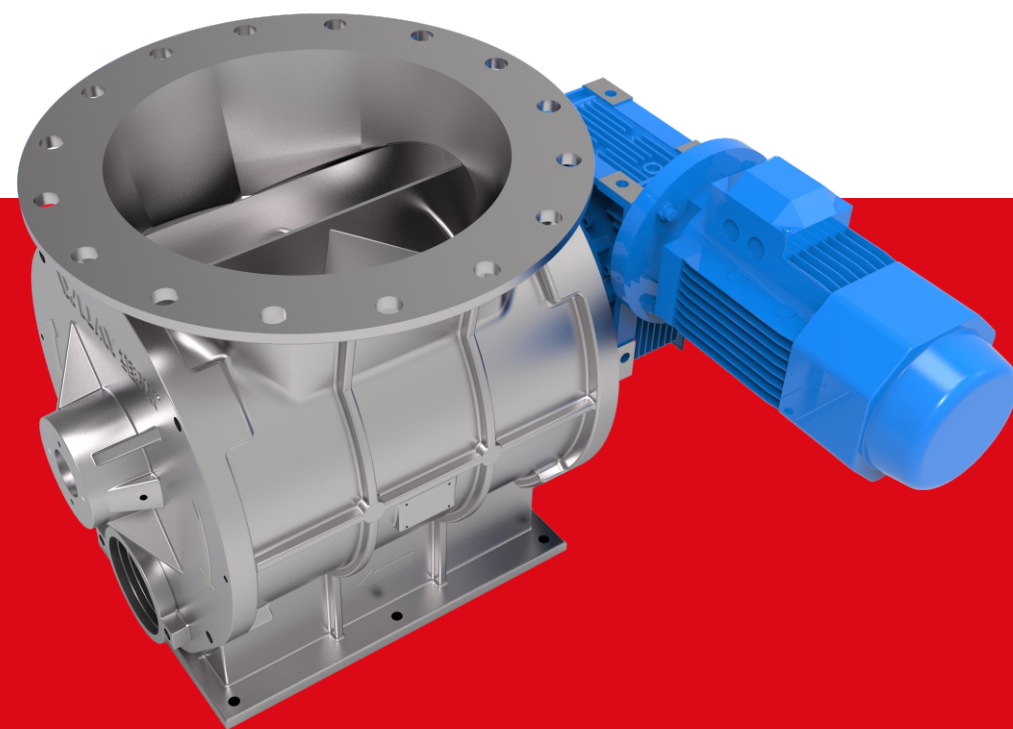
The Dalang factory in Dongguan is situated in the core area of the Pearl River Delta, benefiting from convenient transportation and a well-established supply chain. Equipped with state-of-the-art production machinery and testing instruments, the factory is supported by a seasoned technical team specializing in precision component processing and core equipment assembly, guaranteeing high accuracy and reliability of the products.

The two factories in Hengyang, Hunan, leverage local resource advantages to focus on the production of large-scale equipment and system integration. These factories utilize intelligent production lines and lean

management practices, significantly enhancing production efficiency and product quality, and are capable of meeting customers' demands for both large-volume and customized orders.

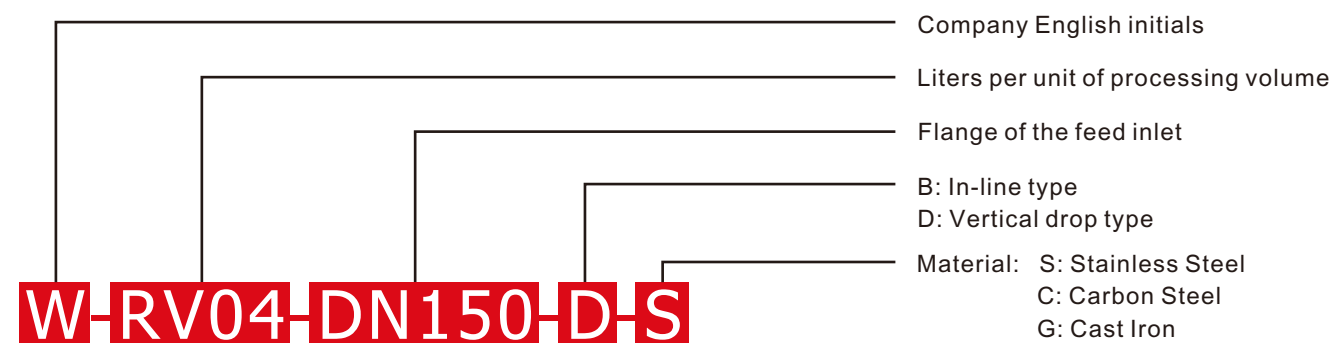
The three factories work in synergy, forming a complete industrial chain that spans from R&D and design to manufacturing, installation, and commissioning, providing customers with one-stop material automation solutions. The company consistently adheres to the philosophy of "minimalist design, ultimate reliability," and has earned widespread recognition from both domestic and international clients through its advanced technology, high-quality products, and comprehensive services.

Looking ahead, Guangdong Weijie will continue to increase its investment in R&D, enhance the level of production automation, and strive to become a global leader in the field of material automation.



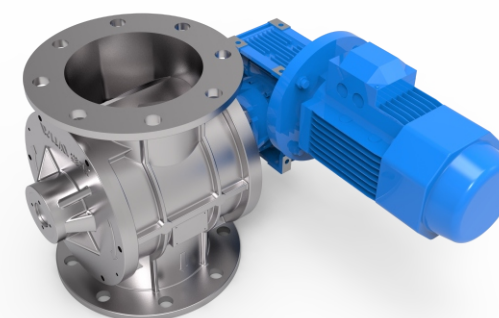
ROTARY VALVES

Definition of Symbols



Product Advantages

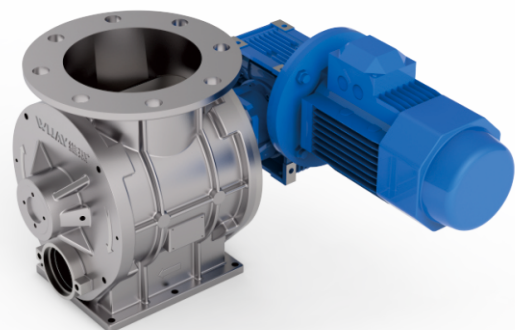
1. High-Precision Machining: Blade and housing clearance accuracy reaches 0.15mm, ensuring high precision and superior surface finish.
2. Optimized Blade Design: 12-blade configuration ensures 3-4 blades remain in the airlock position at all times, enhancing sealing performance.
3. Efficient Air Recirculation System: Equipped with air return ports to recirculate gas during positive pressure conveying, improving airlock efficiency and ensuring stable operation.
4. Air Blow Cleaning Function (Optional): For sticky materials, side air blow cleaning is available to effectively remove residue from the rotor, extending blade lifespan and meeting diverse project needs.
5. Precision Metering Rotor: Optional metering rotor with mirror polishing ensures accurate material discharge, meeting high-precision conveying requirements.
6. Eagle-Beak Inlet Design: The eagle-beak-shaped inlet provides shearing force, effectively preventing material clogging and ensuring continuous and stable system operation.



