

Revolution in Bulk Material Handling



WORLD CLASS SOLUTIONS FOR

Unloading

Storage

Conveying

Weighing

Batching

Screening

Competence in material handling system



1984-93

- ▶ Began operations with manufacturing plastic auxiliary and post extrusion equipments for Klockner Windsor India Ltd.
- ▶ Manufactured mono layer film plant PP500 and PP750 (Polypropylene and HM) for Klockner Windsor India Ltd.
- ▶ Manufactured Nitride screws for extrusion and injection moulding machines.

1994-98

- ▶ Technical collaboration (in 1995) with Koch-Technik, Germany for manufacturing plastic auxiliary equipments - Dosing, mixing, conveying and drying systems.
- ▶ Joint Venture (in 1996) with Koch-Technik, Germany.
- ▶ Joint Venture (in 1998) with GWK, Germany to manufacture chiller and mould Mould Temperature Controller.
- ▶ Technical collaboration (in 1998) with Moditec, France to manufacture low-speed, high torque granulator, 'Goliath'.
- ▶ 1st plastic auxiliary equipments manufacturer in India, to obtain ISO 9001:2000 quality certification.
- ▶ 1st largest installation of central chilling system at Visteon Automotive (A division of Ford Motors India Ltd. - Chennai).



1999-03

- ▶ Supplied 1st central conveying system to Essel Packaging Ltd., Wada.
- ▶ Shifted to new facility with an area of 15,840 sq. mts.
- ▶ Supplied 1st high-tech 'Goliath' twin granulator to Balmer Lawrie-Vann Leer Ltd., Mumbai.
- ▶ Set-up new facility for GWK with modern insulated factory and pre-fabricated structure.

2004-08

- ▶ Technical collaboration (in 2005) with Crizaf, Italy.
- ▶ Joint Venture (in 2006) with Wemo Automation AB, Sweden to manufacture robots for plastic industry.
- ▶ Technical collaboration (in 2007) with Rapid Granulators AB, Sweden.
- ▶ 1st Robot installed on injection moulding machine, Havells India Ltd., Baddi.
- ▶ Technical collaboration (in 2008) with Ariostea, Italy to manufacture bulk material handling system, PVC and all powder conveying.



2009

- ▶ Started Exclusive Equipment manufacturing for Pneumatic Conveying of Powder Materials.
- ▶ Dedicated manufacturing facility for Pneumatic conveying System



2011

- ▶ Installed 2 tons/hour corn starch conveying system
- ▶ Installed India's Largest Soft PVC Handling Solution for 5 tons/hour



2013

- ▶ Installed system for pharmaceutical conveying 3 ton/hour
- ▶ Became India's largest conveying solution company for polymer granule handling

2015

- ▶ New Green Office Building for Sales, Marketing & Finance.



2016

- ▶ Became Asia's largest automation factory with carpet area of 1,00,000 sqm
- ▶ Installed first make in india system for complete powder material handling on european continent

2017

- ▶ Became India's largest company in handling & conveying of powder materials



2018

- ▶ Started Exclusive Manufacturing Facility of Pneumatic Conveying Solution for FOOD & Pharma
- ▶ Supplied Complete Solution for 2 TPH Maida & Sooji Handling with Batching, Blending, Online with Pasta line

2020

- ▶ Started Export of Food Pneumatic Conveying solutions to Africa, USA & Europe
- ▶ Installed 4 ton/Hour Rice Conveying System in Africa's Biggest Rice Mill



2025

- ▶ Established a technical collaboration with Air Tec Systems, Italy, for dense phase conveying systems, combining advanced international expertise with local manufacturing capabilities to deliver high-efficiency powder handling solutions.

SOLUTIONS FOR DIVERSE APPLICATIONS



PVC/CPVC Pipes



PVC/CPVC Fittings



Profiles



WPC



Calendaring/Flooring



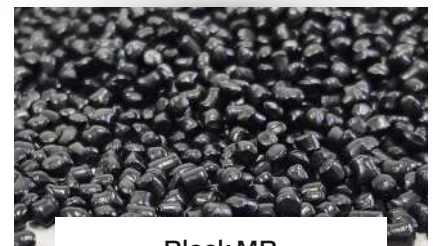
Rubber Compounding



Polymer M.B.



White MB



Black MB



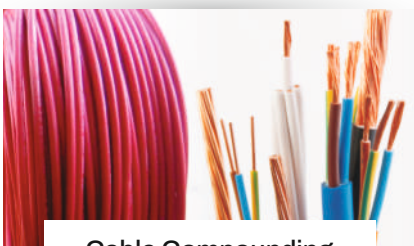
Automobile MB



Filler MB



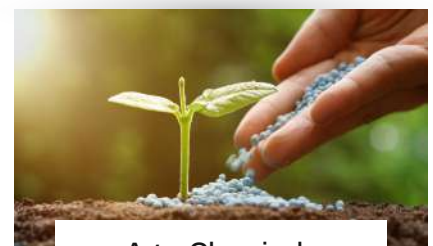
Petchem



Cable Compounding



XLPE Cable



Agro Chemicals



Breads & Biscuits



Confectionery



Indian Spices



Instant Mix/Ready-to-eat



Extruded & Indian Snacks



Sugar & Salt



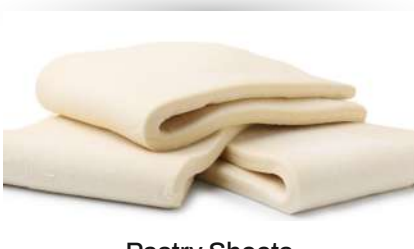
Tea/Coffee



Noodle



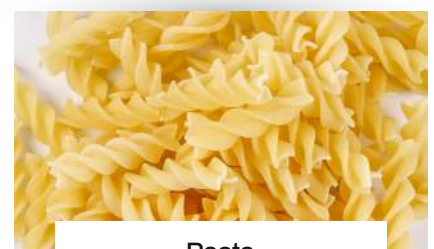
Breads



Pastry Sheets



Nutraceutical



Pasta

BATCH WEIGHING AUTOMATION

Multi-component batching system for precise powder handling with Multi-function Conveying, Weighing & Dosing.

Batch Weighing System ensures precise, efficient batching of multiple components. With pneumatic conveying, it enables accurate transfer and weighing of powders, reducing manual effort and material loss.

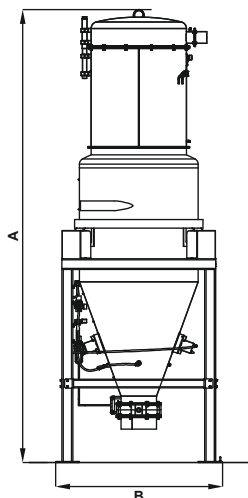
Accurate feeding, batching, and metering of bulk solids begin with precision weighing. Our weighing system, placed on top of the mixer, ensures batch-to-batch consistency and boosts production by up to 40%. Whether you're using jumbo or small bags, silos, or manual dumping, adding one additive or several, we provide a complete range of tailored equipment.



ADVANTAGES

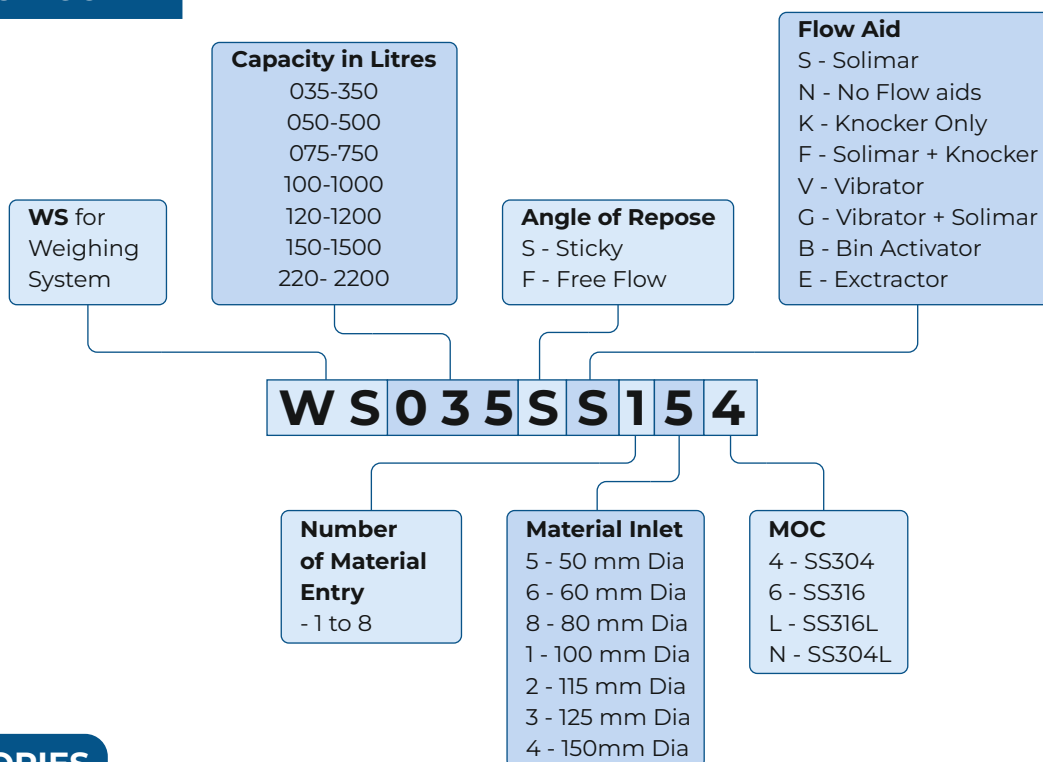
- ▶ Reduces manual labor
- ▶ Fully Automatic system for Conveying, & weighing
- ▶ Clean environment
- ▶ Ensures dust-free and contamination-free operation
- ▶ Allows quick recipe changes
- ▶ Provides precise weighing & dosing for consistent quality

TECHNICAL DATA



MODEL	Weighing Capacity (Kg/Batch)	Batch Capacity (Batches/hr)	A (mm)	B (mm)	Production (Ton/hr)	Weight (Kg)
WS035	125	08-10	3000	1300	1.25	240 Kg
WS050	200	08-10	3100	1400	2	360 Kg
WS075	300	08-10	3500	1400	3	380 Kg
WS100	400	08-10	3800	1400	4	410 Kg
WS120	500	08-10	3700	1900	5	520 Kg
WS150	675	08-10	4600	2100	6.75	620 Kg
WS220	1000	08-10	5200	2600	10	700 Kg

SELECTION GUIDE



ACCESSORIES

Modular Concept

In future can add new materials – up to a maximum of 8 Nos.



Extractor Discharge

For Lumpy Material Discharge



Vibrating Discharge

Ensures Complete Discharge of Sticky Material



SMALL BAG EMPTYING STATION



Dust-free dumping with a reliable bottom discharge guarantees consistent material flow...

Small Bag Dumping Station offers an efficient solution for unloading 25 kg and 50 kg bags manually. Designed for clean and dust-free material Storage, it features an ergonomic working height and an integrated dust collection system for operator convenience.

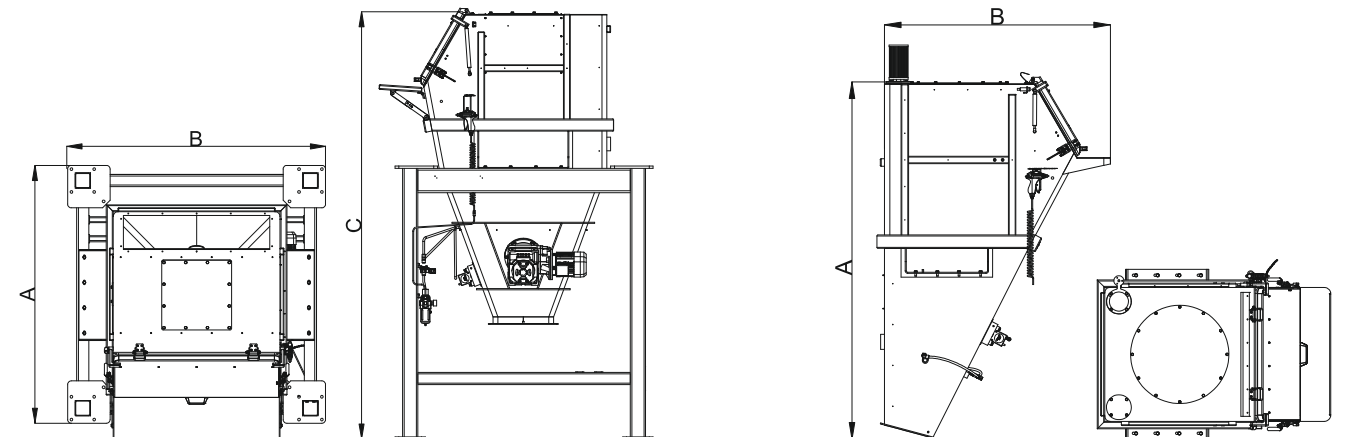
The station is equipped with an easy-drain facility for quick material changeovers and effortless cleaning. Its modular design concept offers the flexibility to convert the same setup into a Jumbo Bag Unloading Station in the future.



ADVANTAGES

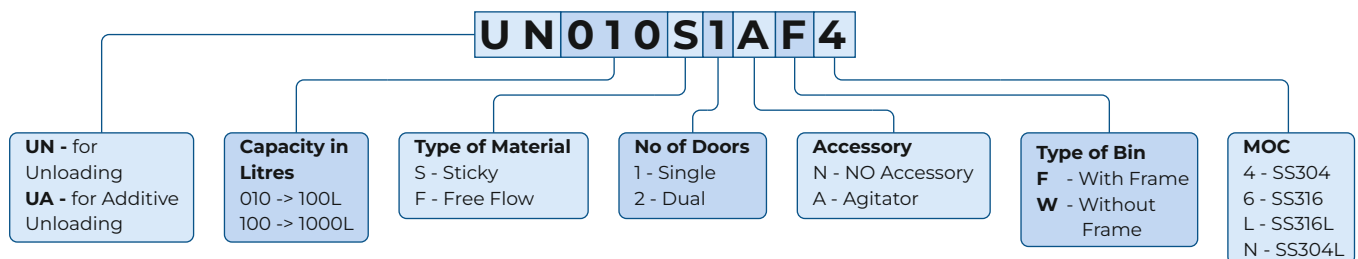
- ▶ Ensures dust-free unloading of Materials.
- ▶ Modular Design is adaptable to various bag sizes and bulk materials.
- ▶ Ergonomic design allows operators to work in an upright position& reducing strain.

TECHNICAL DATA



MODEL	Usable Volume (litre)	A (mm)	B (mm)	C (mm)	Weight (Kg)
UA030	300	1290	1065	677	200 Kg
UA050	500	1850	1250	677	400 Kg
UA080	800	2670	1390	810	510 Kg
UN150	1500	1700	1700	2850	650 Kg
UN200	2000	1700	1700	2850	780 Kg
UN300	3000	2150	2150	3000	950 Kg
UN500	5000	2150	2150	4550	1500 Kg

SELECTION GUIDE



ACCESSORIES

Bar Code Locking



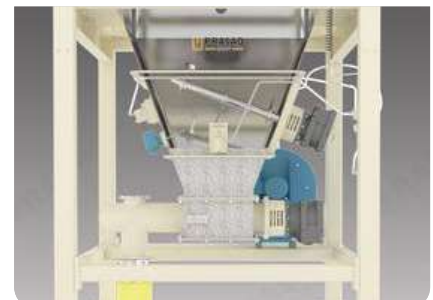
De-Dusting System

Designed to minimize dusting and prevent spillage.



Agitator

Prevents bridging and ensures smooth, consistent flow.



HOPPER LOADER



From Source to Destination – Smooth, Seamless, and Efficient Conveying...

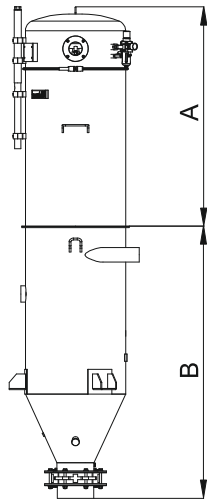
Vacuum Conveying System offers efficient, reliable, and safe material transport for powders. It ensures smooth, seamless movement with minimal noise and energy consumption, preventing spillages and contamination. It provides a clean and hassle-free conveying solution.

ADVANTAGES

- ▶ Pipelines can be arranged flexibly to fit layout needs for optimal Space Utilization
- ▶ Closed-loop system enables leak-free conveying with zero dusting or spillage, ensuring a clean and safe environment.
- ▶ Auto pulse-jet filter cleaning enables uninterrupted operation with no need for manual cleaning.
- ▶ Digital pressure monitoring for filter and vacuum system.
- ▶ Optimized airflow design for consistent powder transfer over 150 meters.

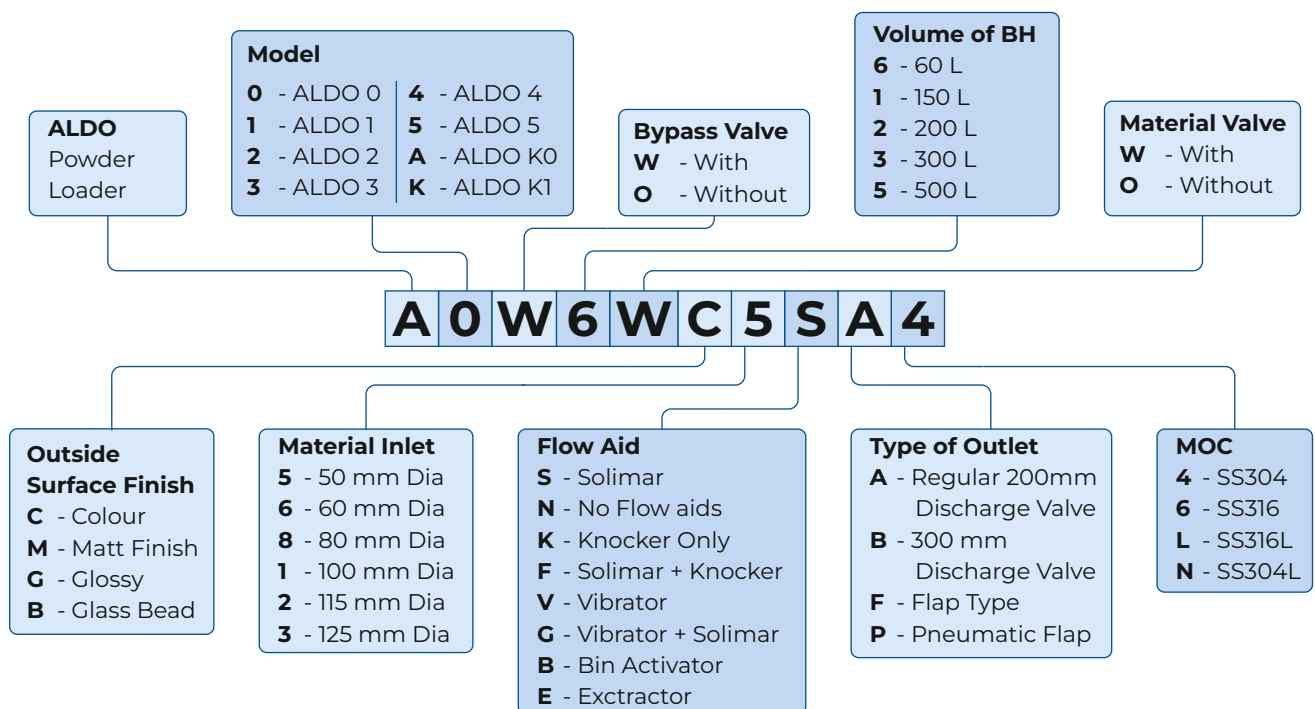


TECHNICAL DATA



MODEL	Output (Kg/hr.)	A (mm)	B (mm)	Power (kW)	Weight (Kg)
ALDOKO	150	2000	2000	2.2	40 Kg
ALDOK1	200	2000	2000	4	110 Kg
ALDO0	150	1050	415	2.2	50 Kg
ALDO1	300	1450	450	4	100 Kg
ALDO2	600	810	1550	5.5	150 Kg
ALDO3	1000	1210	2050	7.5	200 Kg
ALDO4	2000	1210	2250	15	320 Kg
ALDO5	3000	1237	2250	20	430 Kg

SELECTION GUIDE



ACCESSORIES

Extractor Discharge
for Only Fillers Conveying



Vibrating Discharge
Hassle-free material discharge.



Ratio Loader
Online Re-grind Material Mixing



SUCTION BOX



The Suction Box is a critical component in vacuum-based powder transfer systems. It ensures the correct material-to-air ratio for efficient conveying. To cater to varying material characteristics, we offer two

Specialized Types:

1. Telescopic Suction Box

The Telescopic Suction Box enables smooth pick-up of free-flowing powders via vacuum conveying. Its adjustable design ensures consistent suction, while a non-return valve prevents backflow. A wire mesh screen filters oversized particles, ensuring clean and safe transfer.

2. Screw Feeder with Venturi Assembly

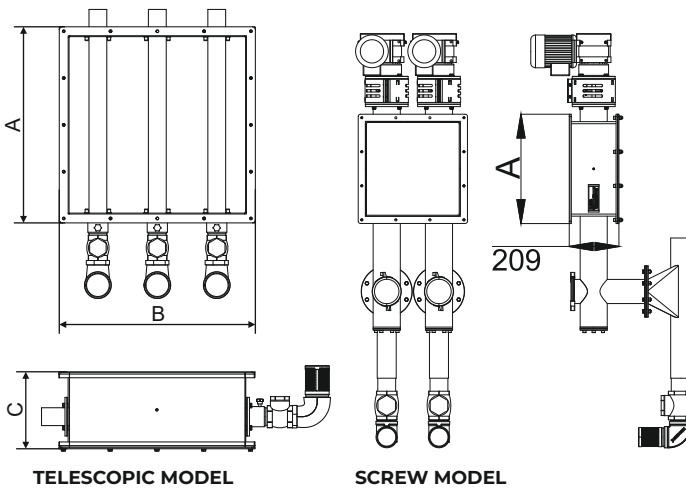
The Screw Feeder with Venturi Assembly ensures precise feeding of sticky or cohesive materials. The dosing screw accurately transfers material into the vacuum line, while the VFD allows adjustable feed rates. It also supports batch weighing for high-accuracy dosing."