W-RV04-DN150-D-S

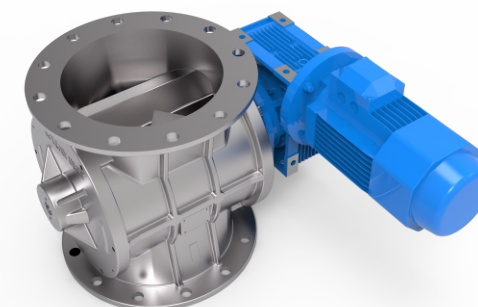
Motor power (KW)			Rotation speed (rpm/min)		
0.37	0.55	0.75	10	20	30
Discharge volume per revolution (L/rpm)					
5.7					
Temperature range (°C)					
-20~120					

ROTARY VALVES



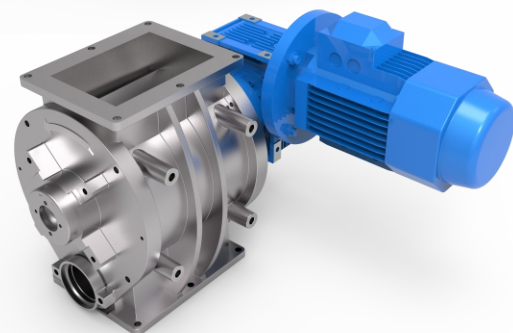
W-RV04-DN150-B-S

Motor power (KW)			Rotation speed (rpm/min)		
0.37	0.55	0.75	10	20	30
Discharge volume per revolution (L/rpm)					
5.7					
Temperature range (°C)					
-20~120					



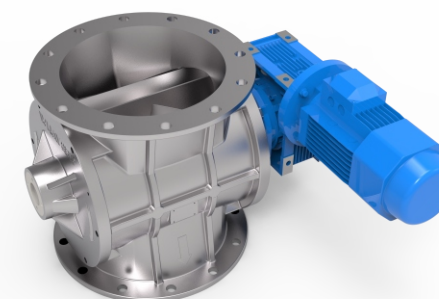
W-RV14-DN250-D-S

Motor power (KW)			Rotation speed (rpm/min)		
0.55	0.75	1.1	10	20	30
Discharge volume per revolution (L/rpm)					
14.4					
Temperature range (°C)					
-20~120					



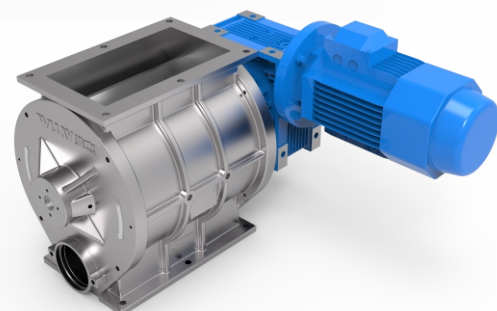
W-RV04-L174W122-B-S

Motor power (KW)			Rotation speed (rpm/min)		
0.37	0.55	0.75	10	20	30
Discharge volume per revolution (L/rpm)					
5.7					
Temperature range (°C)					
-20~120					



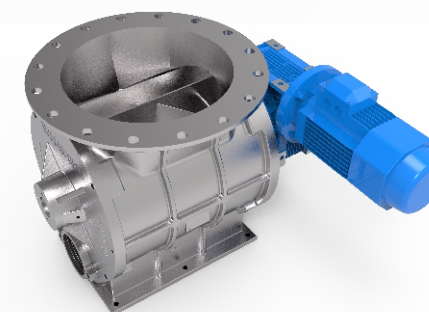
W-RV23-DN300-D-S

Motor power (KW)			Rotation speed (rpm/min)		
0.75	1.1	1.5	10	20	30
Discharge volume per revolution (L/rpm)					
20.6					
Temperature range (°C)					
-20~120					



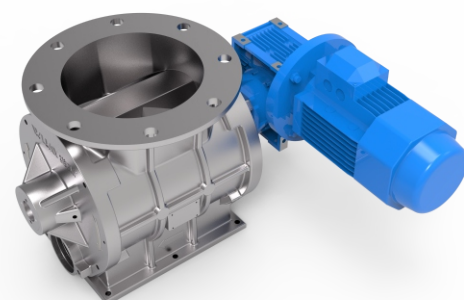
W-RV14-L278W152-B-S

Motor power (KW)			Rotation speed (rpm/min)		
0.55	0.75	1.1	10	20	30
Discharge volume per revolution (L/rpm)					
14.4					
Temperature range (°C)					
-20~120					



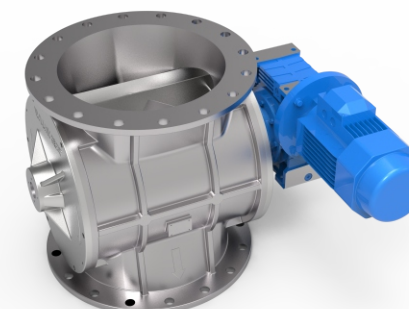
W-RV30-DN350-B-S

Motor power (KW)			Rotation speed (rpm/min)		
1.1	1.5	2.2	10	20	30
Discharge volume per revolution (L/rpm)					
32.5					
Temperature range (°C)					
-20~120					



W-RV09-DN200-B-S

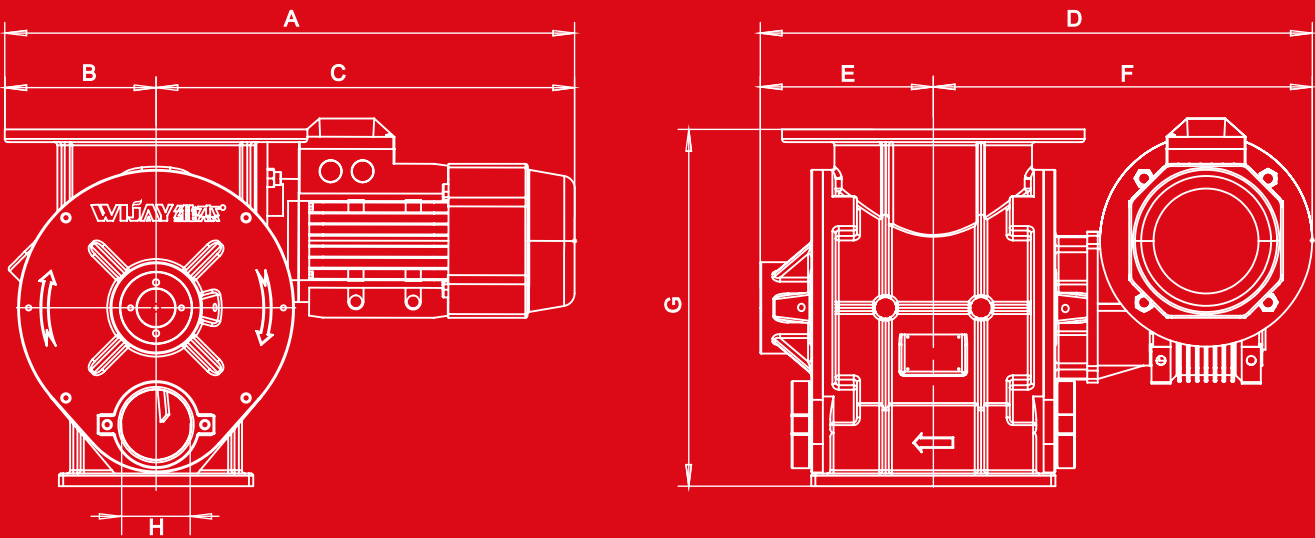
Motor power (KW)			Rotation speed (rpm/min)		
0.37	0.55	0.75	10	20	30
Discharge volume per revolution (L/rpm)					
9.8					
Temperature range (°C)					
-20~120					