ADVANTAGES

- ▶ Smooth powder pick-up for vacuum conveying systems — prevents line clogging.
- ▶ Screw Feeder with Venturi enables accurate feeding of sticky powders, with VFD-based control for adjustable feed rates and batch weighing compatibility for high dosing accuracy.
- ▶ Telescopic Suction Box supports up to 12 discharge points, and Screw Feeder supports up to 9 discharge points for multi-line transfer.

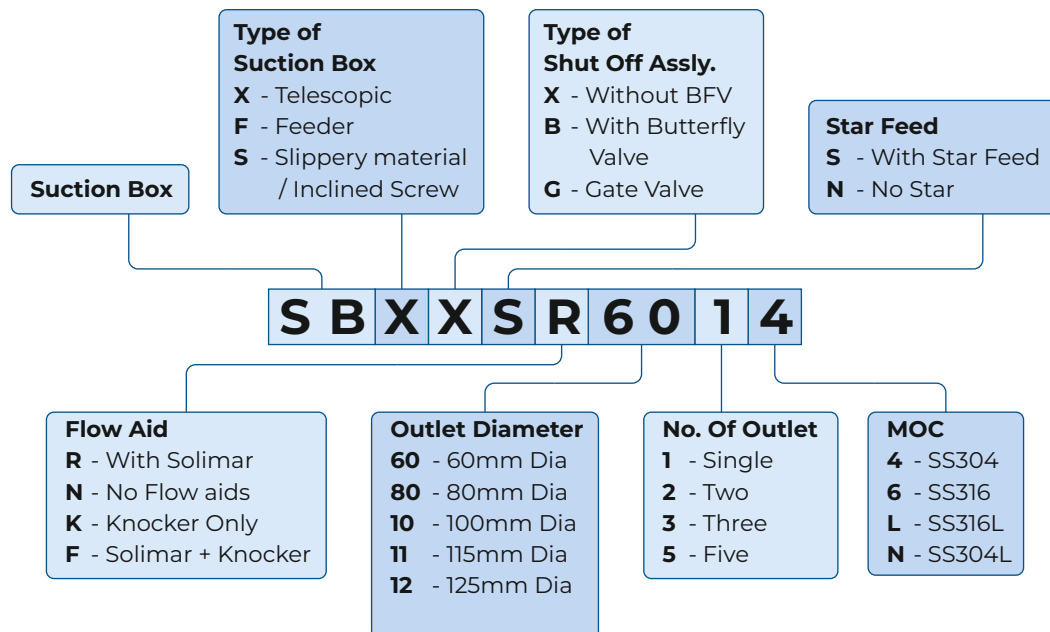
TECHNICAL DATA



TELESCOPIC MODEL	A (mm)	B (mm)	C (mm)	Weight (Kg)
400x400	660	660	210	50 Kg
600x600	460	460	210	60 Kg

SCREW MODEL	Output (Ton/hr.)	A (mm)	No of Outlet	Weight (Kg)
SBFX2	2	460	2	120 Kg
SBFX3	3	660	3	160 Kg
SBFX5	5	760	5	250 Kg

SELECTION GUIDE



FILTER



Air and Material Separation, Smooth Conveying...

Air Breather Filters are engineered to ensure efficient airflow management in powder handling automation.

Their cleated design enhances filtration capacity, while the integrated Auto Pulse Jet Cleaning System using compressed air ensures continuous operation by effectively removing accumulated dust.

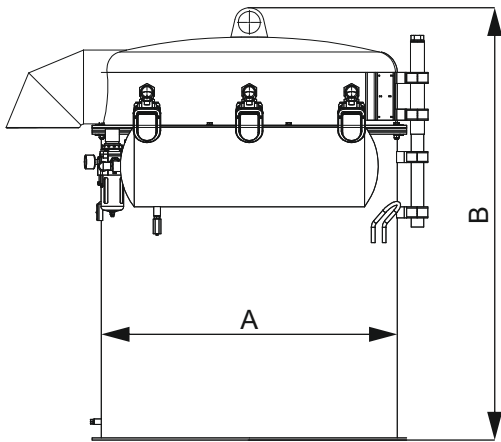
These filters prevent system clogging, reduce downtime, and maintain consistent performance.

ADVANTAGES

- ▶ Auto pulse jet cleaning enables maintenance-free operation.
- ▶ Prevents clogging and ensures consistent airflow performance.
- ▶ Cleated design offers compact size with higher filtration area.

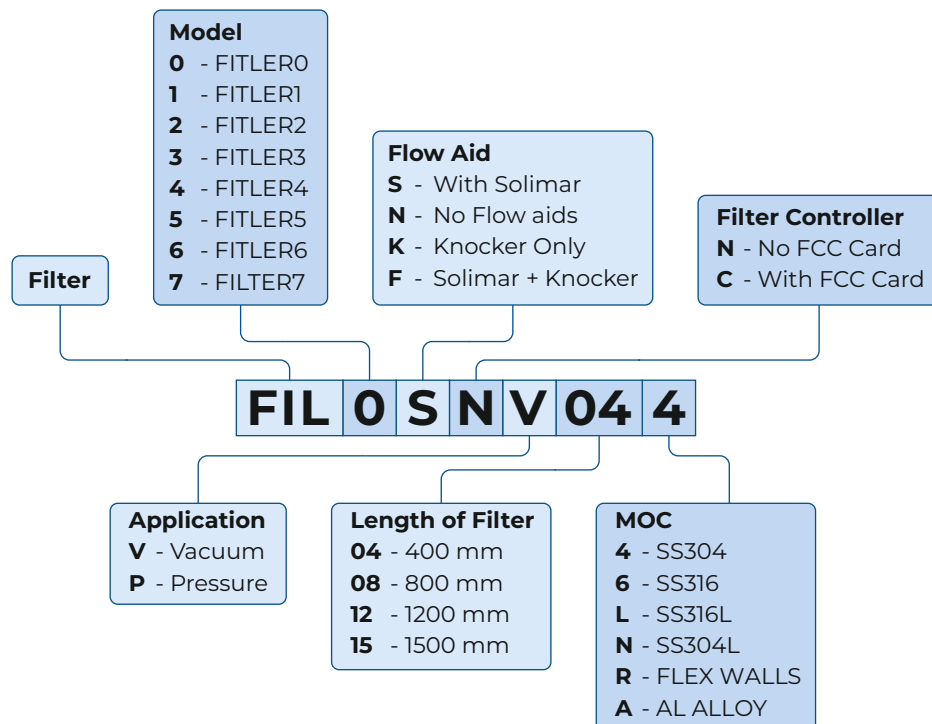


TECHNICAL DATA



MODEL	A (mm)	B (mm)	Weight (Kg)
FILTER0	350	730	10 Kg
FILTER2	550	810	80 Kg
FILTER3	550	1210	100 Kg
FILTER4	803	1098	250 Kg
FILTER5	1100	1237	350 Kg
FILTER6	1100	1637	400 Kg
FILTER7	110	1937	450 Kg

SELECTION GUIDE



DOSING SCREW FEEDER



Coarse and Fast, Fine and Accurate – Perfect Dosing, Even for the Toughest Materials...

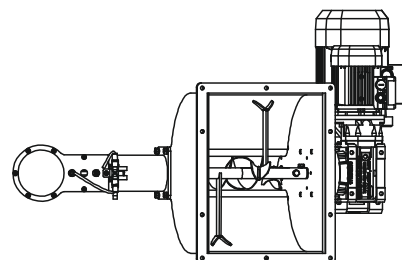
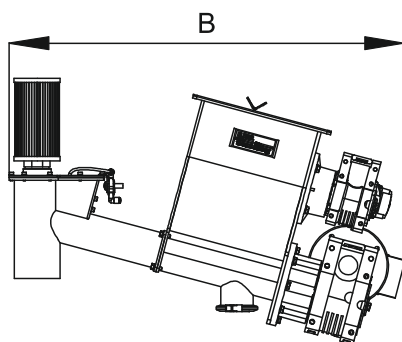
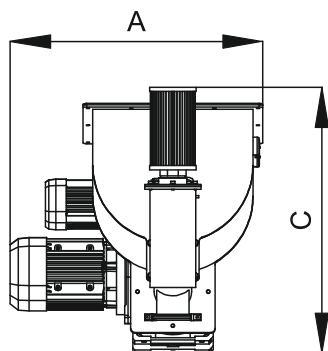
Dosing Screw is designed to seamlessly integrate with vacuum conveying lines, ensuring precise handling of sticky materials. It enables accurate batch weighing with fine and coarse feeding options, offering exceptional flexibility for diverse applications.

Equipped with a VFD, the system allows real-time adjustment of feeding rates, ensuring optimal flow and process efficiency. Ideal for high-precision dosing, this solution combines advanced technology with robust performance to meet the challenges of sticky and difficult-to-handle materials.

ADVANTAGES

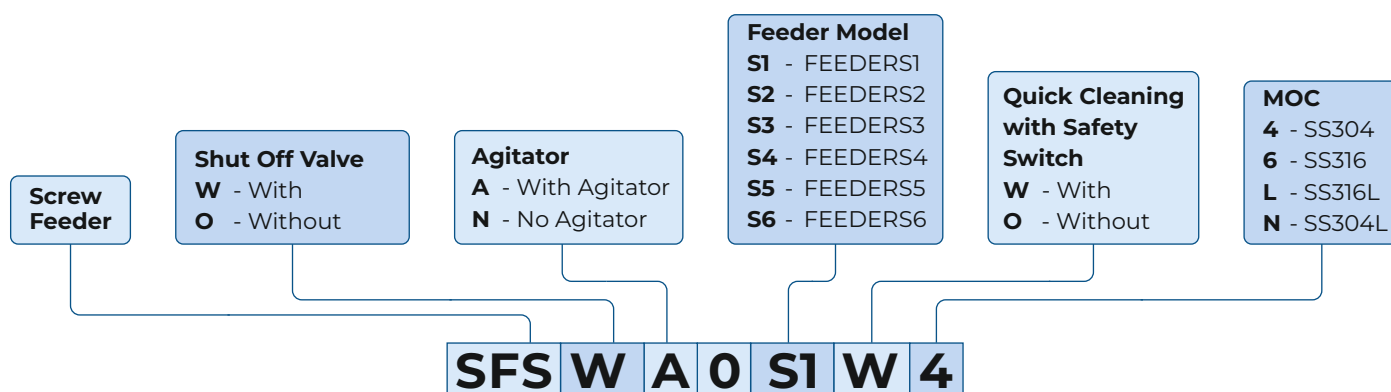
- ▶ Precise material feeding ensures consistent and accurate dosing.
- ▶ Venturi design enables efficient air-material mixing and smooth flow for vacuum conveying.
- ▶ VFD-controlled screw speed allows flexible and precise output control.
- ▶ Supports both coarse and fine feeding for accurate batch weighing of different powders.

TECHNICAL DATA

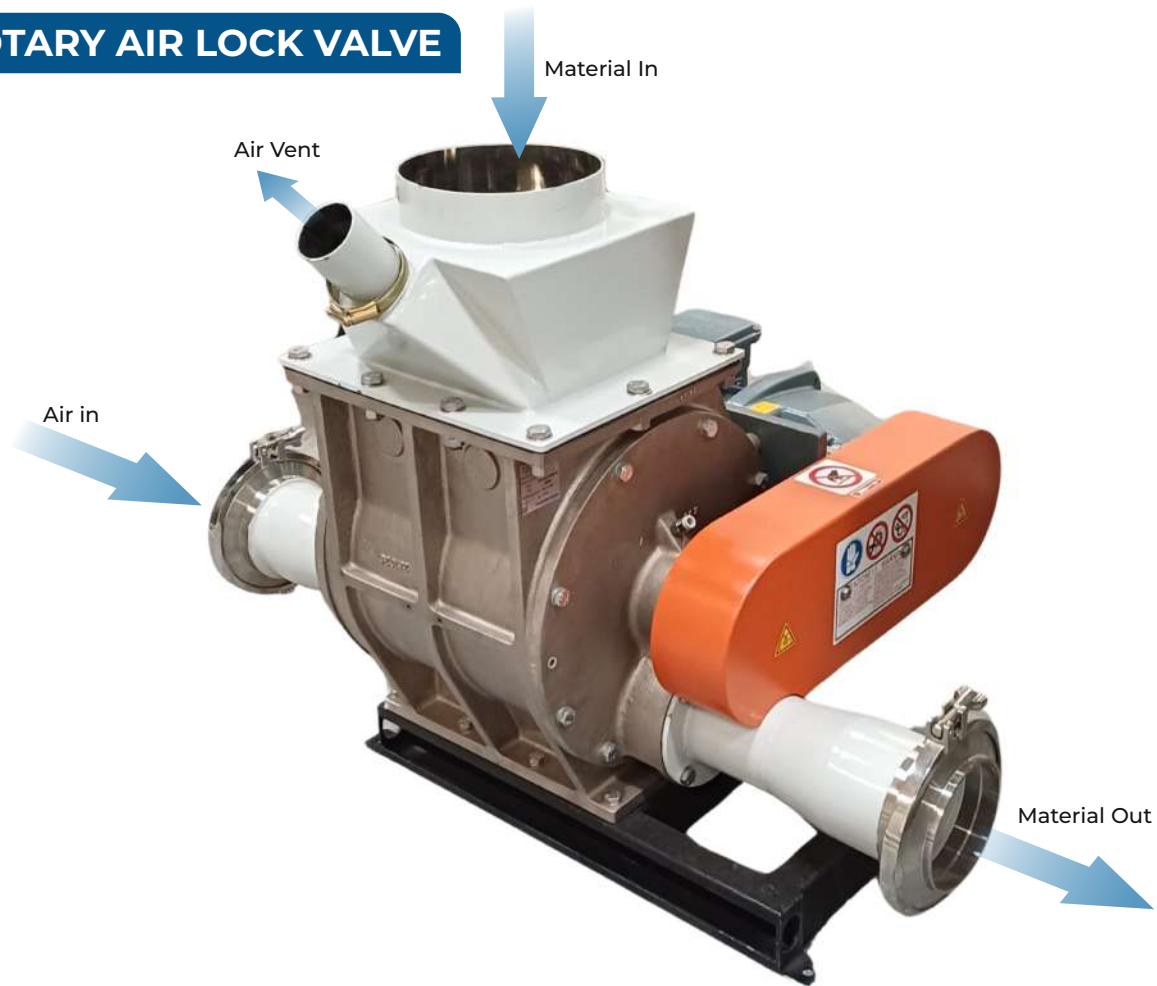


MODEL	Output (Kg/hr.)	A (mm)	B (mm)	C (mm)
FEEDERS1	0-20	200	672	262
FEEDERS2	20-40	200	672	262
FEEDERS3	100	654	818	657
FEEDERS4	200	654	818	657
FEEDERS5	1500	628	986	662
FEEDERS6	2000	630	994	671

SELECTION GUIDE



ROTARY AIR LOCK VALVE



Minimize Air Loss, Conserve Energy, and Boost Productivity—A Smart Solution for Sustainable Efficiency...

Rotary airlock valves are essential components in both pressure and vacuum pneumatic conveying systems. They perform dual functions by acting as a secure "lock" to minimize air loss while simultaneously handling material flow with precision.

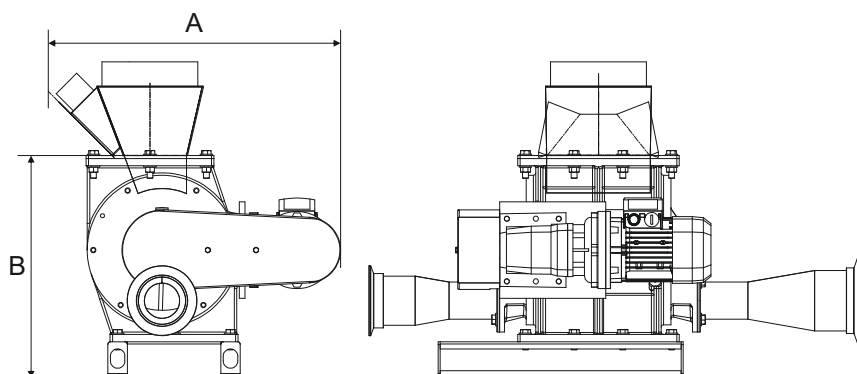
The airlock design effectively seals airflow between ports, maintaining the required pressure or vacuum difference for seamless operation. This ensures continuous material movement while preserving system efficiency and performance.

ADVANTAGES

- ▶ Accurate and reliable material feeding ensures process consistency.
- ▶ Precise air-to-material ratio control enhances conveying efficiency.
- ▶ Reduced air loss maintains optimal system pressure and performance.
- ▶ Auto-cleaning mechanism reduces maintenance and minimizes downtime.

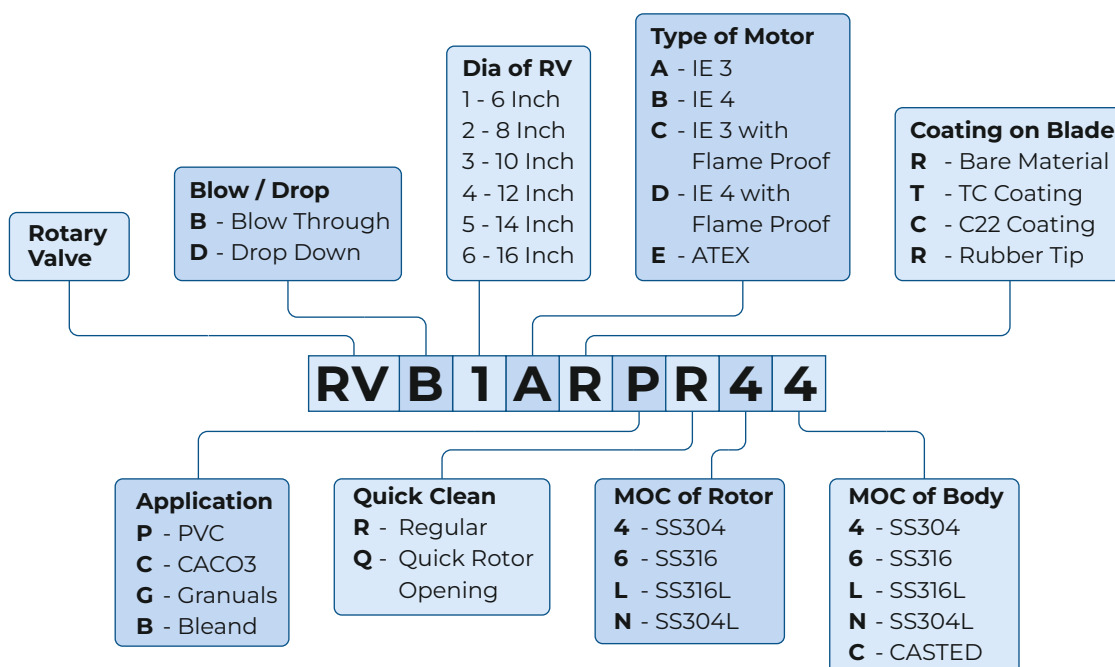


TECHNICAL DATA



MODEL	Output (Ton/hr.)	A (mm)	B (mm)	Weight (Kg)
RVB6	2	480	320	120Kg
RVB8	3	510	380	150Kg
RVB10	5	575	450	180Kg
RVB12	7	640	570	250Kg
RVB16	10~12	735	660	300Kg

SELECTION GUIDE



With Hopper



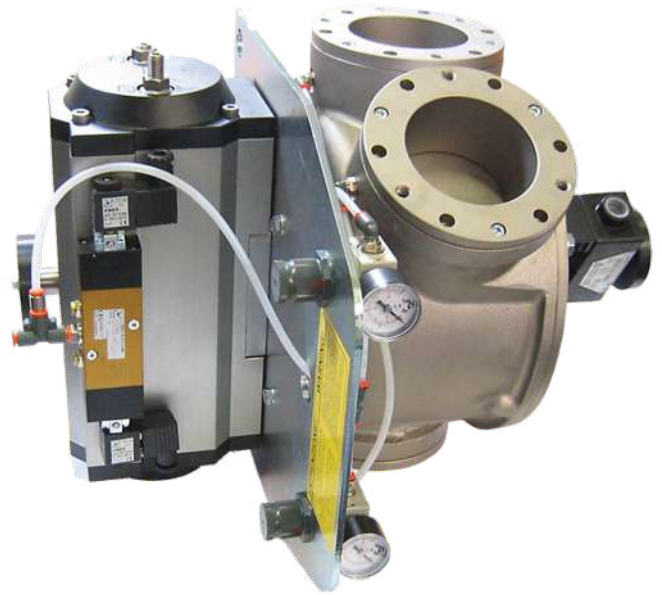
With Force Feed



Drop Down



DIVERTER VALVE



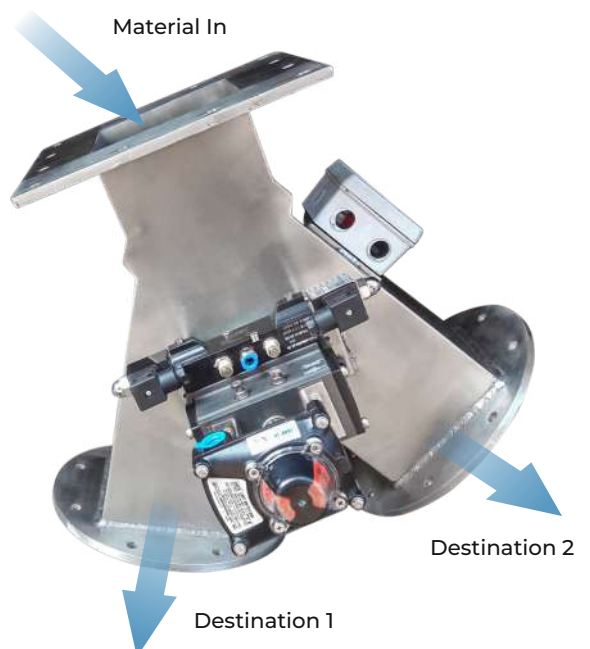
Designed for seamless material management across multiple lines...

Diverter Valve is an essential component in powder transfer systems, designed to efficiently control the direction of powder flow between multiple processing lines or destinations.

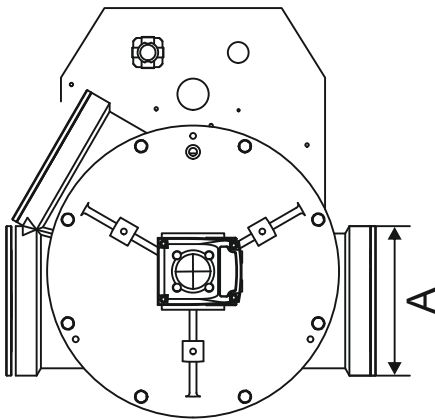
This valve ensures smooth and reliable transfer of powders while minimizing dust leakage and product contamination. By seamlessly diverting powders with precision, it enhances the system's overall efficiency and flexibility.

ADVANTAGES

- ▶ Enables precise powder flow control between multiple processing lines.
- ▶ Ensures dust-tight transfer, minimizing leakage and contamination.
- ▶ Smooth switching mechanism ensures reliable and uninterrupted powder flow.

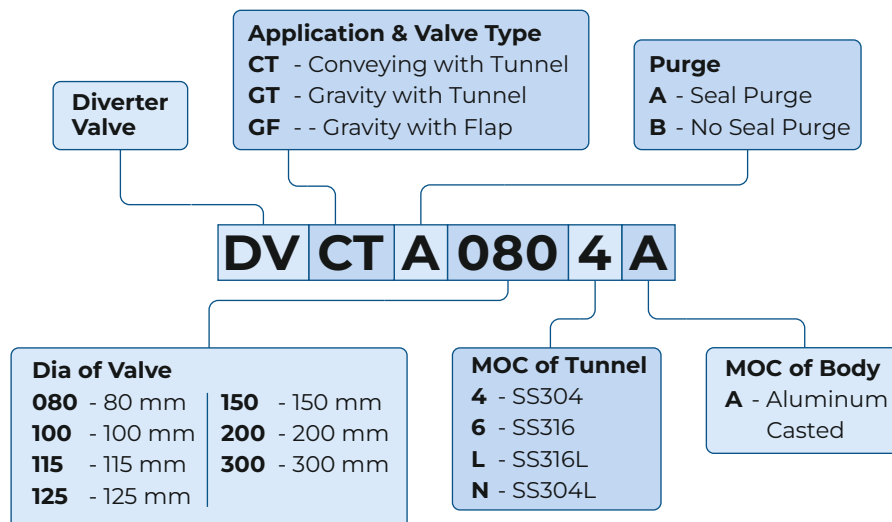


TECHNICAL DATA



MODEL	A (mm)	Weight (Kg)
DV08000001	80	75 Kg
DV10000001	100	80 Kg
DV12500001	125	85 Kg
DV15000001	150	105Kg

SELECTION GUIDE



ADDITIVE WEIGHING SYSTEM



Efficiency and consistency in every batch—create perfect recipes every time with the auto batching system.

The Additive batching system ensures precise handling of minor and micro ingredients in batch processing with superfine, fine, and coarse feeding capabilities. Volumetric feeders sequentially dispense materials into a load cell-based weighed collection hopper, ensuring accurate measurement before discharge.

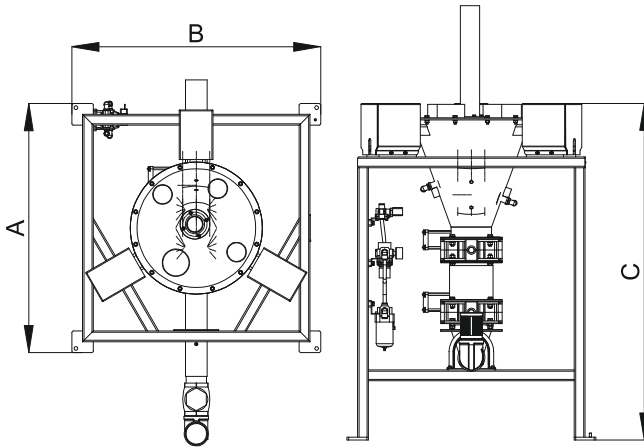
The system offers flexible discharge options, including Gravimetric dosing directly into a mixer, pneumatic conveying for transport, inline conveying and direct bag filling. These tailored solutions integrate seamlessly with production lines, optimizing material flow and improving traceability.



ADVANTAGES

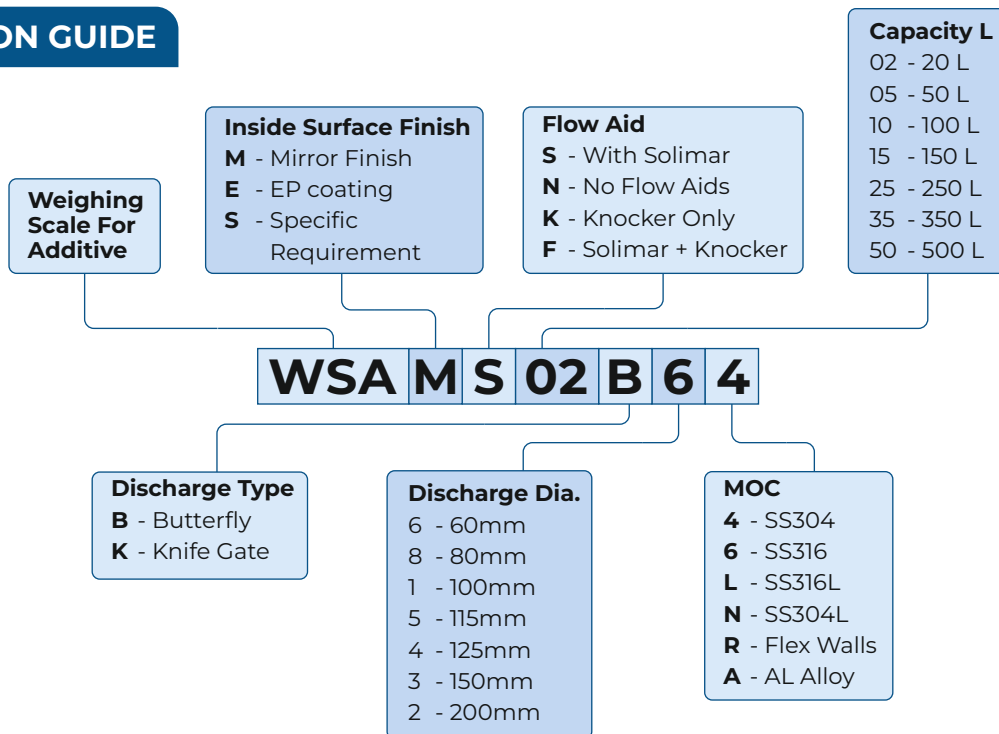
- ▶ Precision feeding with load cell-based weighing ensures high dosing accuracy.
- ▶ Maintains batch consistency for reliable and uniform product formulation.
- ▶ Secures recipe confidentiality with protected and restricted access controls.
- ▶ Real-time monitoring and batch tracing support data logging and compliance.

TECHNICAL DATA



MODEL	A (mm)	B (mm)	C (mm)	WEIGHT (Kg)
20 Ltr	923	923	1248	130Kg
50 Ltr	923	923	1480	160Kg
100 Ltr	910	990	1562	190Kg
150 Ltr	1022	1022	1657	220Kg
350 Ltr	1065	1065	1657	250Kg

SELECTION GUIDE



Conveying



Collecting



Bagging



FLEXIBLE SPIRAL CONVEYOR



The flexible spiral conveyor can be used for the conveyance of all kinds of bulk materials, granulates as well as powders, and can be applied to many industrial fields.

The flexible spiral conveyor can be used in many industrial fields for conveying bulk materials, either in granulate or powder form.

A flexible spiral, made from mild steel or stainless steel, is driven by a three-phase motor and transports the material through a flexible polyamide tube from the conveyor's intake to the outlet.

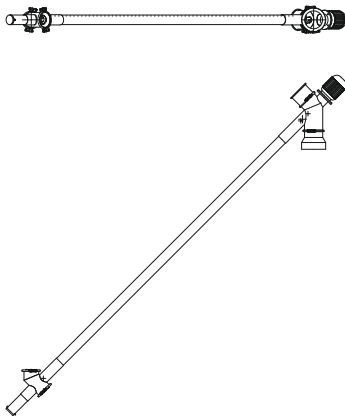
The spiral conveyor is easy to install, and shortening the conveyor is also possible in just a few minutes, without any difficulties. This makes it easy to fit to the customer's location. Thanks to its flexibility, obstacles can also be bypassed.

ADVANTAGES

- ▶ Noiseless and dust-free operation & Low energy demand
- ▶ Easy installation and shortening of conveyor
- ▶ Conveyance of mixtures of several components without any segregation
- ▶ Vertical conveyance thanks to integrated centre core Maintenance-free

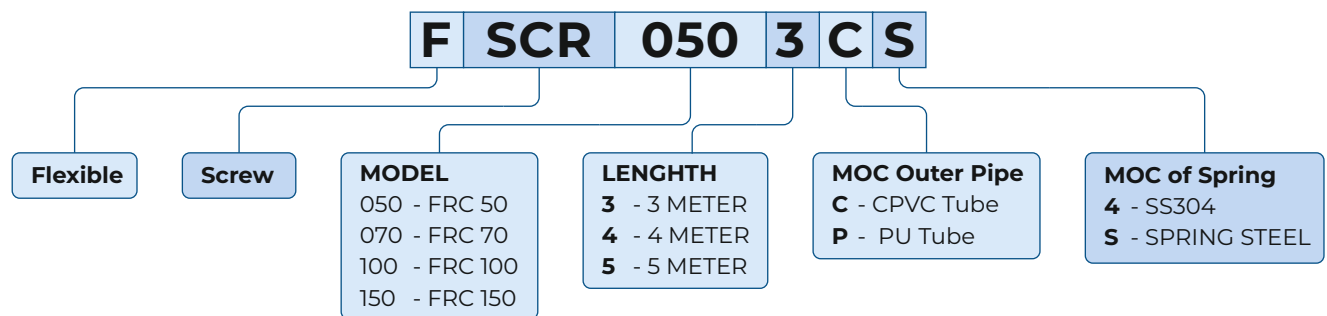


TECHNICAL DATA



MODEL	Conveying Tube Diameter (mm)	Minimum Radius (mm)	Motor (kW) (400v, 50Hz)	Maximum Output (m3/h) (Dependent on Material and Bulk Density)		Weight (Kg)
				Type FR	Type FR	
FRC70	70/80	2300	1.5-2.2	3.5	5	50 Kg
FRC80	80/90	2500	2.2-3.0	4.5	8	90 Kg
FRC100	100/110	3500	2.2-4.0	12	20	120 Kg

SELECTION GUIDE



BIN ACTIVATOR



Solve Powder Flow Problems at the Source

Bin Activators are vibration-assisted flow aids designed to ensure the smooth and reliable discharge of dry bulk materials from silos, bins, and hoppers. Their tapered conical design overcomes common flow issues such as bridging, blockages, segregation, and core flow, enabling efficient and uninterrupted material movement.

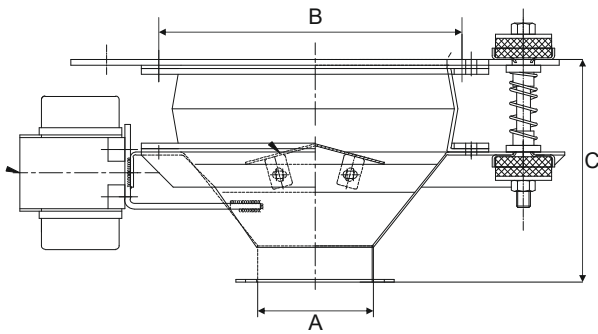
Equipped with a vibratory motor, a flexible polymer seal, and robust suspension links, bin activators promote First-In-First-Out (FIFO) flow while preventing product buildup or contamination. This ensures consistent feeding into downstream equipment, reduces manual intervention, and improves overall process efficiency.

ADVANTAGES

- ▶ Ensures consistent and uniform material flow by preventing bridging and rat-holing
- ▶ Enables first-in, first-out (FIFO) discharge, eliminating stagnant zones and material segregation
- ▶ Enhances flow rates while minimizing downtime due to blockages
- ▶ Reduces manual intervention by eliminating the need to clear hopper obstructions

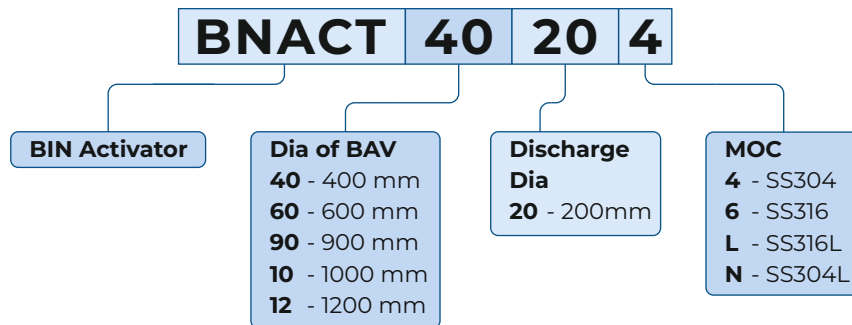


TECHNICAL DATA



TYPE	SIZE	Q A STD	B (mm)	C (mm)	Weight (Kg)
BANACT4001	400	200	380	310	70 Kg
BANACT6001	600	200	580	410	90 Kg

SELECTION GUIDE



DUST COLLECTOR



Dust & Leakage Free Operations...

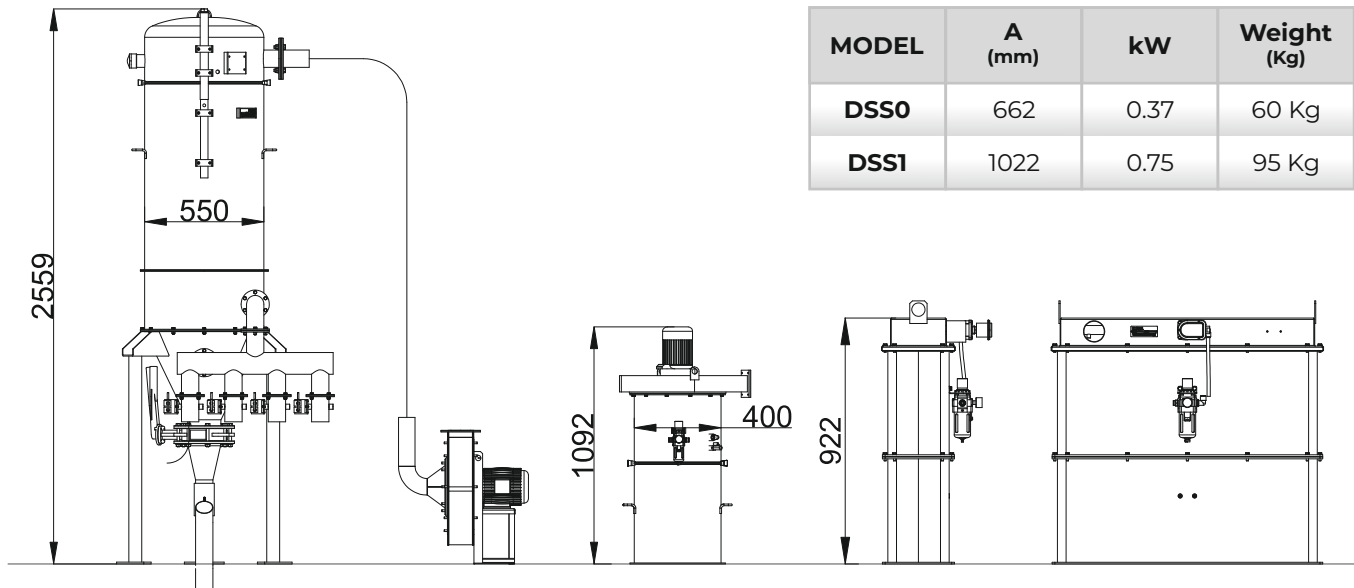
This system collects dust from bulk bag unloaders, small bag stations, and other processing equipment. Dust enters through the inlet and is captured by filter cartridges. At intervals, compressed air blasts inside the filters to remove dust, which falls into the hopper below. The collected dust is discharged easily using the butterfly valve. This setup helps maintain clean air, minimizes material loss, and improves workplace hygiene and safety.



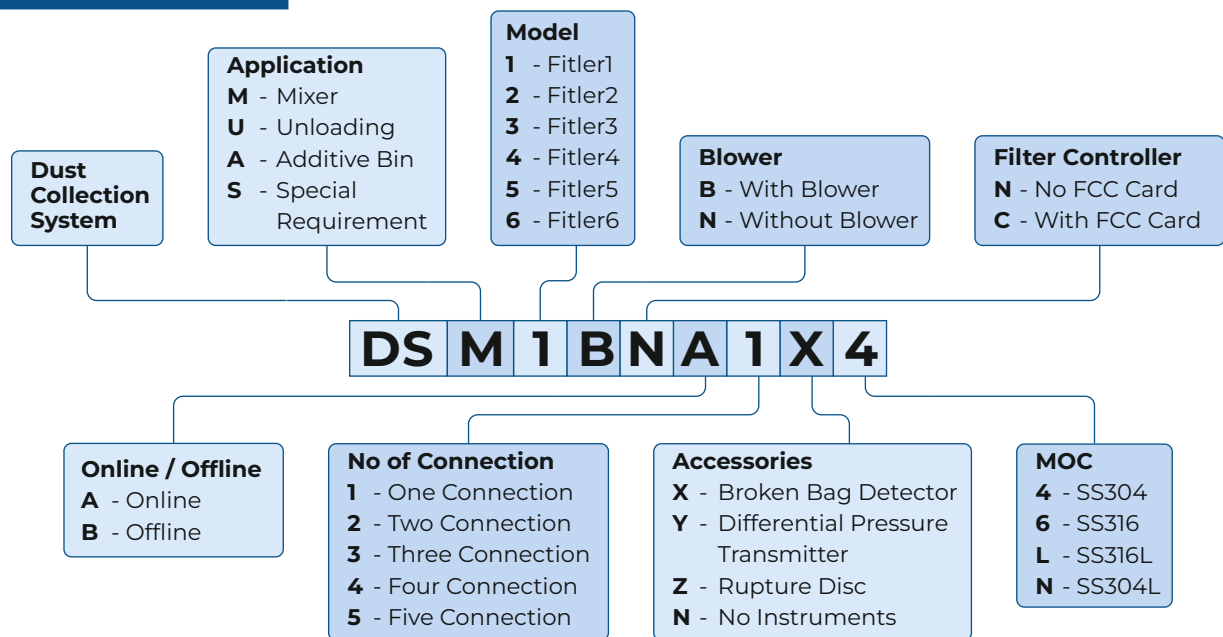
ADVANTAGES

- ▶ Efficient cartridge filtration with Auto Pulse Jet Cleaning system
- ▶ Continuous operation with minimal maintenance
- ▶ Prevents dust contamination and improves plant hygiene
- ▶ Compact, stand-alone unit fits easily into existing systems

TECHNICAL DATA



SELECTION GUIDE



MATERIAL STORAGE HOPPER



Closed loop storage of Material with dust proof operations

The material storage bin is designed to receive material from any pre-machine in a batch/lot-wise manner, allowing safe storage and efficient utilization for further processing. The system ensures that no lumps enter the downstream process, maintaining a smooth and consistent material flow for faster and trouble-free operations.

Depending on the powder material characteristics and process requirements, the bin discharge can be customized with activated bottoms or extractor bottoms to handle sticky materials and enable hassle-free discharge.

To ensure reliable operation, the unloading bins are equipped with high and low-level switches for process monitoring. Additionally, fluidizers or rotary knockers can be incorporated to support smooth discharge of material as per application needs.

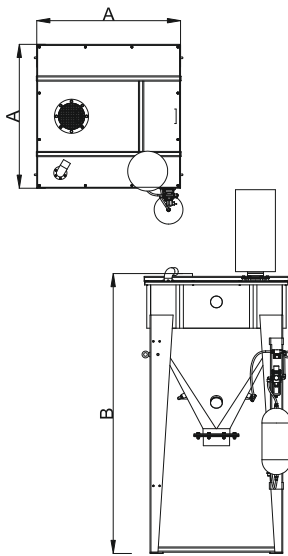
This closed-loop and dust-proof design ensures contamination-free handling, reduced spillage, and optimized automation in powder transfer systems.