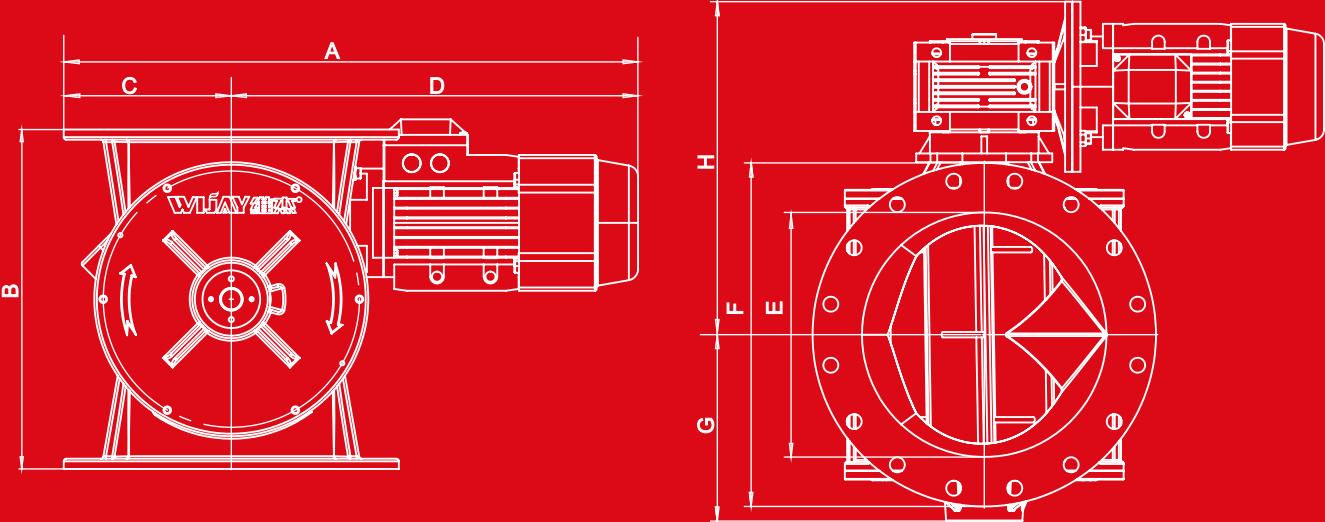
W-RV49-DN400-D-S

Motor power (KW)			Rotation speed (rpm/min)		
1.5	2.2	3	10	20	30
Discharge volume per revolution (L/rpm)					
51					
Temperature range (°C)					
-20~120					

Pneumatic Rotary Feeder Dimension Drawing



Gravity Rotary Feeder Dimension Drawing



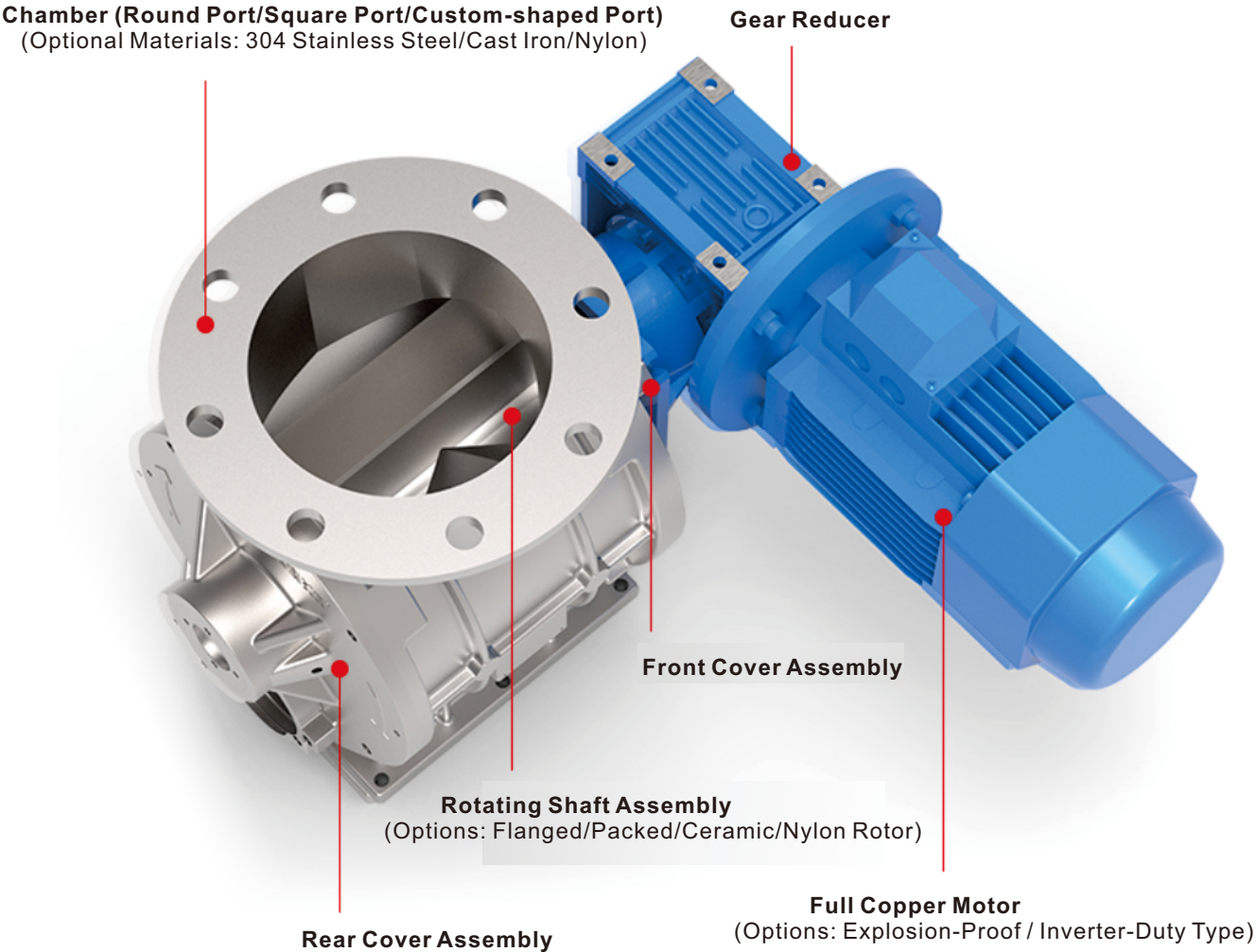
Pneumatic Rotary Feeder Dimension Table

Model	Dimensions (mm)								Motor and standard speed	
	A	B	C	D	E	F	G	H	(KW)	(rpm)
DN 150	537	142.5	394.5	530.7	163	367.7	336	71	0.55	30
DN 200	564.5	170	394.5	614	221	403	359	77	0.75	30
DN 250	677	197.5	479.5	619	212	407	418	90	1.1	30
DN 300	702	222.5	479.5	705.5	256	449.5	467.5	109	1.5	30
DN 350	752	252.5	499.5	763.5	274	489.5	520	109	2.2	30

Gravity Rotary Feeder Dimension Table

Model	Dimensions (mm)								Motor and standard speed	
	A	B	C	D	E	F	G	H	(KW)	(rpm)
DN 150	537.5	336	142.5	385	180	285	162	373	0.55	30
DN 200	565	350	170	395	221.5	340	211	403	0.75	30
DN 250	677	400	197.5	479.5	276.5	395	220	410	1.1	30
DN 300	702	440	222.5	479.5	327.5	445	256	449.5	1.5	30
DN 350	812.5	570	282.5	530	411	565	306	545	2.2	30

Product Function



1. Flow Control

The rotary airlock valve is primarily used to regulate the conveying rate of powdered or granular materials, ensuring stable flow during transportation and preventing process issues caused by flow fluctuations.

2. Sealing Performance

The rotary airlock valve features excellent airtightness, effectively isolating the internal environment of the dryer from external conditions to prevent cross-contamination and maintain material purity and safety. With a multi-seal design—including gaskets and sealing rings—the valve ensures zero leakage during operation, enhancing both production efficiency and product quality.

3. Material Conveying & Separation

When the valve opens, the passage formed between the rotor and housing allows for uniform material discharge, enabling precise metered conveying. In pneumatic conveying systems, the rotary airlock valve efficiently separates solid materials from airflow, facilitating directional material collection and gas recovery.

4. Clogging Prevention & Equipment Protection

The valve’s optimized internal design—incorporating specially shaped vanes or an eagle-beak-style discharge outlet—effectively prevents material accumulation or bridging, ensuring continuous and stable system operation while reducing equipment wear risks.

Product application scope

1. Chemical Industry

Rotary airlock valves are widely used for the continuous and metered conveying of powdered, granular, and mixed materials (e.g., catalysts). They enable precise flow control to meet strict dosing accuracy and stability requirements in production processes. Additionally, they operate reliably in toxic or corrosive environments, ensuring operational safety.

2. Petroleum Industry

In the petroleum sector, rotary airlock valves are primarily employed in conveying systems for solid materials such as petroleum coke and catalyst particles. By regulating discharge rates, they facilitate precise process control. Their high sealing performance prevents dust emissions or media leakage, ensuring safe operations. Furthermore, they are suitable for loading/unloading in storage tanks and gathering systems, improving handling efficiency.

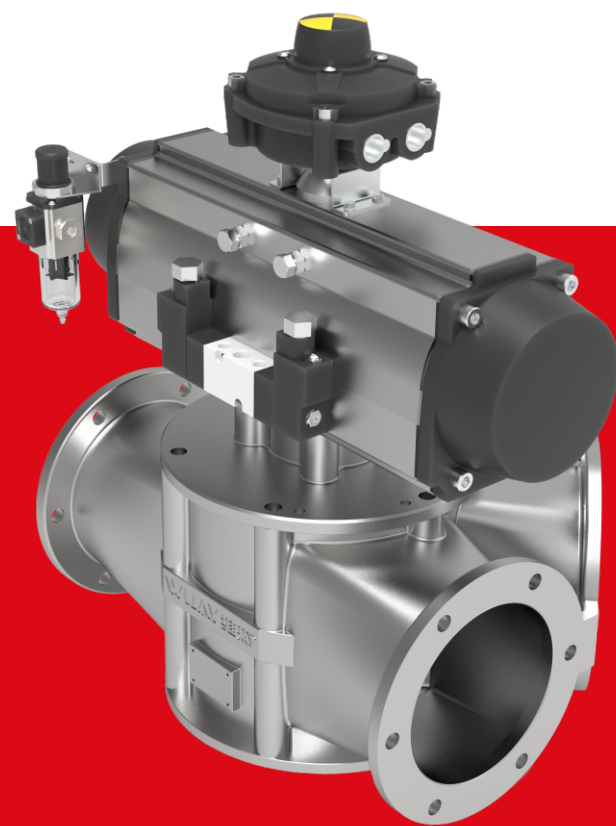
3. Food Industry

Rotary airlock valves are used for conveying powdered and granular food ingredients like flour, sugar, and salt. Constructed with food-grade stainless steel, they prevent material contamination. Their precision metering function ensures accurate batching ratios, maintaining consistent food quality.

4. Plastics Industry

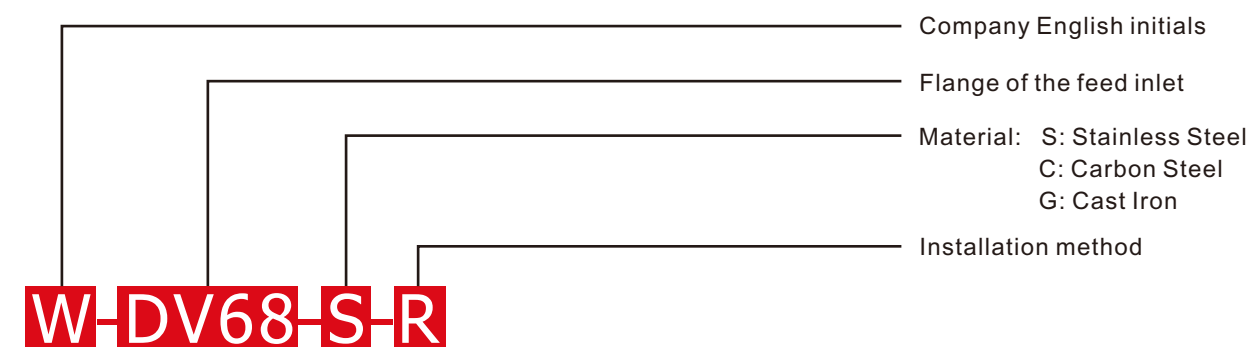
As a critical component in conveying systems for plastic pellets (e.g., PVC, PE, PP), rotary airlock valves facilitate continuous or intermittent discharge via rotating vanes. Designed with high sealing integrity and wear resistance, they withstand high-temperature and high-abrasion operating conditions.





DIVERTER VALVES

Definition of Symbols



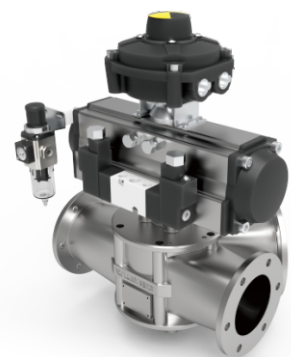
Product Advantages

1. Energy Efficient: Low-resistance design reduces pressure loss by 20%-30%, saving power and lowering consumption. Quick switching and precise flow division enhance conveying efficiency.
2. Ultra-long lifespan: Features a dual-seal structure (elastic + metal) with zero leakage, explosion-proof, and anti-contamination capabilities. Suitable for low-temperature and corrosion-resistant applications.
3. Smart Control: Supports PLC remote operation, compatible with automated production lines. Real-time monitoring of wear and temperature enables early fault warnings.
4. Easy Maintenance: Modular design allows part replacement in <30 minutes. Lubrication-free operation reduces upkeep costs.
5. Wide Applicability: Suitable for various materials like powders, granules, and fibers. Universally applicable in chemical, food, pharmaceutical industries, compliant with FDA/GMP standards.
6. Cost-Effective & Reliable: Customized solutions reduce downtime by 40%. Localized service ensures rapid after-sales response.