ADVANTAGES

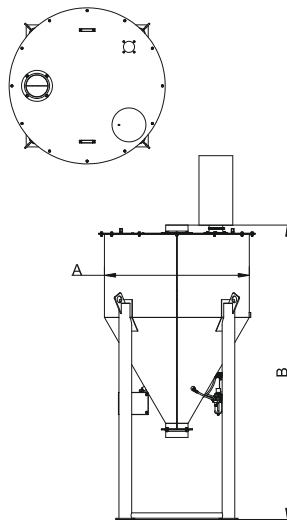
- ▶ Inside Mesh for lump locking
- ▶ Level Sensor for safe operation
- ▶ Fluidification and knocker arrangements



TECHNICAL DATA



MSB SQUARE MODEL



MSB ROUND MODEL

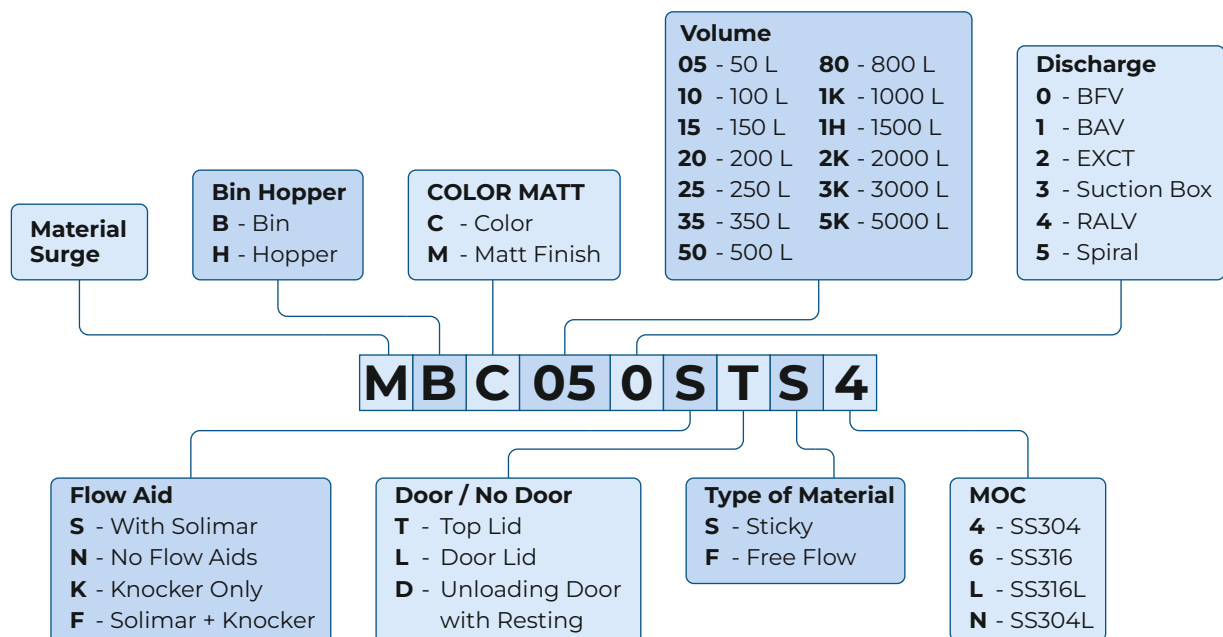
MSB SQUARE MODEL

MODEL	Capacity	A (mm)	B (mm)	Weight (Kg)
MSB350	350L	990	2250	150 Kg
MSB500	500L	1095	2130	200 Kg

MSB ROUND MODEL

MODEL	Capacity	A (mm)	B (mm)	Weight (Kg)
MSB750	750	1100	2470	230 Kg
MSB1000	1000	1300	2640	270 Kg
MSB1500	1500	1300	3025	340 kg
MSB2000	2000	1500	3620	400 Kg
MSB3000	3000	1500	4410	670 Kg

SELECTION GUIDE



LIQUID STORAGE SYSTEM



Liquid storage is essential for industries that handle high-viscosity fluids, temperature-sensitive materials, and bulk liquid inventory.

Our Liquid Storage Tanks are engineered to meet the demanding requirements of plasticisers in the plastic industry and Edible Oils in the food industry.

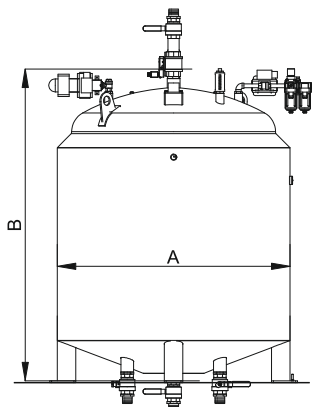
Heating & Jacketing Systems include steam jackets, electric heating, and thermal oil circulation to maintain optimal viscosity.



ADVANTAGES

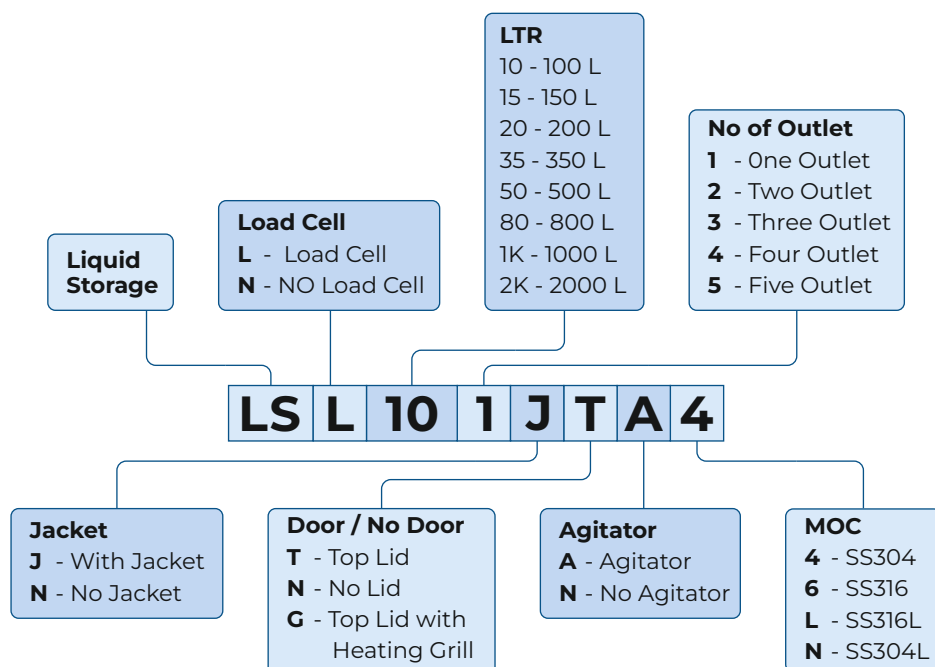
- ▶ Available with thermal insulation and heating options (fluid or electric) to maintain temperature-sensitive liquids
- ▶ Integrated with level sensors for continuous inventory tracking
- ▶ Equipped with dual-level sensors and Pressure Relief Valve (PRV) for operational safety
- ▶ Designed with easy drain provision for quick cleaning and servicing

TECHNICAL DATA



MODEL	Volume (litre)	A (mm)	B (mm)	Weight (kg)
LS0050JS00	50	480	425	30 Kg
LS0100JS00	100	625	595	55 Kg
LS0200JS00	200	702	890	65 Kg
LS1000JS00	1000	1256	1683	150 Kg

SELECTION GUIDE



LIQUID WEIGHING SYSTEM



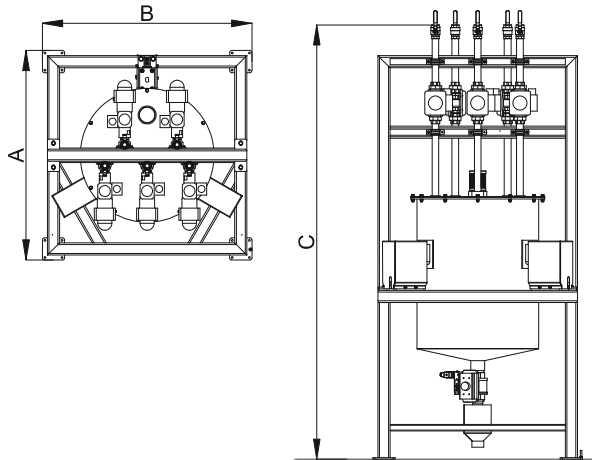
The Load Cell-Based Liquid Weighing System offers high-precision measurement, automated dosing, and accurate dispensing. It ensures batch consistency and reduces wastage. Designed for high-viscosity liquids, the system features separate pumps and buffer containers, along with heating and agitation systems for temperature-sensitive applications.



ADVANTAGES

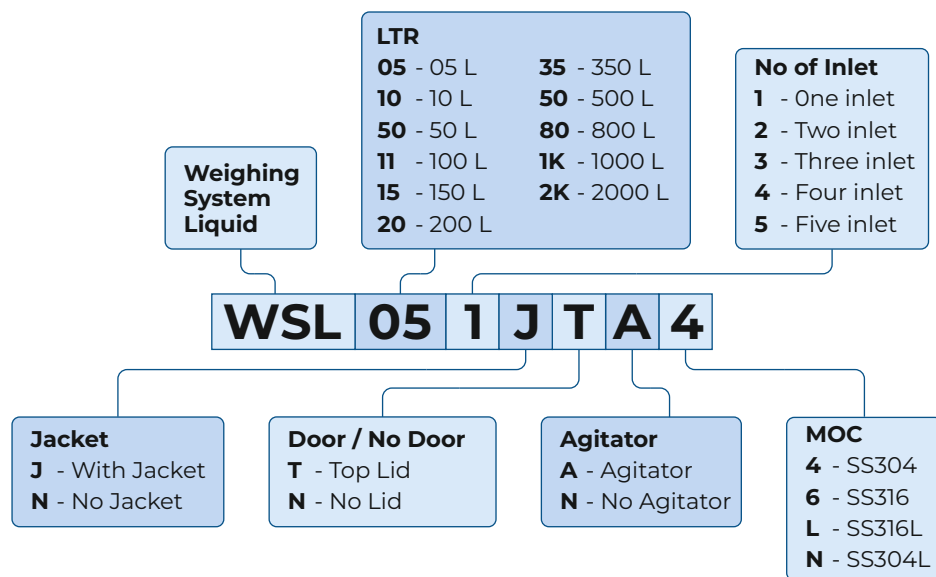
- ▶ Load cell-based weighing ensures high accuracy and consistent product quality.
- ▶ Improves efficiency by saving time, reducing labor, and minimizing errors.
- ▶ Flexible design supports multiple recipes and varying batch sizes.

TECHNICAL DATA



MODEL	Volume (litre)	A (mm)	B (mm)	C (mm)	Weight (kg)
LS0050	50	830	830	1950	105 Kg
LS0100	100	940	940	2196	130 Kg
LS0200	200	1040	1040	2156	190 Kg
LS0500	500	1335	1335	2590	390 Kg
LS1000	1000	1400	1400	2956	450 Kg

SELECTION GUIDE



SIEVING SYSTEM



High-Efficiency Screening for Consistent Powder Quality

Our Sieving Systems are engineered to deliver high-efficiency screening for a wide range of powders materials. Whether it's removing impurities, grading particle sizes, or ensuring hygienic processing, our range—including Vibro Sifter, Roto Sifter, and Pneumatic Sieving Systems—ensures clean, accurate, and reliable performance across industries. these systems enhance product quality, reduce downtime, and optimize productivity.

1. Vibro Sifter

The Vibro Sifter is designed for fast, flexible, and accurate screening of powders. Its gyratory motion provides efficient separation and contamination removal while maintaining product integrity.

2. Roto Sifter

The Roto Sifter uses centrifugal force to screen powders in a dust-tight and low-noise environment. It offers continuous operation with minimal maintenance and features an easy screen changeover design, making it highly suitable for a wide range of industrial sieving applications.

3. Pneumatic Sieving System

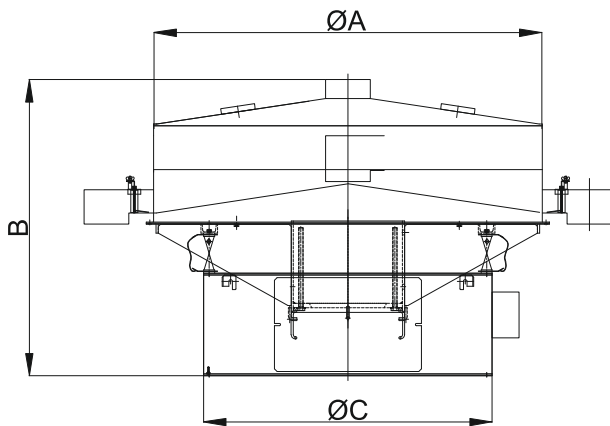
Our Pneumatic Sieving System combines pressure or vacuum conveying with inline screening using either a Vibro or Roto Sifter. Designed for enclosed, hygienic material transfer.

ADVANTAGES

- ▶ Ensures accurate separation and consistently high product quality
- ▶ Enclosed design enables dust-free sieving and filtering operations
- ▶ Quick-clamp system allows fast and easy mesh changing, reducing downtime
- ▶ Easy access to screen simplifies cleaning and maintenance
- ▶ Adjustable lead angle offers customized vibration patterns for different materials
- ▶ High-performance vibratory motor ensures strong and consistent screening efficiency

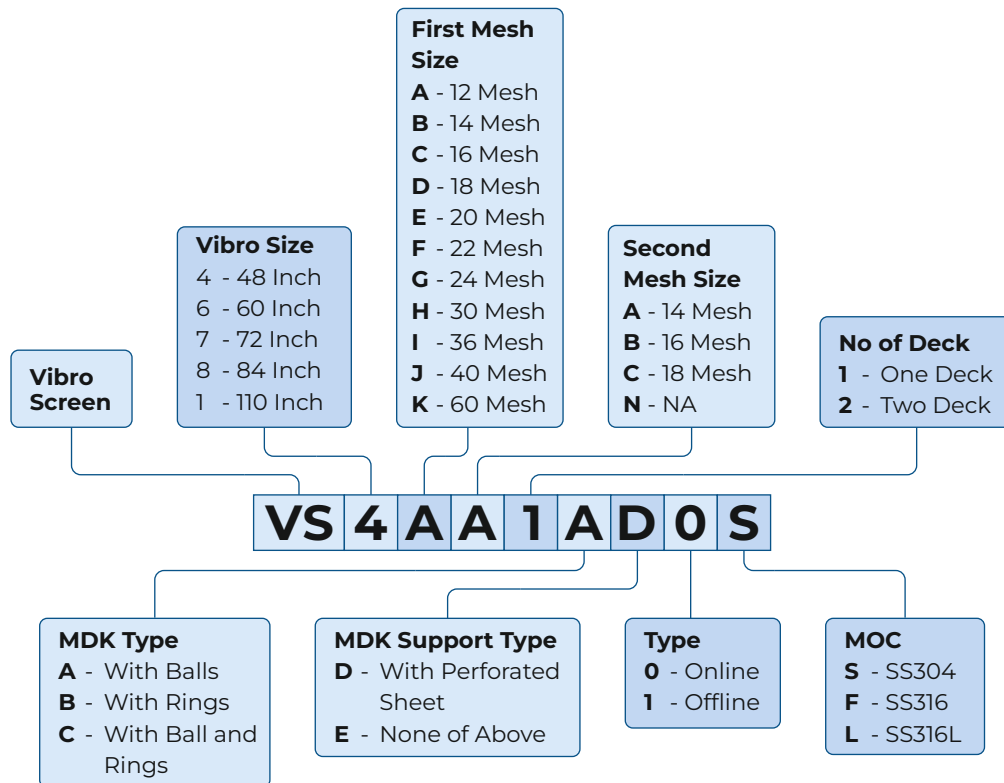


TECHNICAL DATA



MODEL	A	B	C
1200	1160	1087	921
1500	1452	1214	1090
1800	1740	1330	1295
2100	2058	1561	1394

SELECTION GUIDE



JUMBO BAG



ADVANTAGES

- ▶ Bag coupling system with De dusting System ensures dust-free unloading for clean and safe operation.
- ▶ Handles bulk bags up to 2 tons with minimal manual intervention.
- ▶ Optional twin-hoist system and Bag massagers enables fast lifting and smooth discharge of the materials.
- ▶ Vibrating bag support pad ensures complete discharge of Sticky powders, minimizing wastage and improving efficiency.

One Station, Many Solutions - Easy, Safe, and Hassle-Free Jumbo Bag Handling...

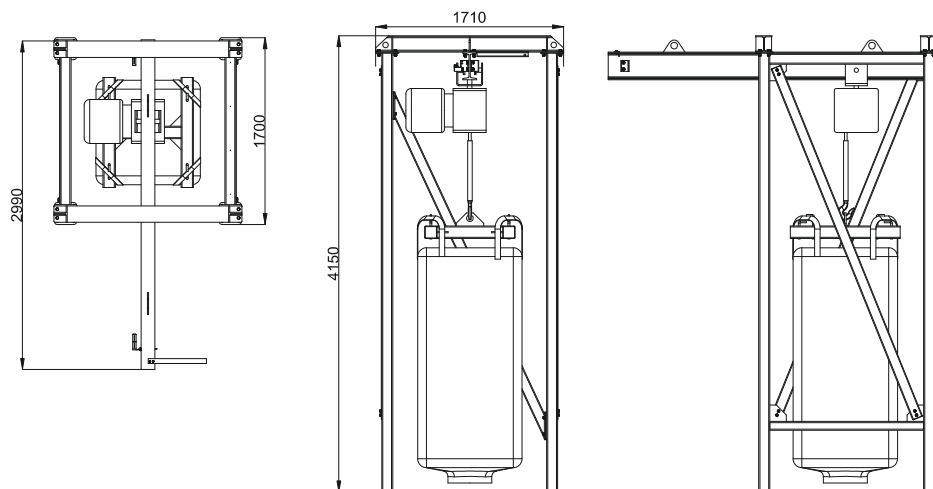
Jumbo Bag Unloading System simplifies the handling of bulk materials. Designed for efficient and dust-free unloading.

Available in hoist-operated and forklift-compatible models, our big bag unloader also features the Combo Delta Model, allowing seamless emptying of both 25 kg bags and jumbo bags in a single unit.

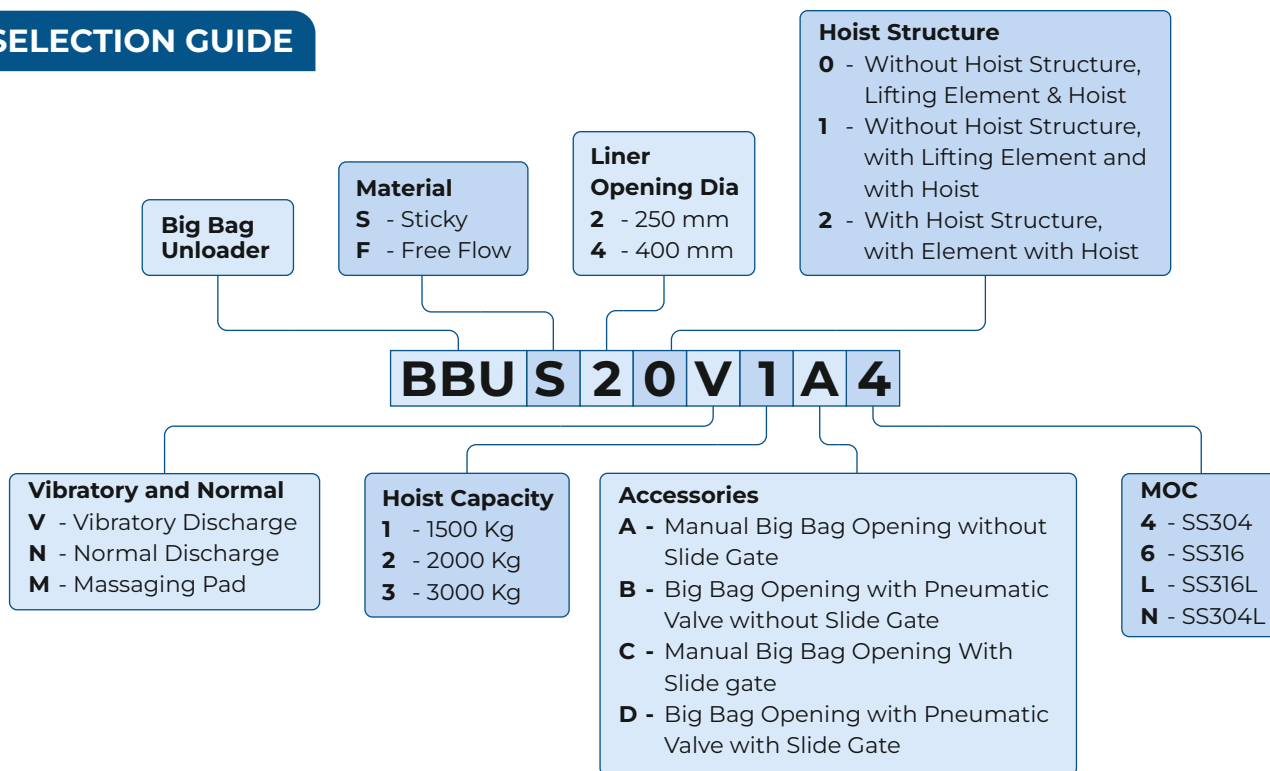
Optional features like bag massaging pads, air fluidizers, and rubber bed ensure leak-free sealing and efficient discharge, even when handling sticky or non-free-flowing powders.



TECHNICAL DATA



SELECTION GUIDE



STORAGE SILO



Weather-proof, corrosion-free, and built to last – our Silo Solutions maximize space, enhance efficiency, and ensure sanitation...

Installing silo for homogeneous flow need detail material characteristics and particle analysis. We design, manufacture & erect silos from 10 tons to 300 tons in stainless steel.

All the silos are adhered to strict countrywide rules & regulations depending upon wind force, seismic zone and land structure.

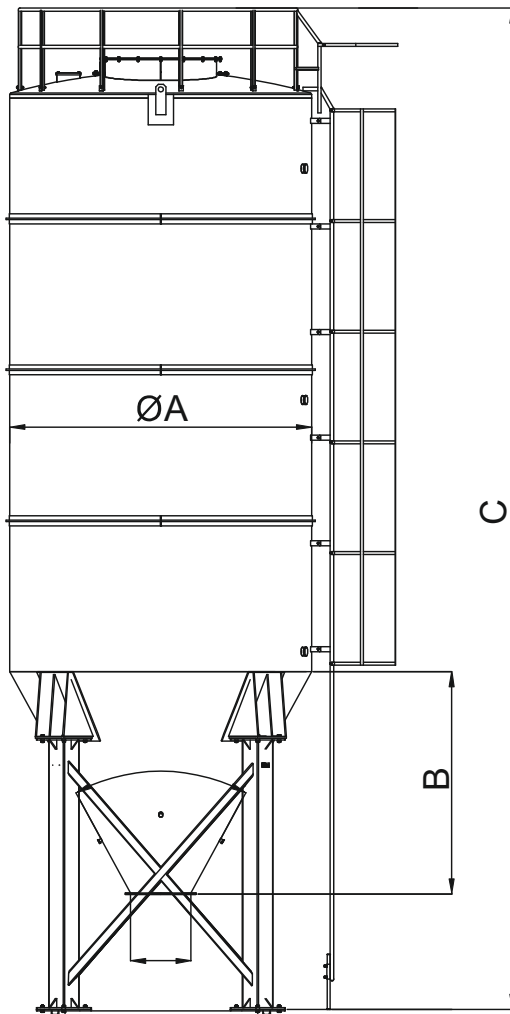
To save transport cost & extra administrative expenses, we not only provide customer the original drawings of silo but also help in selecting local fabricator. Our support ensures that your silos are fully integrated with our accessories & Silo feeding system.