W-DV68-S-R

Angle	Pneumatic actuator
45°	AT 83 (135° 定制)
Solenoid valve	Temperature range (°C)
4M320-08	-20~120
Suitable pressure(MPa)	Filter regulator
-0.2-0.6	GFR200-08



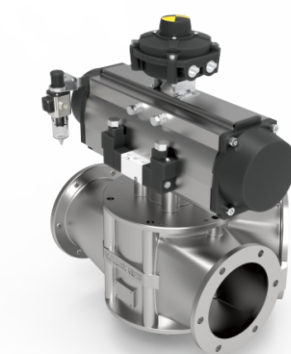
W-DV89-S-R

Angle	Pneumatic actuator
45°	AT92 (135° 定制)
Solenoid valve	Temperature range (°C)
4M320-08	-20~120
Suitable pressure(MPa)	Filter regulator
-0.2-0.6	GFR200-08



W-DV110-S-R

Angle	Pneumatic actuator
60°	AT105 (135° 定制)
Solenoid valve	Temperature range (°C)
4M320-08	-20~120
Suitable pressure(MPa)	Filter regulator
-0.2-0.6	GFR200-08



W-DV157-S-R

Angle	Pneumatic actuator
45°	AT140 (135° 定制)
Solenoid valve	Temperature range (°C)
4M320-08	-20~120
Suitable pressure(MPa)	Filter regulator
-0.2-0.6	GFR200-08



W-DV214-S-R

Angle	Pneumatic actuator
45°	AT140 (135° 定制)
Solenoid valve	Temperature range (°C)
4M320-08	-20~120
Suitable pressure(MPa)	Filter regulator
-0.2-0.6	GFR200-08

Product application scope

1. Powder/Granular Material Handling:Petrochemical, Food & Beverage, Papermaking, Coatings.
2. Grain & Agricultural Product Conveying:Grain Processing, Feed Production.
3. Mining & Metallurgy:Ore Processing, Coal Conveying, Metal Powder Handling.
4. Plastics & Rubber Industry:Plastic Pellet Conveying, Rubber Raw Material Processing.
5. Pharmaceutical & Fine Chemical Industry:Pharmaceutical Raw Material Transport, High-Precision Dosing of Fine Chemical Additives.

Application Industry

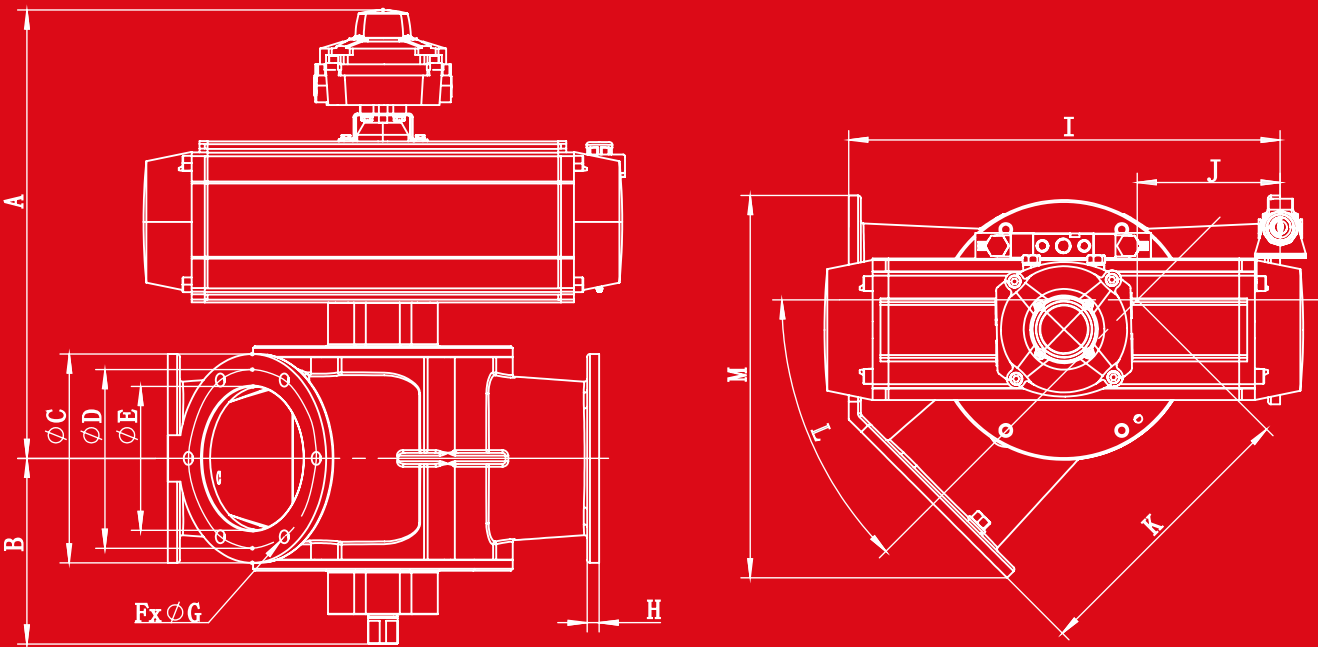


Raw Materials



Dimensional Parameters

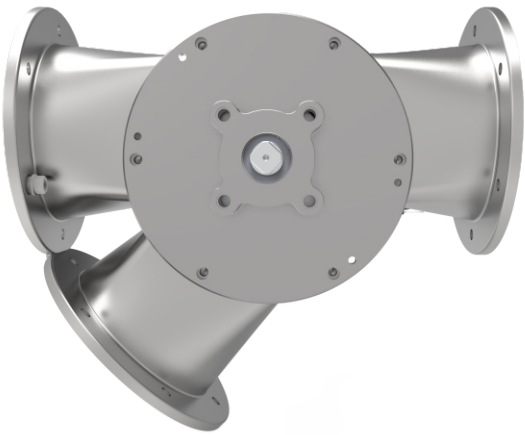
Directional Valve Dimensional Drawing



Directional Valve Dimensional Table

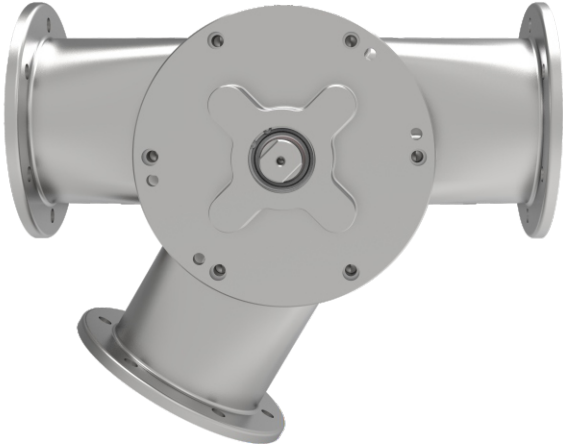
Model	Dimensions (mm)												Actuator Model
	A	B	C	D	E	FxØG	H	I	J	K	L	M	
DV 68	353	111.5	120	98	68	6xØ11	9	300	112	188	45°	235	AT92
DV 89	420	121.5	147	120	89	6xØ11	9	326	117.5	211	45°	275	At92
DV 110	388	132	178	145	110	6xØ11	9	382	160	229	45°	332	At105
DV 157	483	200	225	195	157	6xØ14	13	465	154	311	45°	412	At140
DV 214	499	216	311	263	214	6xØ14	13	556	180	377	45°	532	At140

Angle



1. K-Type Diverter (45° Angle Design)

- 1.Asymmetric Structure – Reduces pressure drop for improved flow efficiency
- 2.45° Optimized Angle – Ensures smooth and rapid flow direction switching
- 3.Adjustable Bidirectional Flow – Easy operation for flexible material routing
- 4.Dynamic Material Handling – Ideal for powder and granular material diversion



1. V-Type Diverter (60° Symmetrical Angle Design)

- 1. Symmetrical Structure – 60° optimized angle ensures balanced and stable bidirectional flow
- 2. High Compatibility – Suitable for both pneumatic conveying and gravity-fed systems, minimizing turbulence and clogging
- 3. Low Resistance & High Efficiency – Streamlined inner wall design reduces pressure drop by 15%~30% (depending on working conditions)
- 4. Instant Flow Switching – Enables bidirectional material diversion without adjustment

Weight Chart for Directional Valves

Model	Weight (kg)					
	Total Mass	Main Body	End Cap		Rotor	Motor Drive
			Drive Side	Non-Drive Side		
DV 68	19	6	1.6	1.8	2.6	7
DV 89	25.6	10	2.2	2.4	4	7
DV 110	50.6	16.3	3.4	3.6	16.3	11
DV 157	80.1	26	8.4	8.7	17	20
DV 214	107.1	44.6	10.6	10.9	21	20



DUST COLLECTOR

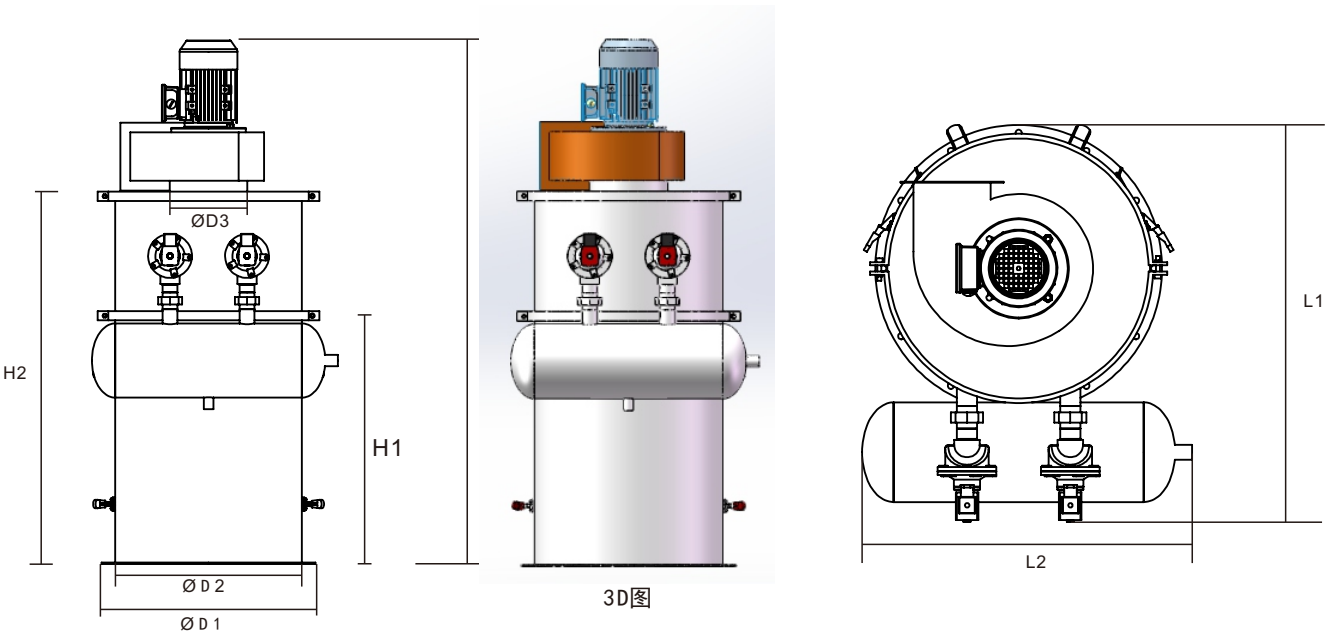
A dust collector is an environmental protection device used to remove dust, particulate matter, and other pollutants from the air. It is widely applied in industries such as manufacturing, construction, metallurgy, chemicals, power generation, and food processing to reduce air pollution and improve working conditions.

Product Advantages

1. High-Efficiency Purification: With over 99% filtration efficiency, it removes micron/submicron particles to ensure compliant emissions.
2. Environmental Compliance: Meets GB 16297, EPA, and other regulations, effectively reducing industrial pollution.
3. Health Protection: Lowers dust concentration, preventing occupational diseases (e.g., silicosis).
4. Resource Recovery: Recycles valuable materials like metal powder and wood chips, minimizing waste.
5. Smart Operation & Maintenance: PLC automatic control supports pulse-jet cleaning and vibration dust removal, reducing labor costs.
6. Strong Adaptability: Heat-resistant, explosion-proof, and corrosion-resistant, suitable for harsh environments.
7. Energy-Saving & Economical: Low-resistance design + frequency conversion technology ensures low energy consumption and operational costs.
8. Efficiency & Longevity: Reduces downtime, maintains equipment cleanliness, and extends production line lifespan.



Technical parameters of dust collector



Type	WJ-WFP400			WJ-WFP600			WJ-WFP800		WJ-WFP950	
Bolt center distance Ø1	433			628			808		1063	
Outer diameter of barrel ØD2	458			653			833		1088	
Negative pressure pipe size ØD3	88. 9			114. 3			114. 3		139. 7	
No.of bolt holes on bolt circle Lk	12xØ10			18xØ10			24xØ10		30xØ10	
Air intake zone [m²]	0. 12			0.33			0.50		0.7	
Maximum longitudinal width L1	605			730			905		1180	
Maximum transverse width L2	527			627			727		827	
No.of cartridges	4		8	7		17	14		28	
Weight of filter with door [kg]	48		57	86		102	114	133	147	17
Total filtering area [m²]	3.3	6.2	0.448	6.2	12	0.952	15	25	21	35
Cartridge length	520	920	300	520	920	300	520	920	520	920
Height of barrel H1	526		926	526		926	526	926	526	926
Total height H2	765		1115	1115		765	765	1115	765	1115
Total height with fan H	951		1301	1360		1040	1040	1390	1070	1420