ADVANTAGES

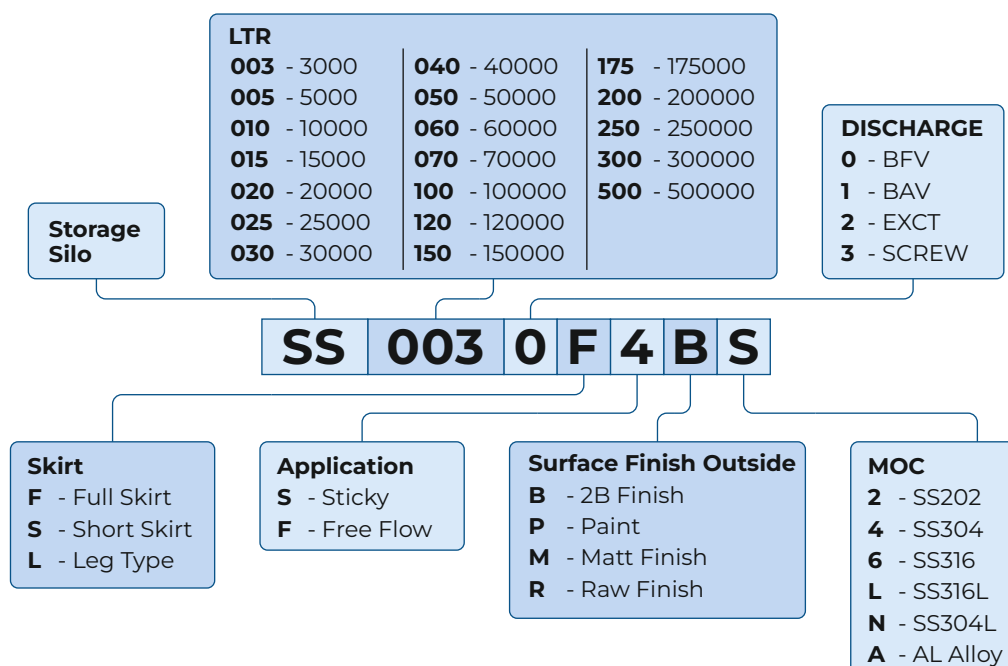
- ▶ FIFO material flow ensures smooth product rotation and prevents material stagnation.
- ▶ Integrated weighing system enables accurate inventory tracking and control.
- ▶ Weather-proof design suitable for outdoor installation without additional covering.
- ▶ Available in SS304, SS316, or Aluminum Alloy for corrosion resistance and long-lasting durability.

TECHNICAL DATA

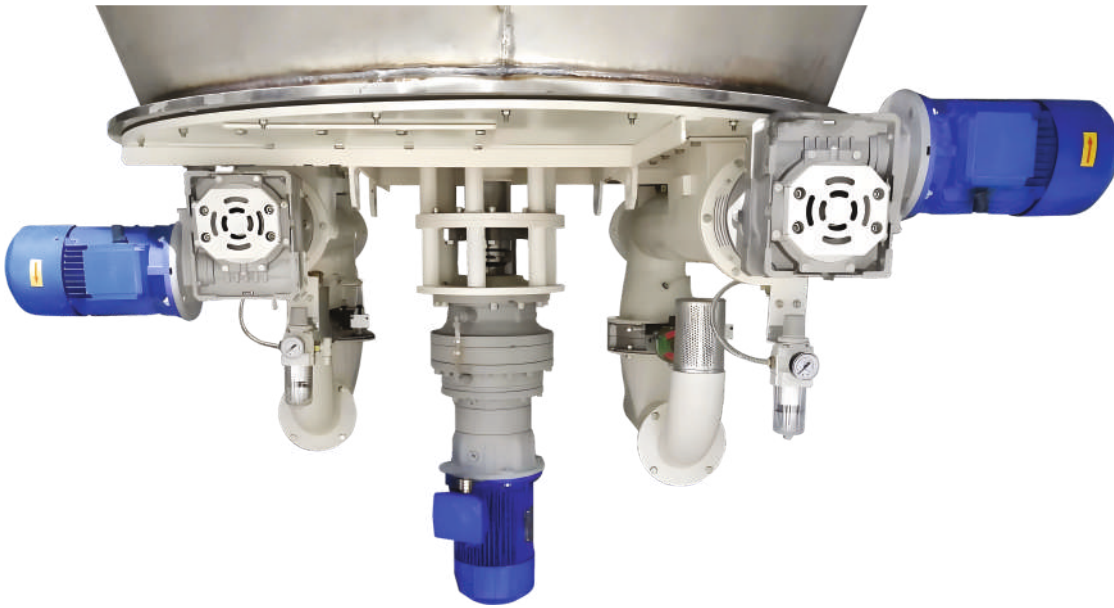


Silo Capacity (Ltr.)	ØA (mm)	B (mm)	C (mm)	Weight (Kg)
5000	1550	825	5500	1020 Kg
10000	2200	1450	6200	1800 Kg
20000	2200	2200	10200	2800 Kg
20000	2200	1400	9500	2600 Kg
30000	3000	2210	9000	3500 Kg
40000	3000	2210	10000	4000 Kg
70000	3500	2500	11700	5600 Kg
1,00,000	3400	3350	16970	12 Ton
1,00,000	3400	2450	14670	12.5 Ton
1,50,000	3650	2700	17300	16 Ton
2,00,000	4250	3200	18200	19.5 Ton
3,00,000	5400	4150	22700	29 Ton

SELECTION GUIDE



EXTRACTOR



Continuous & uniform discharge with an easy-to-clean design, optimized for minimal space requirements...

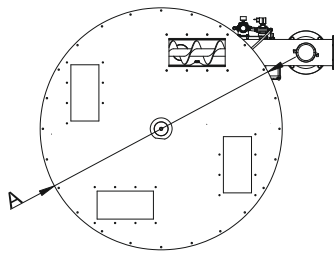
Efficient material handling is the backbone of modern industries, and our Silo Extractors are engineered to deliver unmatched reliability and performance. Designed for the seamless discharge of sticky materials, these systems ensure consistent and smooth material flow without interruptions.

Our extractors effectively prevent material bridging and significantly reduce downtime. Built with durability and efficiency in mind, they are the ideal choice for industries that demand precision, cleanliness, and hassle-free operation.

ADVANTAGES

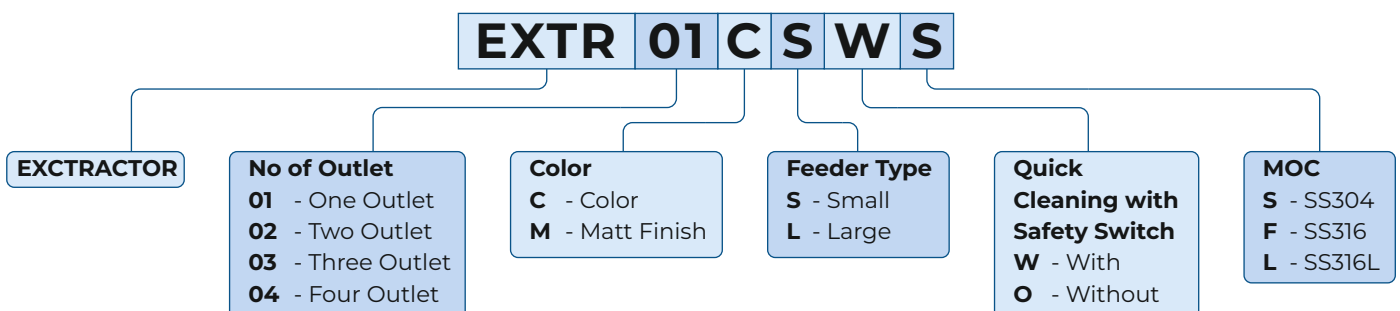
- ▶ Ensures continuous and uniform discharge for sticky powders.
- ▶ Supports multiple discharge points, zero-noise operation, and storage up to 500 tons.

TECHNICAL DATA



MODEL	A (mm)	Weight (Kg)
EXTRACTOR01	1550	625 Kg
EXTRACTOR02	1035	775 Kg

SELECTION GUIDE



SILO ACCESSORIES

ANGEL HAIR SEPARATOR

The Angel Hair Separator removes thin plastic strands, known as angel hair, formed during pneumatic conveying of pellets. Installed at points like silo inlets or bends, it traps these fibers while pellets pass freely, preventing blockages and safeguarding product quality. Easy to inspect and service, it comes with removable screens, making it a reliable, low-maintenance add-on.



LOAD CELL

Load cells measure bulk material weight in silos and convert it into precise signals for inventory control. With high accuracy, wide capacity ranges, and overload protection, they perform well in tough industrial use. Linked with junction boxes and PLCs, they allow real-time weighing and easy calibration. Rugged, weatherproof, and anti-vibration designs ensure stable, repeatable performance, with typical accuracy deviation up to 5%.



ROTARY PADDLE TYPE LEVEL SENSOR

This sensor ensures dependable mechanical detection of bulk levels in silos, hoppers, and bins. A motor-driven paddle rotates until blocked by material, triggering a switch for high or full indication. Strong, easy to install, and effective in dusty conditions, it suits powders and granules while offering a cost-efficient solution for inventory control and overfill protection.



PRV

Pressure Relief Valves are the last resource when abnormal pressure conditions endanger the silo structure. This is why sudden excess or suction pressure inside the silo must be dealt with instantaneously. Even though a Pressure Relief Valve should ideally never have to come into action, it must work efficiently and reliably when needed.



VACUUME SYSTEM



Specially selected vacuum generators are heart of the system. Selection of these blowers is thorough our state of the art "Pneucon Soft" software, which calculates exact air Vs Vacuum requirement as per piping specifications & material flow propoerties.

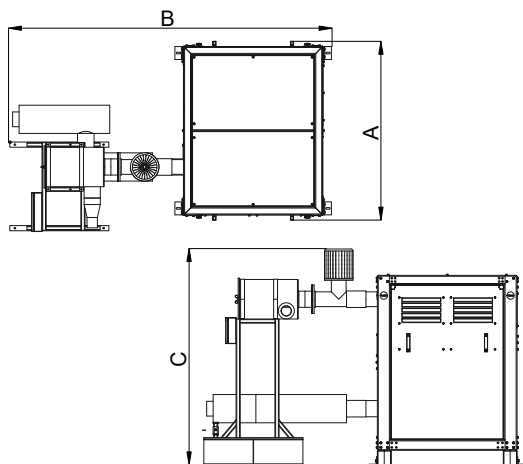
Our world wide suppliers are back bone of our supply chain and promices maximum uptime. It is available in wide pressure operation range starting from (-100 mbar) to (-800 mbar).

ADVANTAGES

- ▶ Low noise operation for a quieter environment.
- ▶ Filter and pressure switch for enhanced safety.
- ▶ Vibration-free performance for stable operation.
- ▶ Power efficient design gives lesser kW/kg

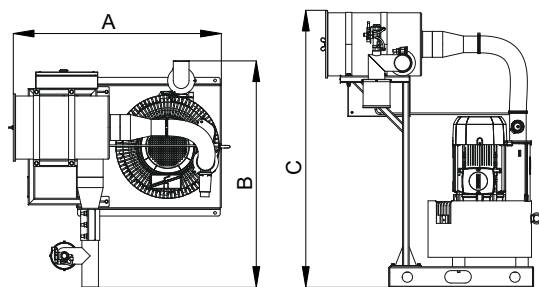


TECHNICAL DATA



Root Blower

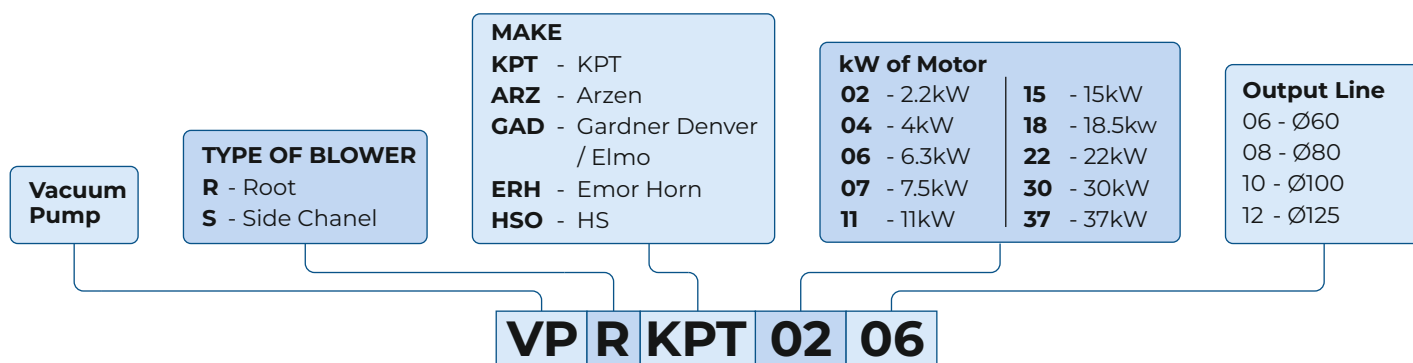
MODEL	Power Kw	A (mm)	B (mm)	C (mm)	Weight (Kg)
SR044V0055	5.5	1610	2770	1290	200 Kg
SR069V0075	7.5	1380	2500	1670	550 Kg
SR069V0000	11	1380	2500	1670	550 Kg
SR091V0000	15	1380	2500	1670	550 Kg
SR142V0185	18.5	3230	3190	1885	700 Kg
SR142V0030	30	3230	3190	1885	700 Kg
SR142V0037	37	3230	3190	1885	700 Kg



Root Blower

MODEL	Power Kw	A (mm)	B (mm)	C (mm)	Weight (Kg)
DR22000000	2.2	515	680	1255	90 Kg
DR40000000	4	1005	985	1340	100 Kg
DR55000000	5.5	1005	1050	1340	120 Kg
Dr75000000	7.5	1005	1095	1340	170 Kg

SELECTION GUIDE



PRESSURE CONVEYING SYSTEM



Specially selected pressure air generators are key performance equipment of the system. Selection of these blowers is thorough our state of the art "Pneucon Soft" software, which calculates exact air Vs pressure requirement as per piping specifications & material flow properties.

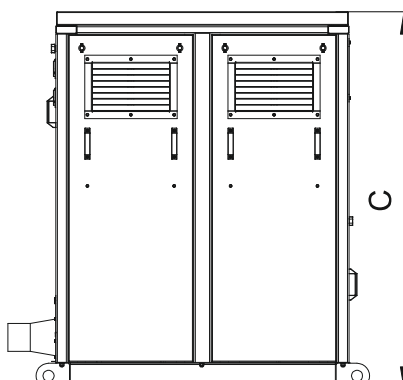
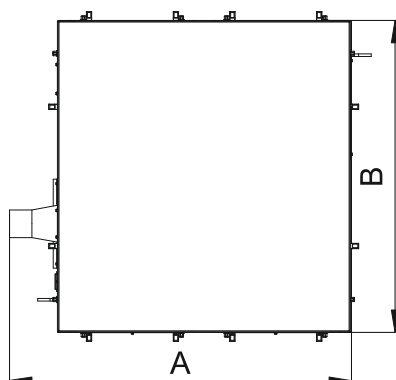
Our world wide suppliers are back bone of our supply chain and promises maximum uptime. It is available in wide pressure operation range starting from (-300 mbar) to (-900 mbar).

ADVANTAGES

- ▶ Low noise operation for a quieter environment.
- ▶ Filter and pressure switch for enhanced safety.
- ▶ Vibration-free performance for stable operation.
- ▶ Power efficient design gives lesser kW/kg

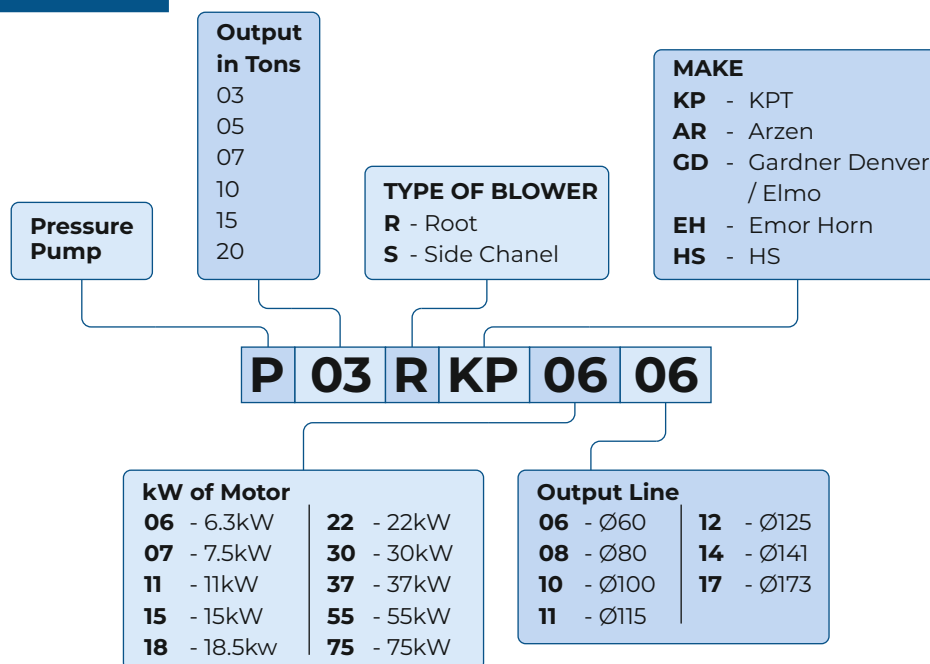


TECHNICAL DATA



MODEL	A (mm)	B (mm)	C (mm)
SR69	1235	1300	1405
SR91	1235	1300	1405
SR142	1528	1400	1705

SELECTION GUIDE



BLOWER ACCESSORY

Blower accessories are essential for ensuring the smooth, safe, and efficient operation of pneumatic conveying systems. Designed to support and enhance the blower's performance, each accessory addresses specific operational requirements. Together, they enhance conveying reliability, safeguard sensitive materials, and improve overall system efficiency while creating a safer and more comfortable working environment.

FRESH AIR VALVE

The Fresh Air Valve provides flow of fresh air on blower while running in idle conditions. It improves blower cooling and gives longer operational life.



SILENCER

The Silencer minimizes the exhaust air noise of any blower, be it vacuum Or pressure. Mainly suitable for conveying applications in controlled environment and following OHSAS.



RADIATOR AIR COOLER

For sensitive material handling air temperature is key decisive factor. This cooler cools down blower outlet air temperature to process requirement for gentle material handling. Customer to provide required chilled water supplier as per suggested by Prasad Pneucon.



DUST FILTER

For dusty material conveying applications, this is one of the essential accessory. It prevent entry of polymeric dust into blower lobes/ fins. Also, it improves product quality by separating unwanted dust from raw material



PIPING AND ACCESSORIES

Piping and accessories are the backbone of any pneumatic conveying system, guiding material flow, protecting product quality, and minimising wear and downtime. Well-designed pipework and fittings ensure smooth material transport with minimal pressure loss and reduced bridging.

PIPES

All pipes are SS304 with special surface finish from inside. Each inside surface finish is specially curated specially for the material which is going to be conveyed.



BENDS

Bends are one of the most rugged components of the system. Bends are having higher thickness to withstand the material impact & abrasion.



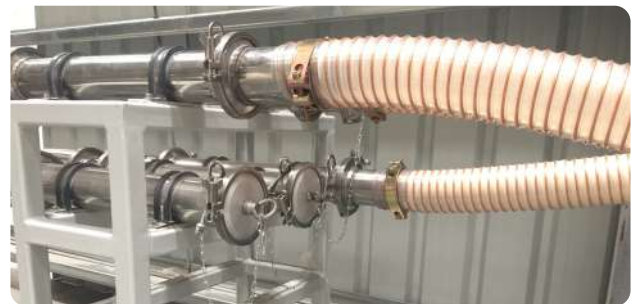
SUPPORTS

Modular pipe support brackets are specially designed as per site conditions and it provides support to material piping, electrical cable trays & earthing circuit.



QUICK COUPLING

Most useful for quick material grade changes without opening the pipe line.



LINE CLEANING AUTOMATION

This is a special device which keeps material line in empty condition after each conveying cycle. It indirectly helps to reduce starting load on blower / pump and helps to achieve longer operation life.



BLENDER

Blenders are designed for uniform mixing of powders, granules, flakes, and chips, with an option to add liquids through sparging for consistent absorption. Based on process needs, models like Ribbon and Vertical Mixers offer distinct benefits in accuracy, hygiene, discharge, and flexibility.

RIBBON MIXER

A Ribbon Mixer is a highly efficient solution for blending dry powders, granules, and even semi-moist materials. Its unique agitator, equipped with dual ribbons inside a U-shaped trough, ensures uniform circulation of materials, resulting in excellent mixing consistency.

These mixers are designed to achieve extremely high accuracy, with mixing ratios as precise as 1 part in 500,000. This means even the smallest ingredient quantities can be evenly distributed within a large batch, ensuring reliable results in every operation.



MODEL	Total (L)	Useful (L)	kW (*)	RPM (1/min)	L (mm)	W (mm)	H (mm)	Weight (kg)
PRB-100	100	60	2.2	120	1,410	540	1,650	600
PRB-300	300	180	4–5	65	1,700	700	1,820	750
PRB-500	500	300	7.5	52	2,150	820	1,850	950
PRB-1000	1,000	600	11	35	2,490	1,050	1,920	1,250
PRB-1500	1,500	900	15	35	2,900	1,150	2,080	1,700
PRB-2000	2,000	1,200	18.5	29	3,100	1,300	2,230	2,100
PRB-3000	3,000	1,800	22	25	3,600	1,500	2,400	3,200
PRB-4000	4,000	2,400	30	23	3,910	1,520	2,390	4,300
PRB-5000	5,000	3,000	37	23	3,950	1,650	2,450	5,250

VERTICAL MIXER

The Vertical Mixer is a modern mixing system engineered to deliver outstanding product homogeneity while maintaining strict hygiene standards. Its design allows nearly complete discharge with minimal residue, supports flexible loading capacities, and is built for durability and long operating life.