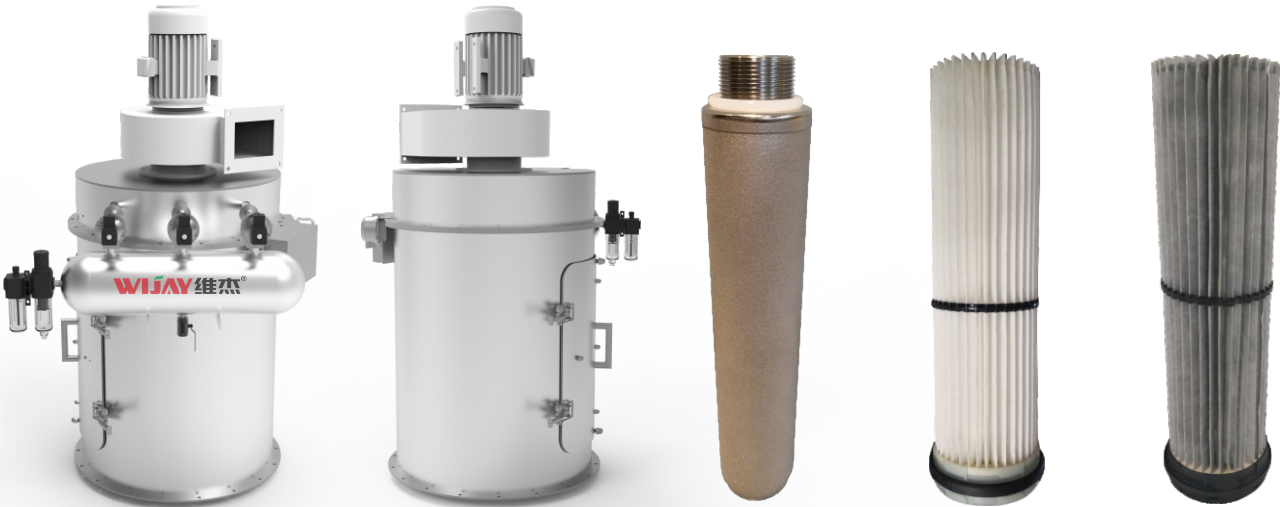


Dust collector design features

The modular-designed dust collector features compact size, high processing capacity, and maintenance-free advantages.

- The cylindrical dust collector housing is made of stainless steel and features a maintenance door or clamp for installation and removal.
- Equipped with quick-release filter cartridges and multiple filter options available.
- Includes a compressed air storage tank and pressure regulating valve.
- Configured with a 24V DC control solenoid pilot valve.
- Uses compressed air for pulse-jet cleaning of the filter cartridges.
- Optional dust removal fans with different power ratings.
- Optional dust collector controller available.

Dust collector and filter element display diagram



• Front • Back • Ti filter element • PP filter elemen • PB filter element

- Ti Filter Element: Excellent corrosion resistance to strong acids, alkalis, and solvents; high strength, withstands high temperature/pressure, stable performance. Supports backwashing and steam sterilization, reusable with long service life. Ideal for harsh conditions and high hygiene applications.
- PP Filter Element: Cost-effective, hydrophilic, suited for pre-filtration of liquids. Good chemical compatibility, resistant to acids and alkalis. Thermally bonded fibers, no release, high purity. An economical single-use depth filtration option.
- PB Filter Element: Better heat resistance than PP, withstands higher temperatures. Good chemical and hydrolysis resistance, high strength and durability. Commonly used in hot water filtration and chemical processes.



SCREW CONVEYOR

Screw conveyors are essential equipment in automated material handling systems, featuring simple structure and reliable operation. Compared to pneumatic and chain conveyors, they offer distinct advantages for short-distance continuous conveying, space-constrained layouts, and constant feeding applications, with benefits including stable efficiency, low cost, and easy maintenance. Particularly suitable for powder and granular materials, they serve as indispensable basic equipment in industrial production lines.

Product Advantages

1. Efficient Conveying: Designed with spiral blade propulsion for high conveying efficiency, large handling capacity, and continuous, uniform delivery, ensuring stable production processes.
2. Reliable Structure: Compact overall design with a small footprint. Core components are made of wear-resistant alloy for extended service life.
3. Sealed & Eco-Friendly: Fully enclosed design effectively prevents dust leakage, meeting environmental standards and improving the working environment.
4. High Adaptability: Supports horizontal, inclined ($\leq 20^\circ$), and multi-angle installation, suitable for conveying various materials like powders and granules.
5. Smart Control: Can be integrated into automated control systems, supporting variable frequency speed regulation for precise feeding.
6. Easy Maintenance: Modular design simplifies inspection and repair, with low operational failure rates and reduced maintenance costs.
7. Customizable Options: Special models available (e.g., explosion-proof, high-temperature resistant), with customizable specifications to meet process requirements.



Product details



The screw conveyor is a continuous conveying equipment that utilizes a motor-driven rotating spiral shaft to transport materials axially within an enclosed or open trough. Operating on the principle of mechanical propulsion, it efficiently handles the horizontal, inclined, or vertical transportation of powders, granules, and small lump materials. Characterized by its enclosed conveying process and flexible configuration, it serves as a core component in short-distance material handling systems for modern industries such as chemical processing, food production, and building materials.

Model	W-SC150-L1500	W-SC200-L1500	W-SC250-L1500	W-SC300-L1500	W-SC350-L1500
Specs	WJ320*5. 15m	WJ320*4. 725m	WJ480*5. 2m	WJ400*4. 7m	WJ450*7. 13m
Flow Rate (m³/h)	15~20	25~35	40~55	60~80	80~110
Conveying Speed	90~150 rpm	80~120 rpm	70~100 rpm	60~90 rpm	50~80 rpm
Ambient Temperature	-20~40° C	-20~40° C	-20~40° C	-20~40° C	-20~40° C
Housing Material	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel	Carbon Steel / Stainless Steel
Housing Panel Thickness	3mm	3mm	4mm	4mm	5mm
Blade Shaft Specifications	133*8mm	133*8mm	133*8mm	133*6mm	133*8mm
Shaft Core Specifications	120mm	120mm	120mm	110mm	120mm

Product display



Common Types of Screw Conveyors

- Tubular Screw Conveyor
- U-Trough Horizontal Screw Conveyor
- Horizontal Screw Conveyor
- Vertical Screw Conveyor
- Inclined Screw Conveyor.

The screw conveyor equipment mainly consists of a motor, reducer, screw shaft, and housing, featuring a compact structure, stable operation, and easy maintenance.



SMALL BAG FEEDING STATION

A Feeding Station is an intelligent industrial, agricultural, or laboratory device designed to automate the conveying, measuring, dispensing, and delivery of materials. By minimizing manual intervention, it enhances production efficiency, accuracy, and consistency while reducing labor costs and operational risks.

Product Advantages

1. High-Precision Machining: Blade and housing clearance accuracy reaches 0.15mm, ensuring high precision and superior surface finish.
2. Optimized Blade Design: 12-blade configuration ensures 3-4 blades remain in the airlock position at all times, enhancing sealing performance.
3. Efficient Air Recirculation System: Equipped with air return ports to recirculate gas during positive pressure conveying, improving airlock efficiency and ensuring stable operation.
4. Air Blow Cleaning Function (Optional): For sticky materials, side air blow cleaning is available to effectively remove residue from the rotor, extending blade lifespan and meeting diverse project needs.
5. Precision Metering Rotor: Optional metering rotor with mirror polishing ensures accurate material discharge, meeting high-precision conveying requirements.
6. Eagle-Beak Inlet Design: The eagle-beak-shaped inlet provides shearing force, effectively preventing material clogging and ensuring continuous and stable system operation.



Product details



Product name	Small Bag Feeding Station
Overall Dimensions	Customizable
Driving Mode	Electric/Pneumatic
Body/Hopper Material	Stainless Steel
Conveying Capacity	1 t/h-5t/h
Connection Type	Flange
Operating Principle	Gravity Flow/Pneumatic Conveying
Pressure Environment	Vacuum/Positive Pressure
Temperature Environment	Room Temperature
Valve Standard	GB/T
Applicable Industries	Food、Chemical Industry、Plastics、New Energy、New Materials
Suitable Media	Solid Materials（Powder、Granular Materials、Powder-Particle Mixture）
Brand	WIJAY

Product Advantages

We can tailor high-efficiency and intelligent feeding station solutions to your specific operational needs. Whether it's harsh high-temperature and high-pressure environments, sterile workshops with stringent cleanliness requirements, or compact spaces with limited room, our professional team leverages extensive industry experience to design personalized feeding systems with outstanding performance and stable operation.

Adopting a modular design philosophy and equipped with advanced automated control systems, we ensure feeding accuracy within $\pm 0.5\%$. The main structure is made of 304/316L stainless steel, meeting industrial demands for corrosion and wear resistance while complying with rigorous certification standards such as GMP. Additionally, optional intelligent function modules—such as dust removal, dehumidification, weighing measurement, and data traceability—are available, truly achieving safe, eco-friendly, energy-efficient, and high-efficiency modern production requirements.



Small Bag Feeding Station



Online Screening and Feeding Station



TON BAG FEEDING STATION

The ton bag feeding station, also known as the ton bag unpacking station or bulk bag discharging station, is an automated or semi-automated device designed for safely and efficiently unloading powdered or granular materials from ton bags. It is widely used in industries such as chemical, food, pharmaceutical, building materials, plastics, and agriculture, suitable for discharging materials with good or poor flowability. Additionally, it can be integrated with auxiliary systems like dust removal, screening, and conveying to achieve dust-free and automated production.

Product Advantages

1. High-Efficiency Production Advantage: Fast unloading speed, reduced reliance on manual labor, seamless integration with production lines.

Safety & Environmental Advantage: Excellent dust control, explosion-proof safety design, reduced occupational hazards.

Material Adaptability Advantage: Broad material compatibility, complete unloading guarantee, special material handling.

Economic Advantage: Long-term cost savings, easy maintenance, high space utilization.

Intelligent Development Advantage: Automated integration, traceable data, intelligent monitoring.

Smart Management: Data recording, networked monitoring, traceability support.

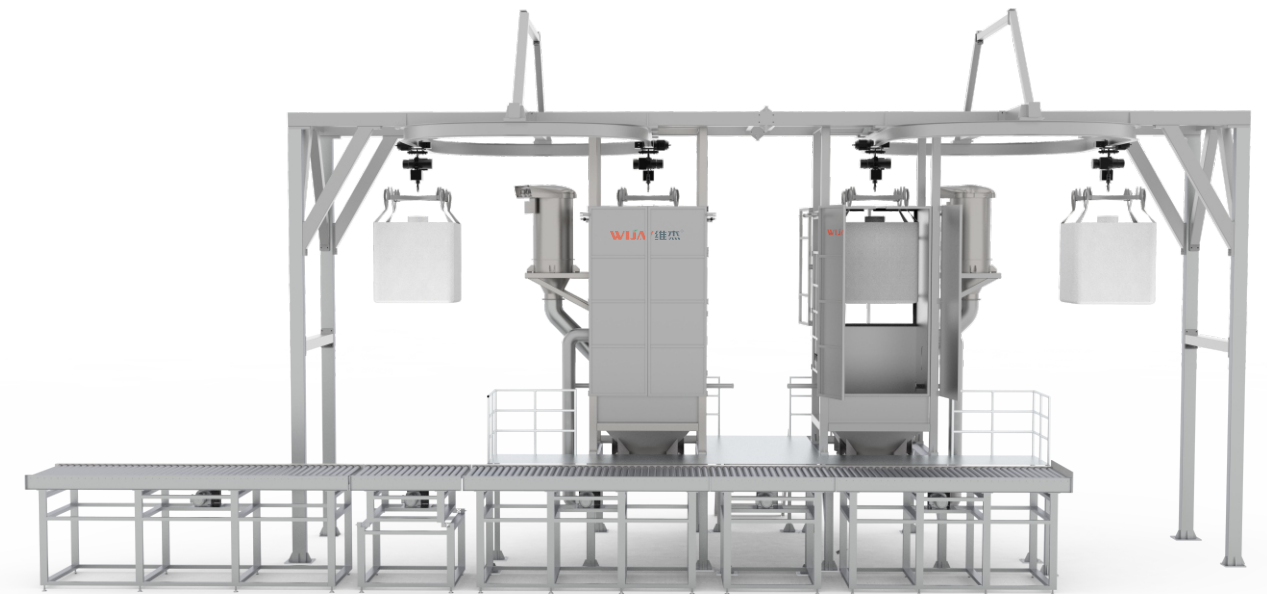


Bulk Bag Unloading Stations are classified into the following 4 grades based on throughput capacity

Single-Station Bulk Bag Unloading Station (Capacity: 2-10 TPH)



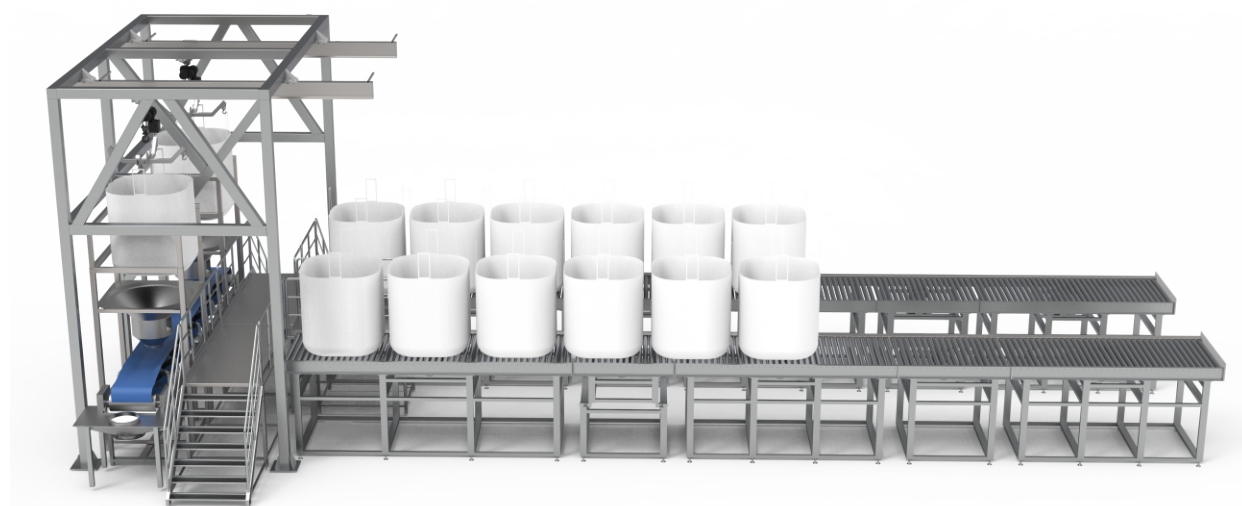
Continuous Circular-Rail Bulk Bag Unloading System (Capacity: 20-40 T/H)



Dual-Station Bulk Bag Unloading Station (Capacity: 10-20 T/H)



Continuous Linear-Rail Bulk Bag Unloading System (Capacity: >40 T/H)



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 extensiveproject experience gives usa significant edge over ourpeers.

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



Our 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!