Ideal for batch processing, Vertical Mixers are suitable for free-flowing powders, granules, and pellets. They are widely adopted in industries such as food processing, pharmaceuticals, cosmetics, fine chemicals, and biotechnology, where precision and cleanliness are critical.



MODEL	Total Capacity (L)	Working Capacity (L)	Power (kW)	Speed (RPM)	L (mm)	W (mm)	H (mm)	Weight (kg)
PAM-30	30	21	1.1	150	1,200	720	1,580	500
PAM-50	50	35	2.2	130	1,350	800	1,600	580
PAM-100	100	70	2.2	129	1,500	900	1,700	800
PAM-200	200	140	3	124	1,750	980	1,850	1,000
PAM-300	300	210	5.5	120	1,900	1,000	1,870	1,100
PAM-500	500	350	5.5	114	2,050	1,080	2,050	1,200
PAM-750	750	525	7.5	109	2,200	1,160	2,200	1,300
PAM-1000	1,000	700	11	104	2,450	1,220	2,450	1,700
PAM-1500	1,500	1,050	15	95	2,650	1,310	2,650	2,100
PAM-2000	2,000	1,400	19	91	2,850	1,400	2,850	2,700

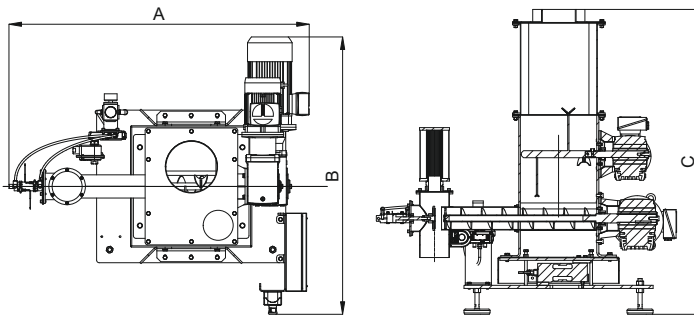
LOSS IN WEIGHT FEEDER

Loss-in-Weight Feeders are used for precise and continuous powder feeding for continuous dosing applications. The system works by measuring the reduction in weight of the material over time using digital load cells. It allows the feeder to automatically adjust and maintain a constant feed rate with $\pm 0.1\%$ deviation. These feeders are widely adopted for small & micro ingredients in process.

Each feeder is designed with special provisions to suit material flow characteristics for free flowing, sticky, lumpy or clogging materials.

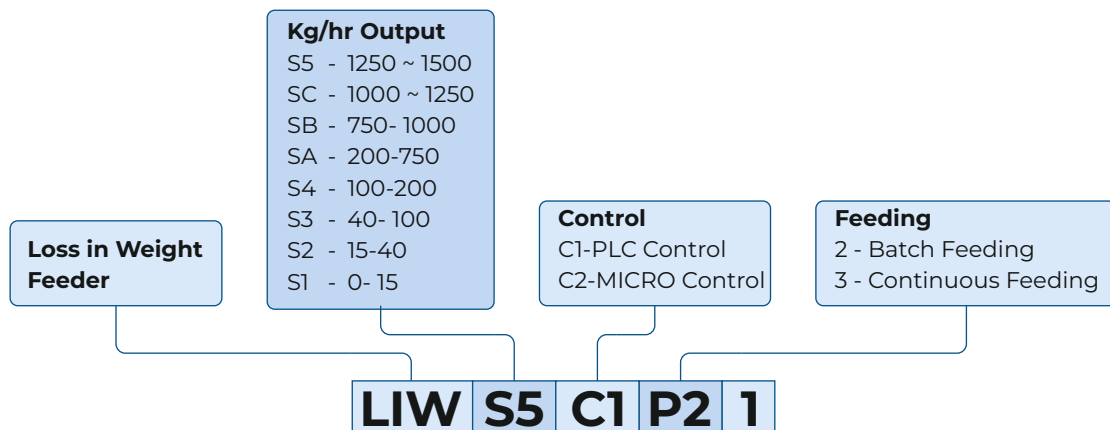


TECHNICAL DATA



MODEL	Batch Capacity (Batches/hr)	A (mm)	B (mm)	C (mm)
	0-15	575	430	700
	15-40	575	430	700
	40-100	575	430	700
	100-200	700	720	1100
	200-750	700	720	1100
	750-1000	1000	900	1615
	1000~1250	1000	900	1615
	1250~1500	1160	1070	1370

SELECTION GUIDE



**NEED
ACCESSORIES or APPLICATIONS**

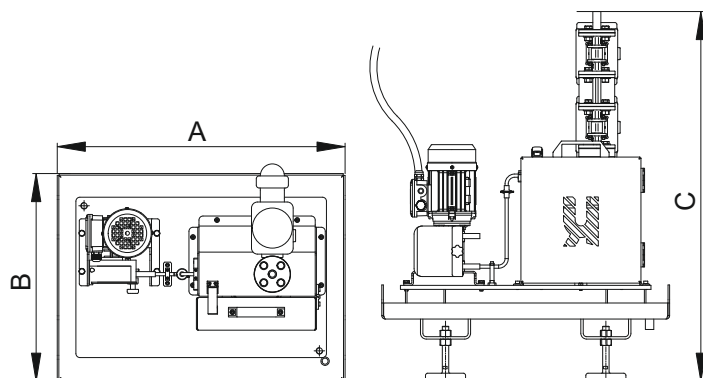
LIQUID LOSS IN WEIGHT FEEDER



Precision loss in weight liquid dosing Feeders are used for precise and continuous liquid feeding for continuous dosing & intermittent applications. The system works by measuring the reduction in weight of the liquid over time using digital load cells. It allows the feeder to automatically adjust and maintain a constant flow rate with $\pm 0.1\%$ deviation. These feeders are widely adopted for small & micro liquids in process.

Each feeder is designed with special provisions to suit liquid flow characteristics for various viscosity liquids.

TECHNICAL DATA



MODEL	Batch Capacity (Batches/hr)	A (mm)	B (mm)	C (mm)
	1~12	720	520	925
	12~50	800	600	1100
	50~500	1200	800	1500

SELECTION GUIDE

L	I	W	L	3	C	1	P	2	1
FIX	FIX	FIX	FIX	Variable	FIX	Variable	FIX	Variable	FIX

3- 1~12 Kg/hr

4- 1~12 Kg/hr

5- 1~12 Kg/hr

1-PLC Control

2-MICRO
CONTROL

2-BATCH
FEEDING

3- CONTINUOUS FEEDING

**NEED
ACCESSORIES or APPLICATIONS**

GRAVIMETRIC LOSS IN WEIGHT EXTRUSION PROCESS CONTROL

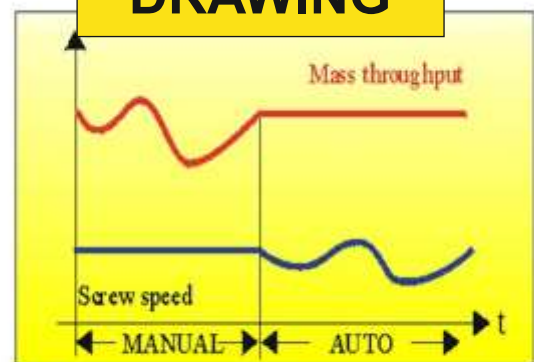
Prasad Pneucon New EPC System, monitors & controls exact throughput which enable material savings through precise mass throughput and weight per meter control

Accuracy : $\pm 0.5\%$

- ✓ 2% ~ 3% Raw Material Savings
- ✓ Quick Line Start-up without Wastage
- ✓ Control Weight per meter

**NEED HIGH
RESOLUTION IMAGE**

**NEED
DRAWING**

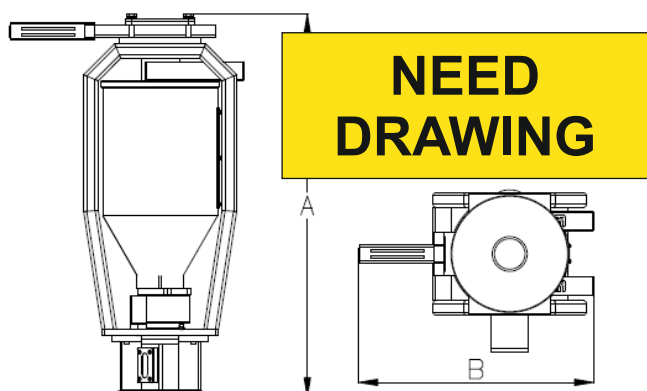


- Constant throughput

ADVANTAGES

- ▶ Constant mass throughput with raw material savings of up to 5%
- ▶ Consistent weight per meter reduced to an absolute minimum
- ▶ Reduction of start-up scrap
- ▶ Optimum flow behaviour of the materials
- ▶ Dead-zone-free filling, weighing, and dosing
- ▶ Suitable for complex recipes and special applications (with up to 7 components)
- ▶ Industry 4.0 ready for extensive production data collection and analysis

TECHNICAL DATA



MODEL	Weighing Capacity (Kg/Batch)	A (mm)	B (mm)
GRH20	200	1025	625
GRH50	600	1200	650
GRH75	1200	1325	725

SELECTION GUIDE

G	R	H	2	0	G	R	X	T	1
FIX	FIX	FIX	Variable	Variable	FIX	FIX	FIX	FIX	Variable

20 - 200 Kg/Hr
50 - 200 Kg/Hr
75 - 200 Kg/Hr

1- Single Layer Contol
3- Single Layer Contol

APPLICATIONS



PVC pipes and HDPE pipes

MANUAL ADDITIVE HOPPERS

Manual Additive Hoppers (MAH) offer a simple and reliable way to add pre-weighed chemicals (up to 30 kg) into mixing or blending processes. Equipped with a level switch and acknowledgement panel, they reduce errors and ensure accurate dosing. Feeding options include direct mixer feeding, inline conveying, or belt conveyor automation.

Level Switch

Special level switch ensures physical material presence is manual additives hopper providing FOOL-PROOF Solution.

Bar-Code Scanning

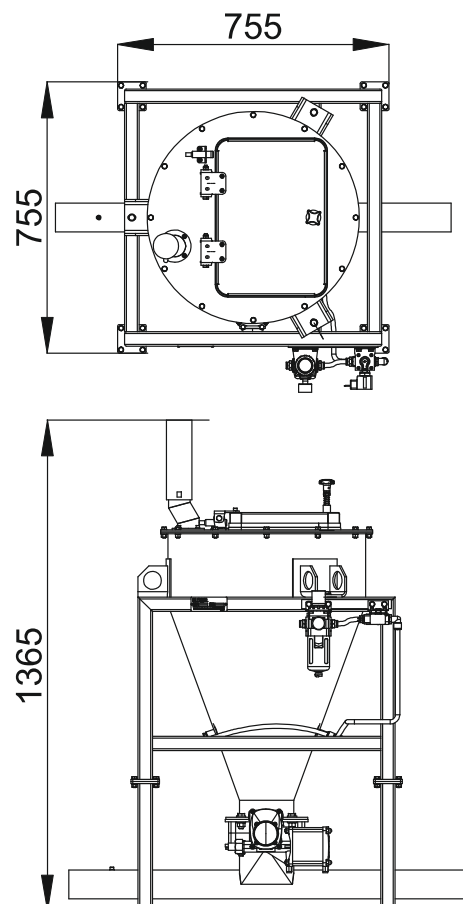
BAR code based lid locking system restricts wrong material dosing into process. User can scan bar code and then only lid will unload - If the scan material is correct.

Fall Sensor

While manual additive hopper with pouch dosing conveyor, it ensures physical dropping of additive pouch



TECHNICAL DATA



PIPING AND ACCESSORIES

1. Direct Feeding to Mixer

Additives can be directly fed into the mixer using a single pack, making it suitable for processes with multiple additives or frequent changeovers. It also allows recording of additive feeding with minimal human intervention, ensuring accuracy and efficiency.



2. Inline Feeding Hopper

In inline feeding systems, additives are introduced into the main material line through vacuum conveying. Using the "sandwich process," the additives are fully transferred along with the primary material flow, while inline flushing ensures the entire quantity reaches the mixer without leaving any residue.

3. Additive Belt Conveyor

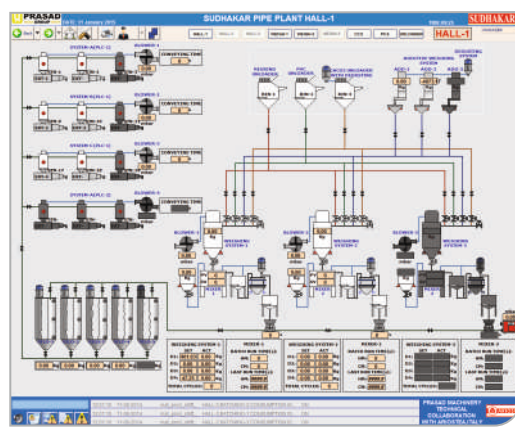
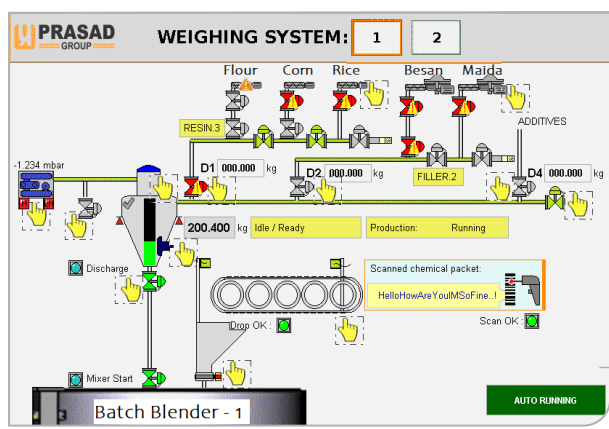
The additive belt conveyor is designed with dedicated slots to store pre-packed additive pouches, enabling single-unit discharge as per process demand. Sensor-based signaling ensures accurate discharge confirmation, while adjustable height options provide flexibility for installation.



Central Control & SCADA System

Intelligent, self correction and safe are the key factors to design the control system. All the components are selected to perform under tough environment. Operator gets all the important data of his plant at the tips of finger via graphics touch screen.

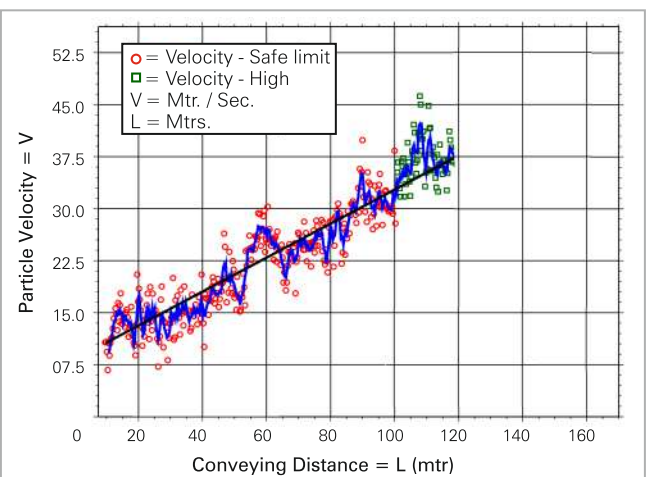
Pneucon Supervisory System is total material management system for any plant. This futuristic software combining all the controls, PLCs and displays into one and generate numerous reports for your MIS. It can be integrated with your ERP, excel sheet, remote diagnostics via secure server and real time updating you through SMS via GSM module.



- Measuring
- Communicating
- Memory Storing
- Calibrating
- Integrating
- Regulating
- Documenting
- Controlling
- Reporting
- Logging
- Printing
- Connecting

PNEUCON SOFT - Optimise conveying

For all standard materials our PneuCon Soft always design optimum sizing. Multiple plant inputs are fed and system will not only generate pressure graph but also gives you material conveying velocity curves. Decades have been spent in development of such software which ensure that your material always convey gracefully with minimum energy consumption.



Various applications demand specific attention, practical experience and in-depth process knowledge. Whether it is bridging Bulk Ingredients or premix ingredients, whether its or flow less powder form, feeding accurately and conveying reliably is the routine job for our engineers.

Pneucon Lab - Nothing is impossible



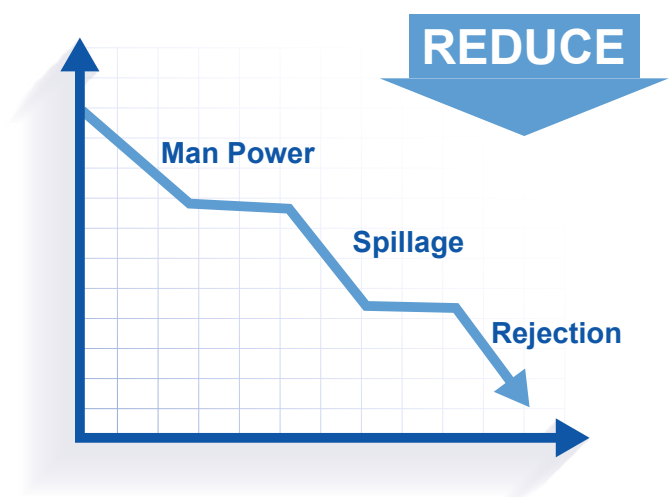
With continuous development in technology newer materials are invented with better dispersion. It means you are playing with finer particle size and more cohesive property. No plant head would experiment system directly to check if it's working.

At Prasad we have invested in Pneucon Lab with various pipe sizes from 80 mm to 125 mm up to 160 mtr conveying distance. No project leaves factory without testing thoroughly to simulate YOUR plant condition.

Send us your challenging material or sample for analysis. We will run it on our pilot plant and submit you test report free of cost.

Project Implementation

We partner with our clients & become part of their successfull Implementation process. Working like full time consultants, we provide all detailed layouts & installation views to our clients, such as...



Plant Layout



P & ID



Air & Electricity



Building Drawing



Piping & Equipments

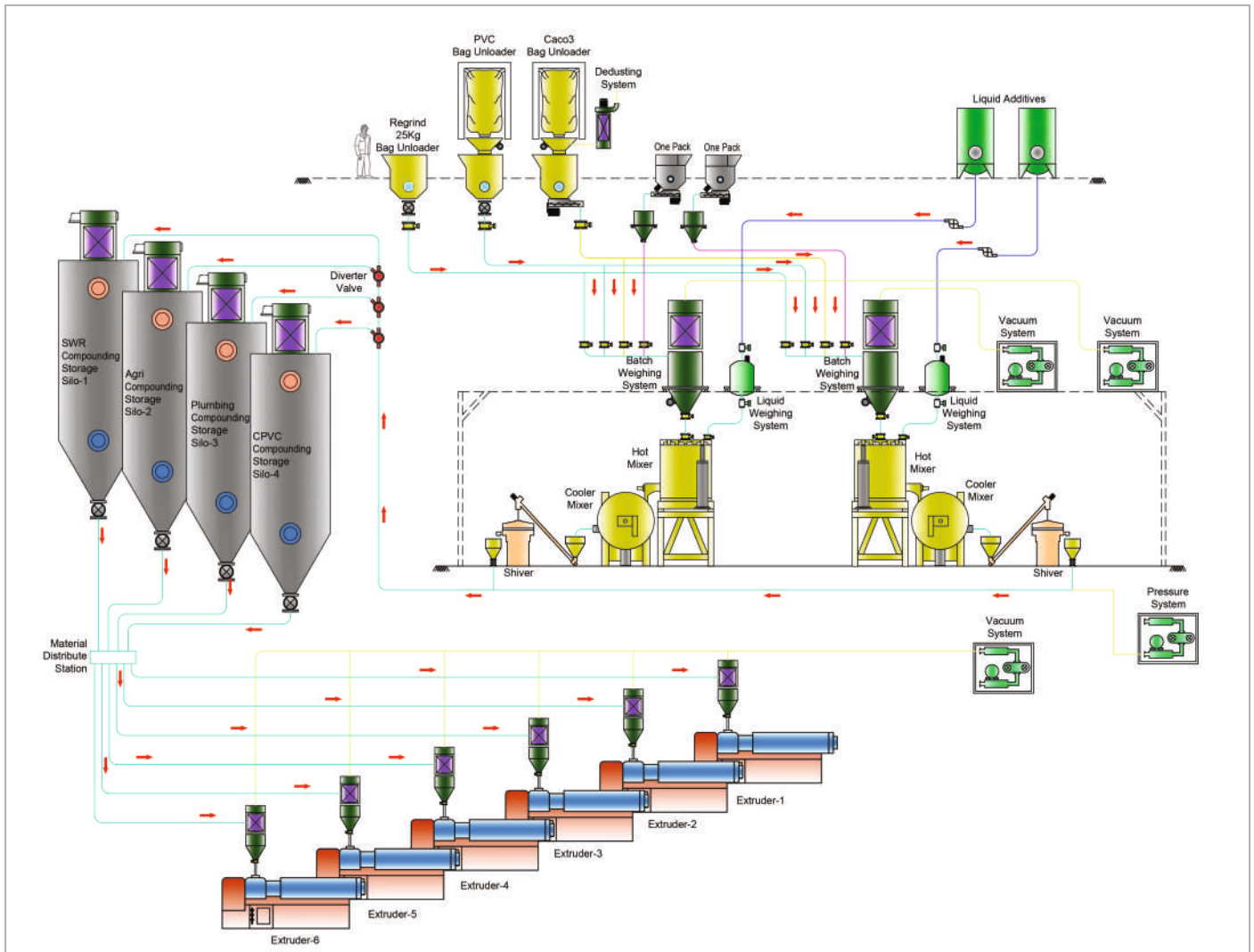


Automation

PVC/CPVC pipes

PVC pipes and profiles are typically of larger capacity. When formulation is the key to success, we make sure that your ingredients reach to extruder without human intervention in perfect homogeneous mixture.

Our modular control has advantage of starting with the simple system for PVC and CaCO_3 auto batching and upgrading to full fledge automation at later stage. This ensures that even smaller customer can be competitive with minimum investment.



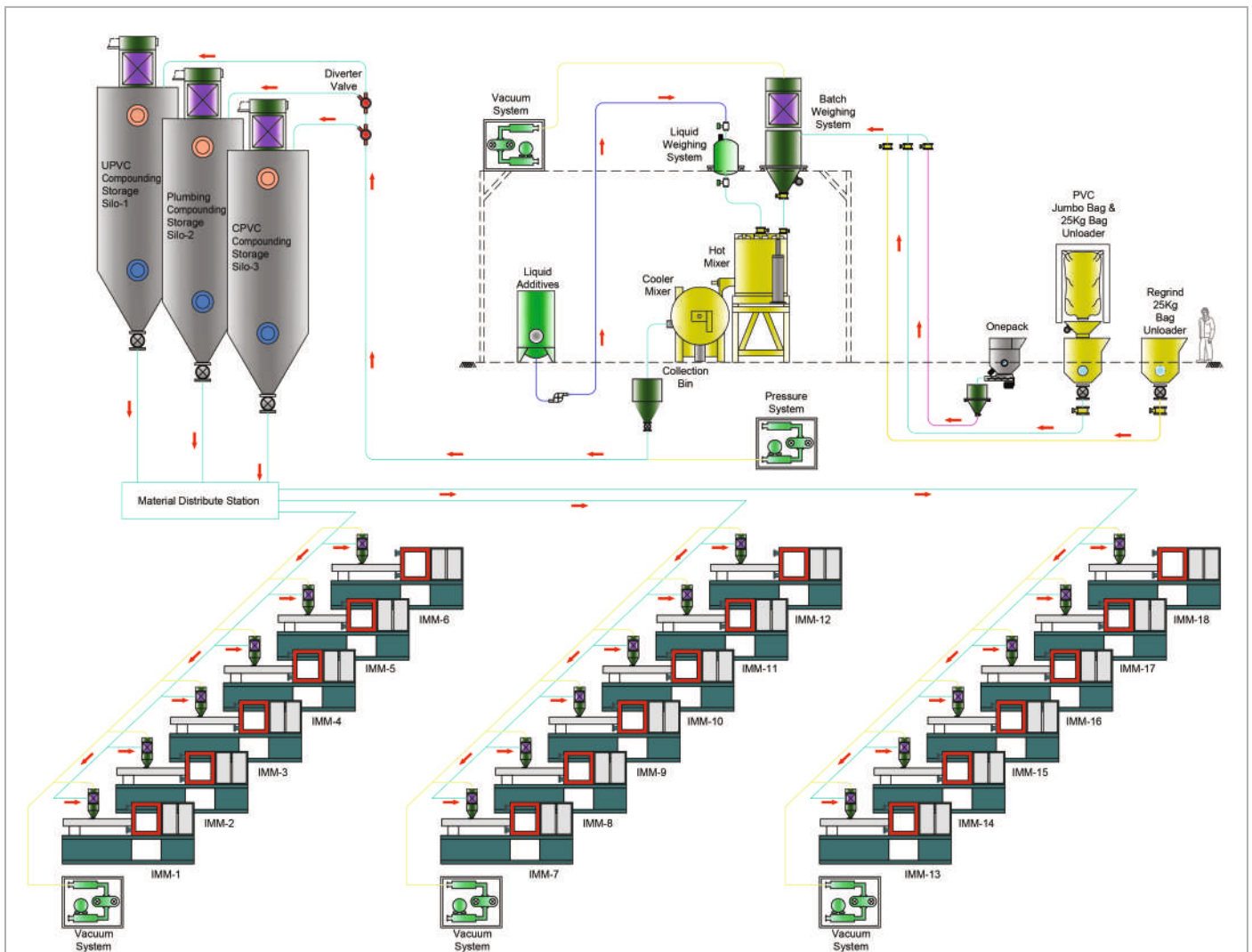
With automation we have introduced the concept of using one or two bigger mixer catering to multiple extruders with multiple recipes and colours. This has changed the face of Indian PVC industry.



PVC/CPVC Fittings

Often Injection Moulding shop is ignored for automation due to lesser throughput. Prasad Pnecon has introduced easy conveying solution to cater this segment. Connecting just 5-6 IMM with common blower can greatly benefit processors with machine productivity and reduce wastage.

Multiple recipes can be fed via manifold station. System can also be integrated with on-line colouring system for ultimate automation



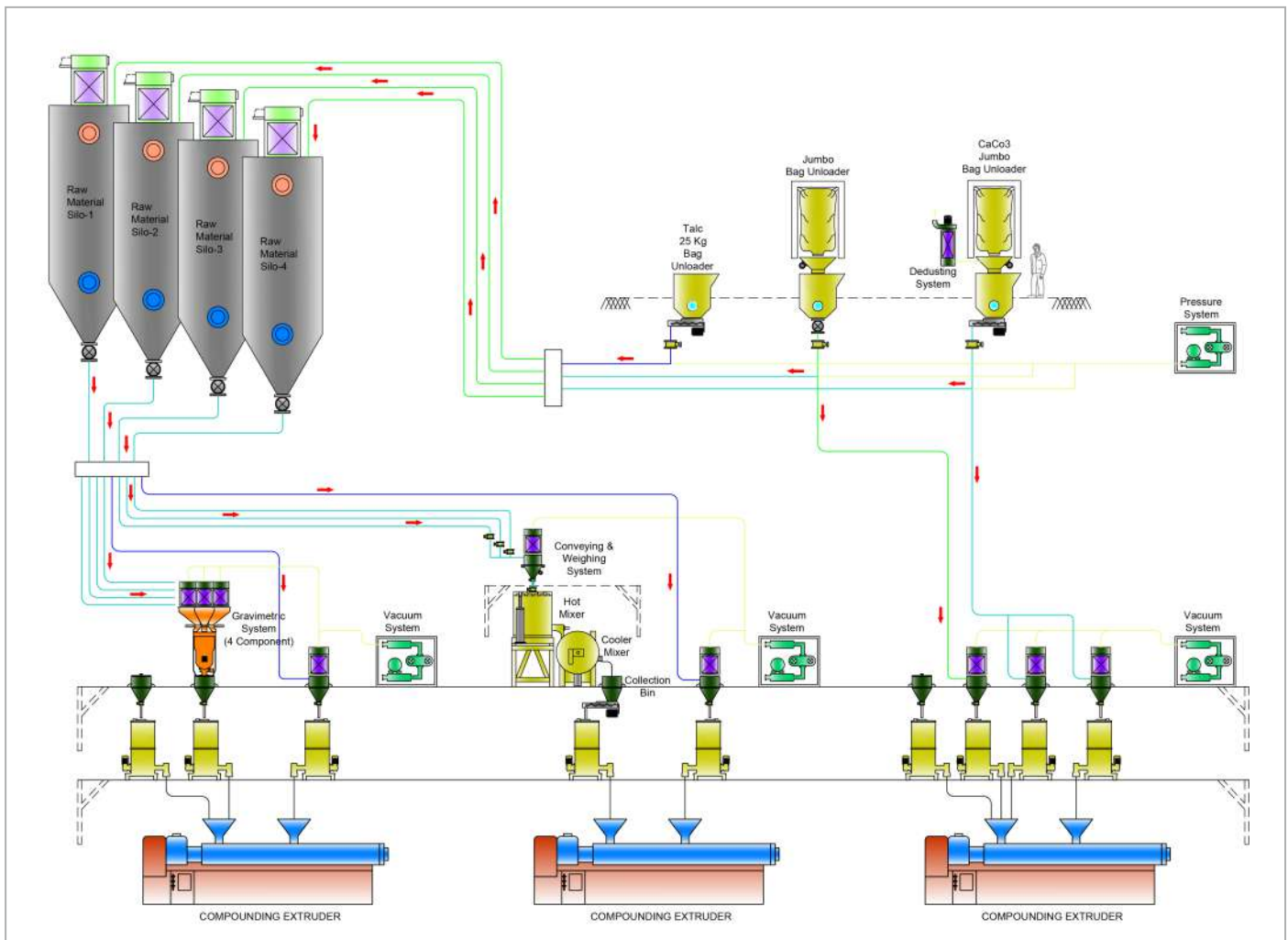
Whether you use pelletised granular or use directly compounded powder, multi colour change is quick & easy. Conveyor belt also can be introduced to shift on machine operation to central assembly area.



Polymer Masterbatch Compounding

Compounding plant competitiveness is often decided by flexibility and versatility to produce various kinds of compounds in one extruder. By implementing automation solutions from Pneucon you get unique experience of our engineers in integrating with different make of extruders, feeders and raw material inputs.

Our system has special features in the segment where you can connect more feeders and add more material bins in the same control seamlessly in future.



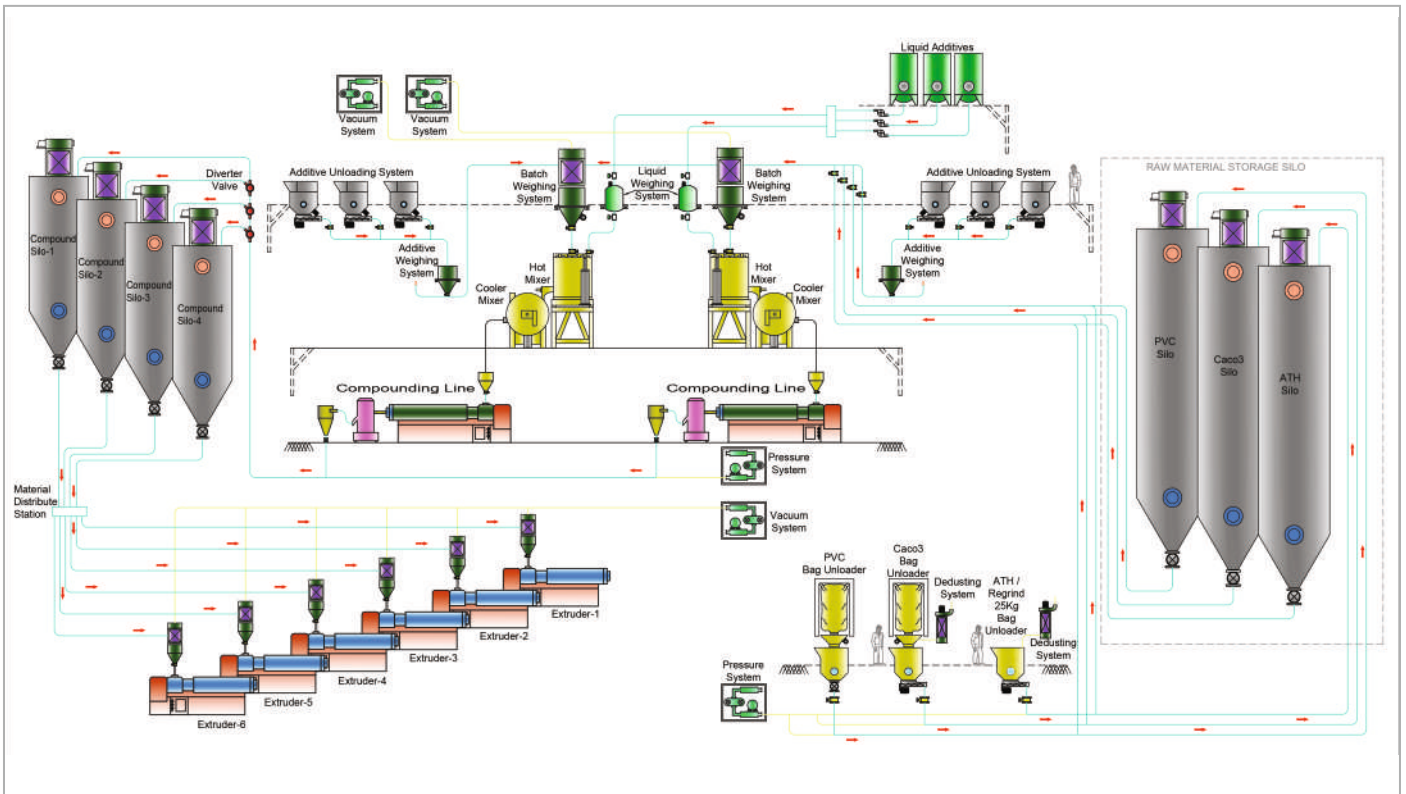
System installed successfully with...

- Filler masterbatch
- Automotive compounding
- Wood plastics composites
- White masterbatch (TiO_2)
- Talc filled Polymer
- Carbon black masterbatch



Cable Compounding

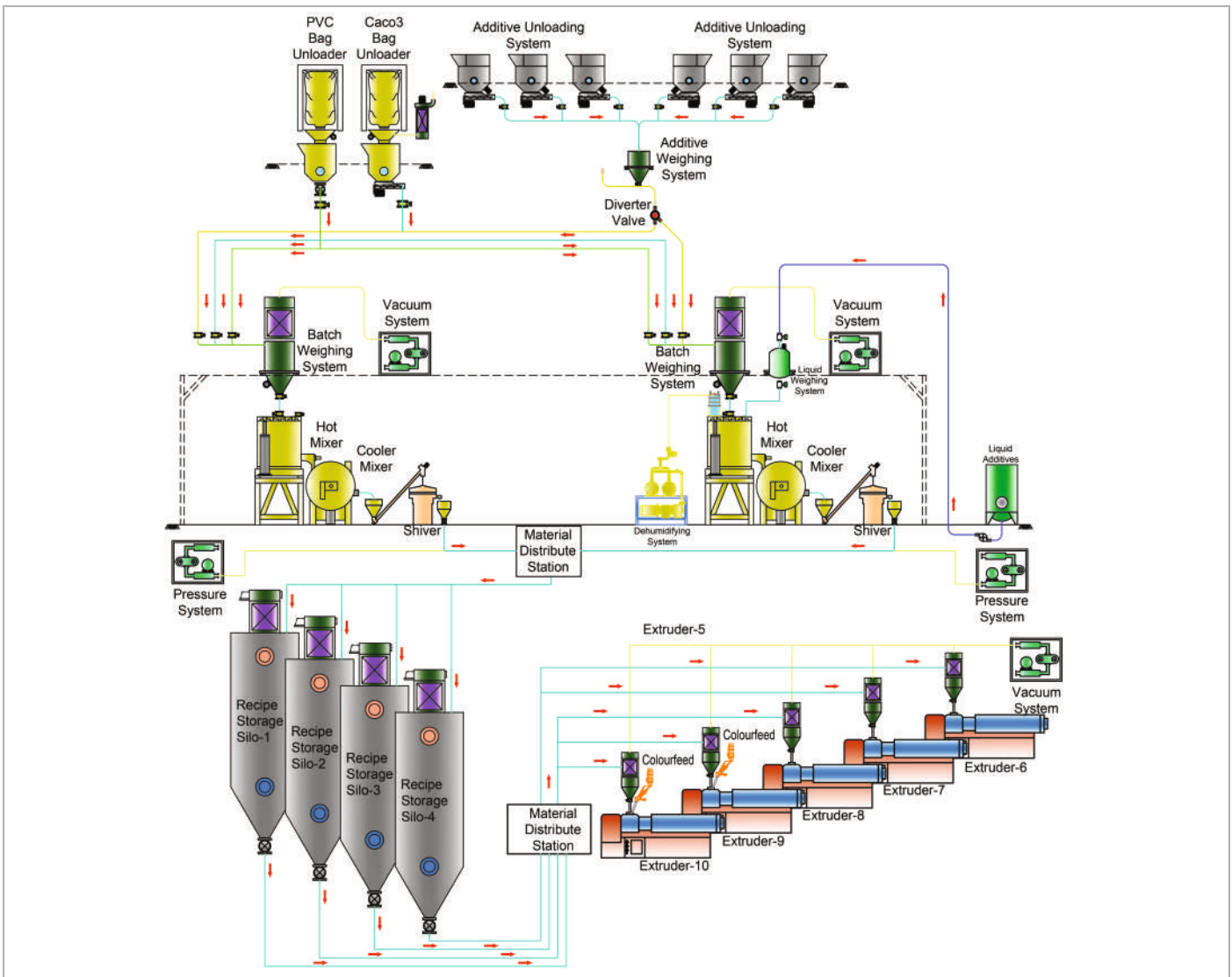
Cable compounding is the most demanding application where quality criterion is stringent. Many variations in formulation within shortest span are required to cater to flexible & ever changing market demand. Here installation on mixer is typically a tower structure and all the components are fed from top to bottom including liquid, additives, CaCO_3 and PVC.



Slight change in temperature & formulation process can create disaster so Prasad Pneucon not just ensures for sequential dropping of all the components base on different temperature but also logs all the parameters into PLC history for traceability.

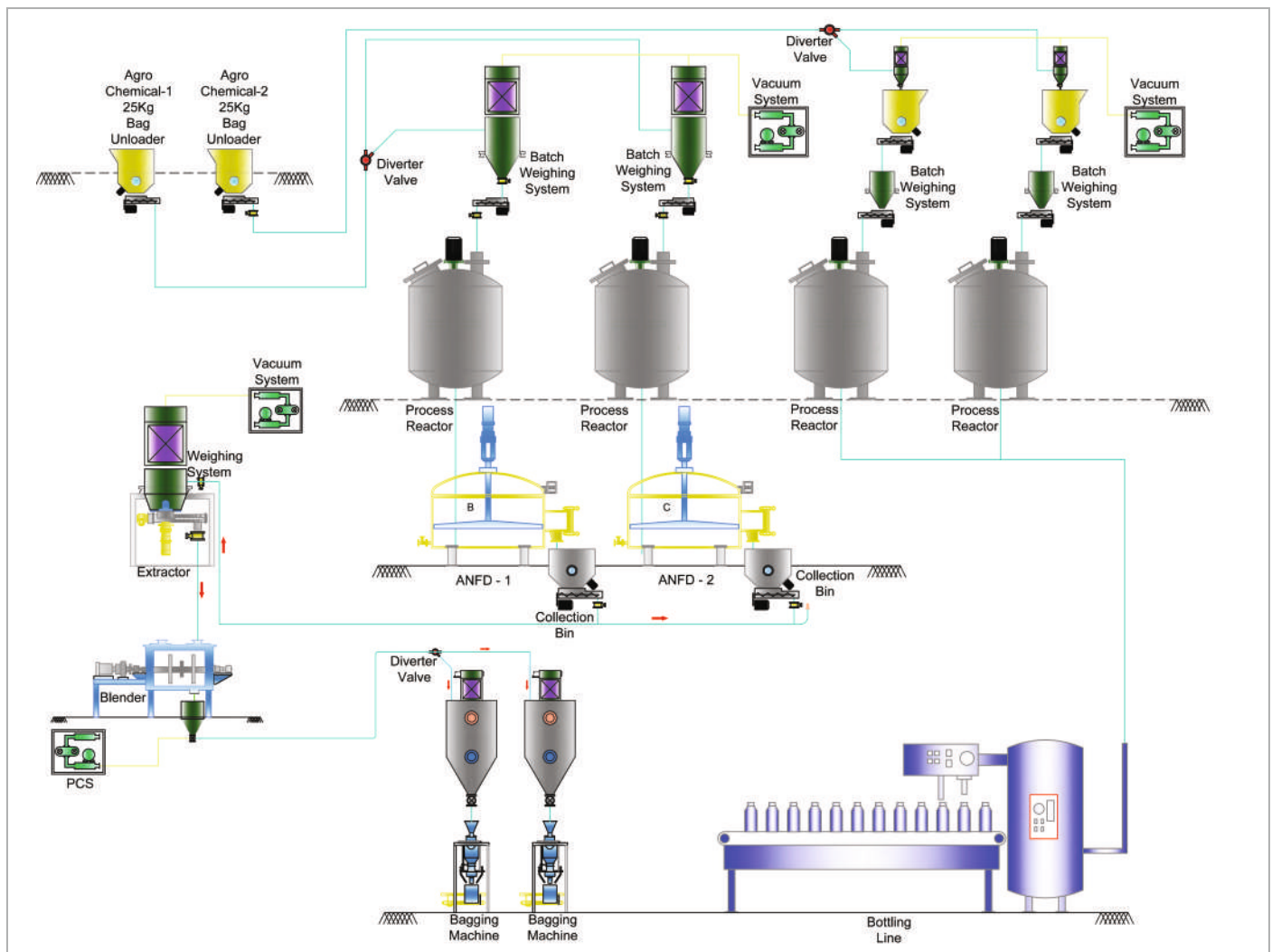
PVC & WPC - Profiles

In PVC profiles plant, combination of additives play vital role for the mechanical properties of profiles. Prasad Group's recipe maker system gives total control over additives permutations & combinations. Online colour dosing technology is breakthrough for profile industry and gives ease of operation from managing colour changes on Mixer. User can directly switch colour on extruder without loosing huge start up wastes.



Agro Chemical

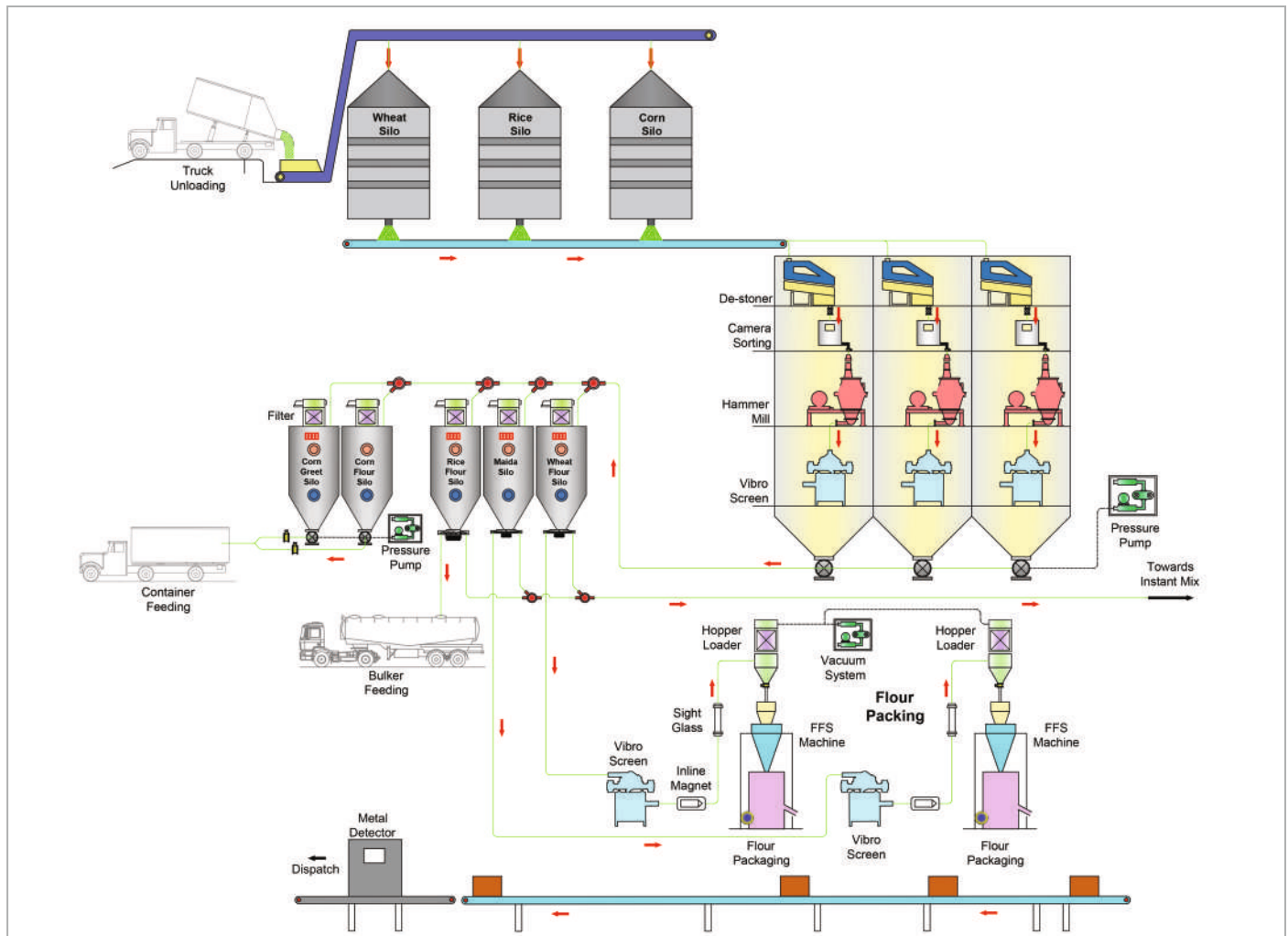
Fertilizer liquid manufacturing plants are facing challenge of inconsistent dispersion of material in batch. Due to this batch rejection is costliest loss. Our controlled dosing units ensures consistent dosing of powder ingredients so slurry has no agglomerates or chunks in it. Additionally the entire material handling system integrates with batch process and filling plant also.



Flour Industry

In Flour Industries, variety of materials includes Flour, Besan, Wheat, Flax Seeds, Grains, Rice, Oats, Cereals are processed broadly through Raw Material Storage , Milling Process, Recipe Mixing, Sorting & Screening Process to a fine or coarse powder form to be used in various applications.

The pneumatic conveying system of Silos Storage, Conveying, Batch Weighing, Recipe Mixing, Screening & Sorting solutions results in high efficiency & hygiene, which leads to minimal waste as each component of the produce can now be used in value added opportunities.



This provided a fantastic opportunity for local producers to increase both their domestic and global market sales, increasing the financial output of their plant. The greater advantage for the industry is to have Storage Silos with higher capacity to have vertical space arrangements thereby saving huge on raw material space at plant horizontally.



Big Bag Unloading



Silos & Storages



Batching & Blending

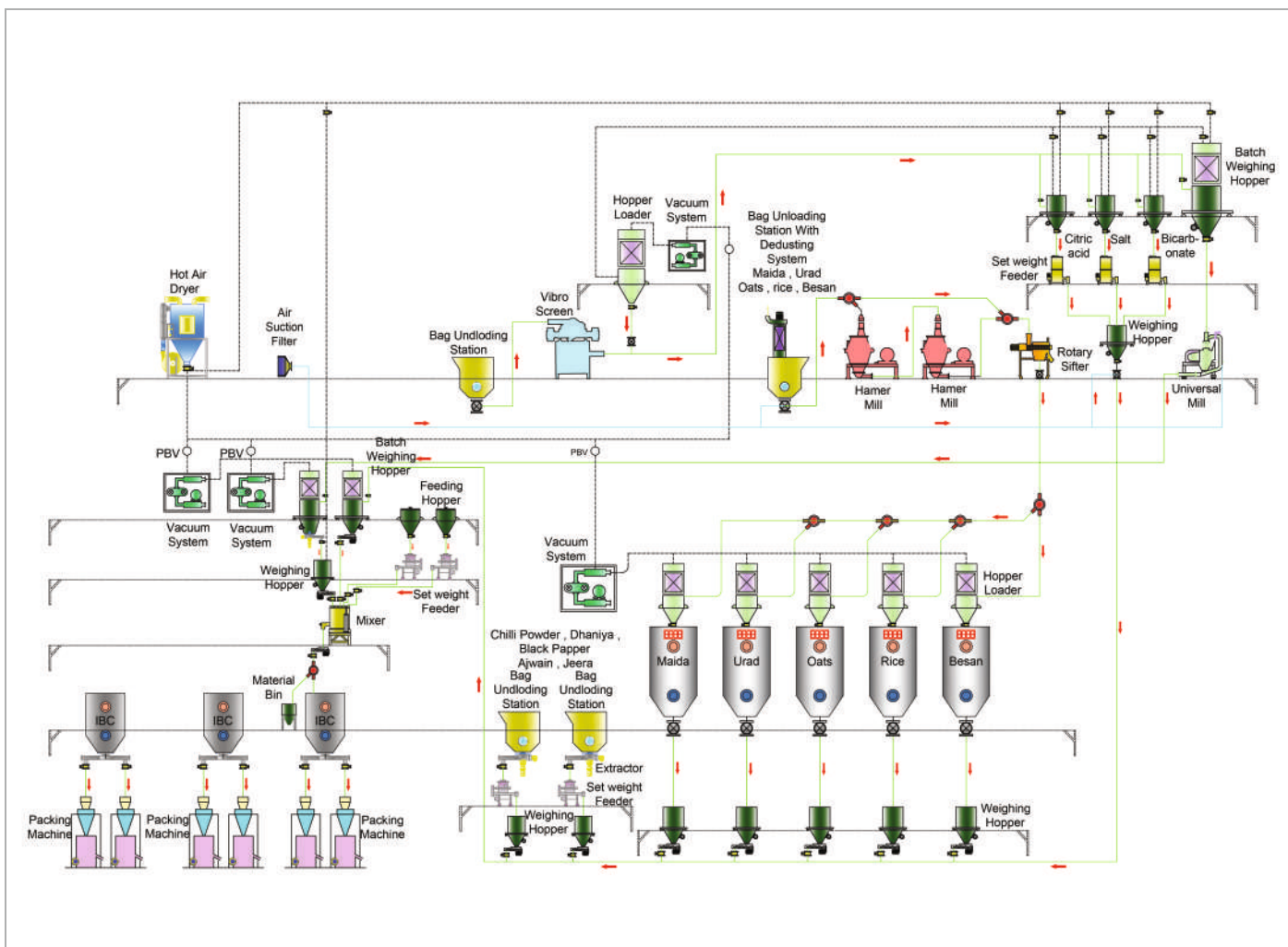


Conveying & Distribution

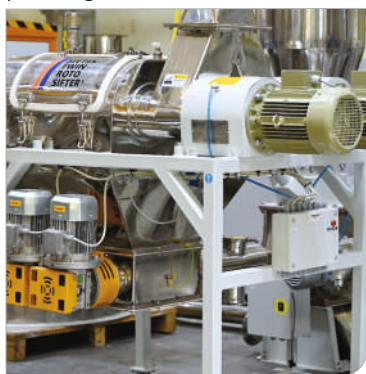
Instant Mix

Ready-To-Eat Food (Instant Mix) Food Industry is the largest growing sector grabbing an essential place as a Convenience Food across the world.

By application type, it comprises of snacks mix, dessert mix and curry mix.



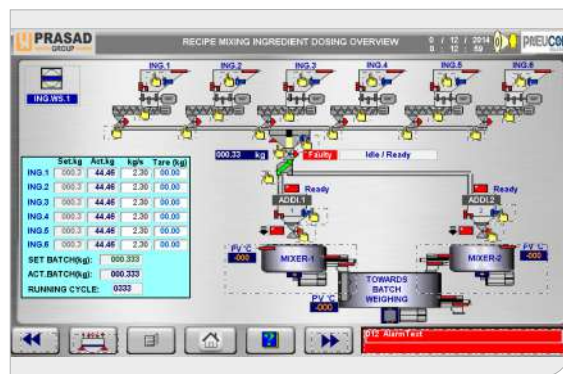
Prasad Pneucon's highly reliable material conveying system for Instant Mix leads to better sanitation, clean-ability, proper batch weighing, optimal blending & Storage. The key challenge to handle variety of products to be delivered to packaging line will give an ultra edge, where our Central Control & SCADA System provides minor documentation, printing, communication, alarms, logging, reporting, facilities.



Screening & Sorting



Recipe Mixing

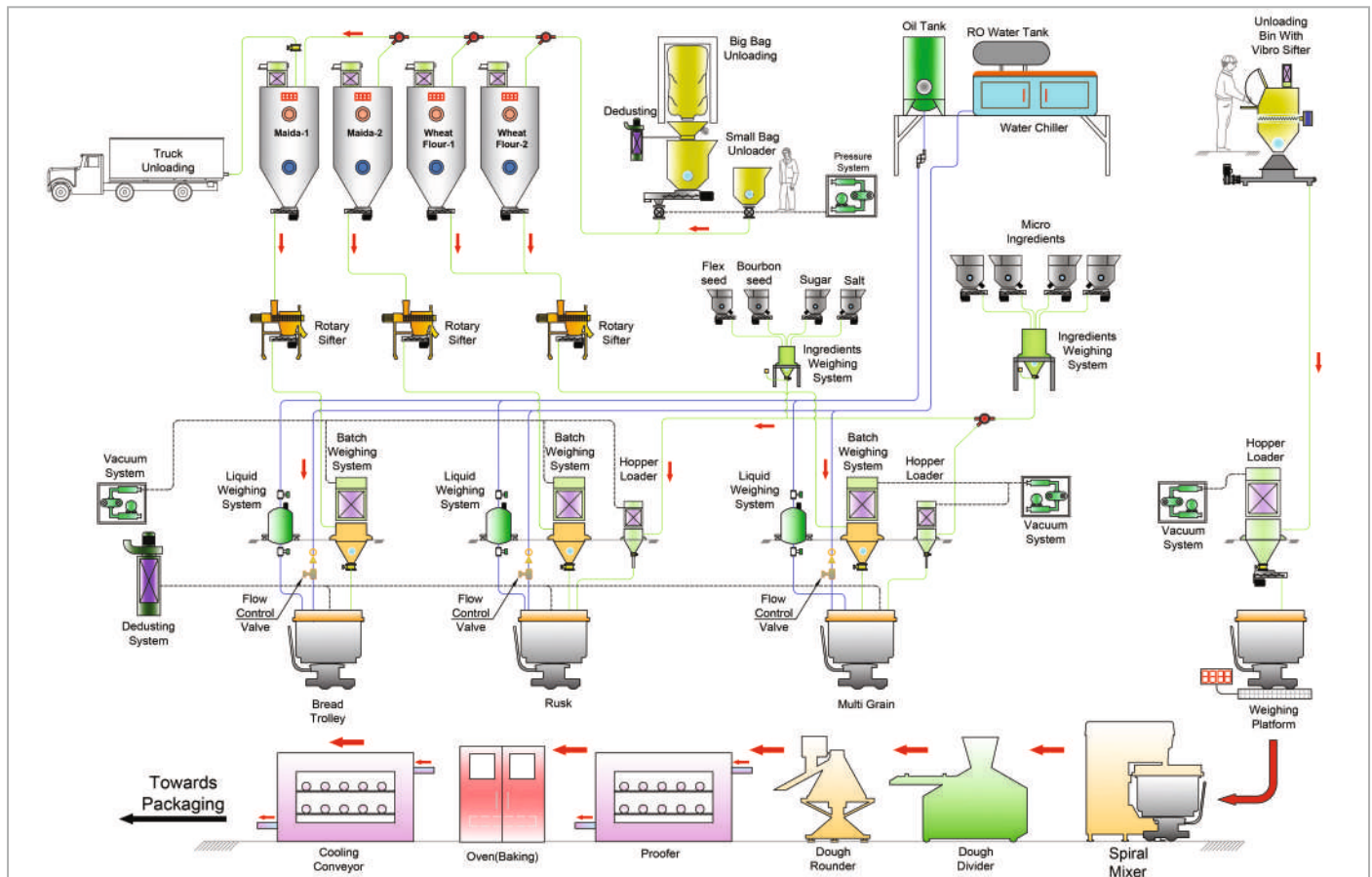


SCADA System

Bakery Industry

The choice of breads and use of baked foods have suddenly exploded with the fast changing lifestyle of the average Indian and this has made bakery products vitally indispensable at the breakfast table increasing the demand for varieties of bakery products.

With the rising industry trends, plants needs to be kept hygiene, creation of optimal blends, processing, mixing & storage are key parameters to final packaging.



In many cases, the transfer and weighing of these majors, minors, and micro ingredients to the blending can be a manual and labor intensive process. Solution to this is Prasad Pneucon's Conveying automation to the process, includes online Vibro screening, recipe mixing, batch weighing & conveying to storage with accurate blend.



Silo Feeding



Batch Weighing

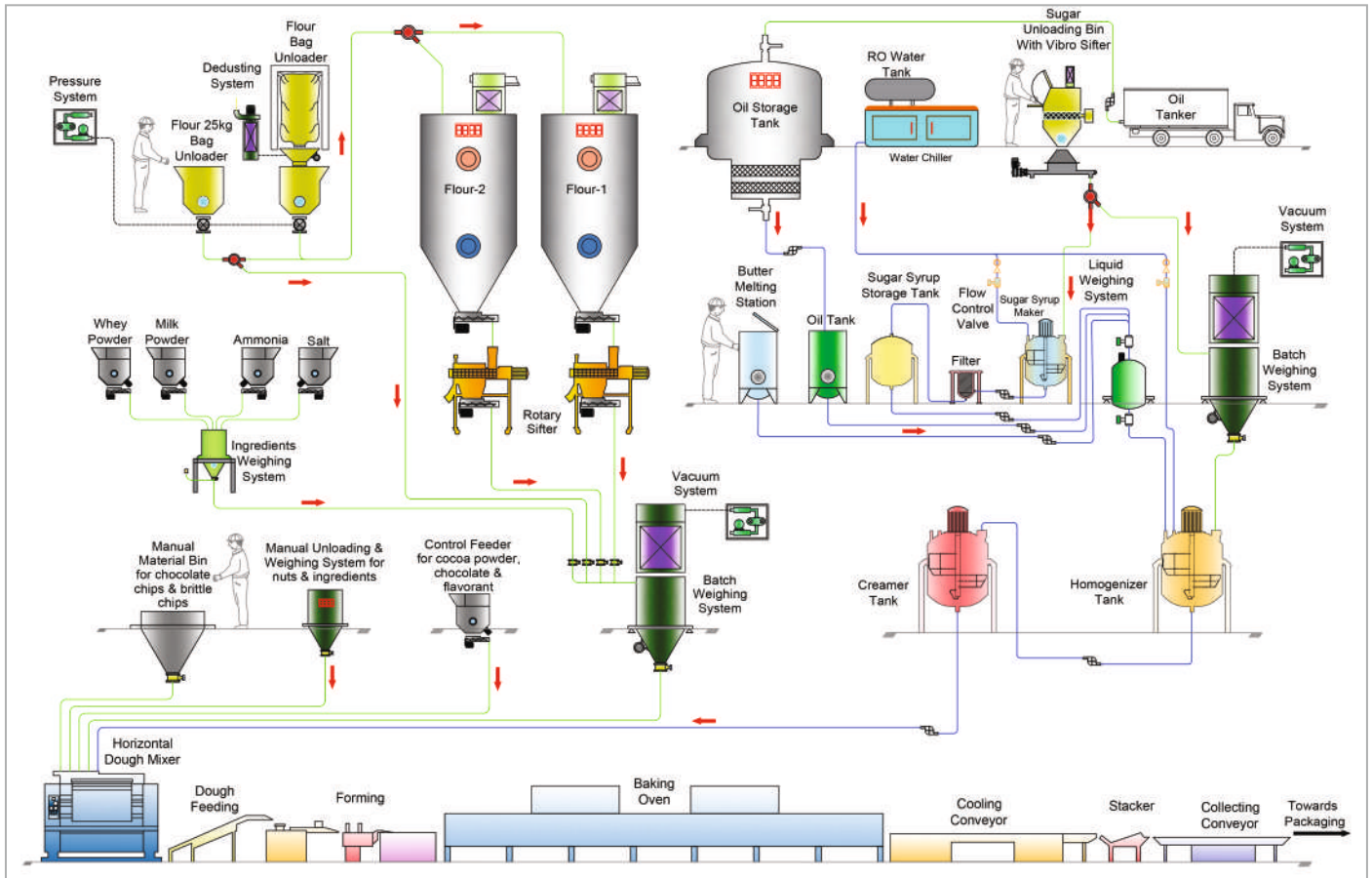


Vacuum Conveying System

Biscuits & Cookies

Biscuits and cookies are the largest segments in the bakery industry. Biscuits are ready to eat, convenient to use, and possess satisfactory nutritional quality. Increasing consumption of packaged and convenience foods, the availability of a variety of biscuits have provided a major boost to the industry with the rising industry trends plant needs to automate.

We offer a Complete solution for dosing, mixing and storage of multiple flours and sugars. A typical weighing and conveying system gives flexibility for online recipe change. Storage, distribution, dosing, homogenizer & pre-creamer solution for butter, oil, water etc. are integral part of such system & closed loop recipe control.



- Easy recipe changeovers • Elimination of manual intervention • Recipe secrecy • Automatic weighing of highest consumed ingredients • Stainless steel - SS 304/316 construction • Conveying rate - 150 to 15000 kg/hr
- Volumetric and gravimetric Liquid dosing



Unloading & Sifting



Vacuum Conveying System

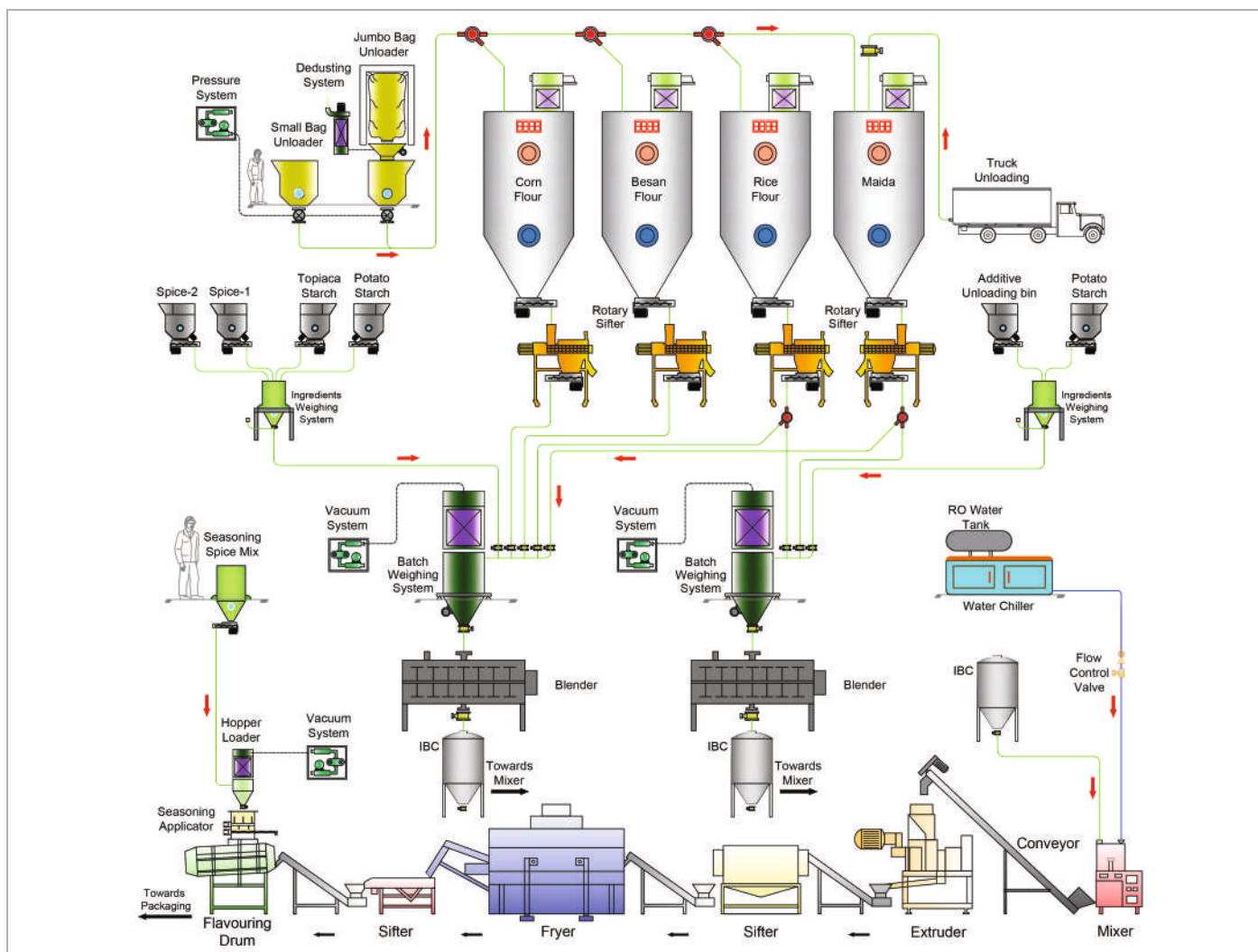


Batch Weighing

Snack Industry

Indian snack food is an inherent part of our life style. A wide range of snack food is available with different types of tests, size, shape and appearance of the product are very attractive. Indian snack food is getting popularity and acceptance world-wide so this is the right time to upgrade the manufacturing facilities.

Pneucón's highly reliable material handling system offers storage silos, a highly accurate weighing system, conveying and batching automation for a variety of flours. This leads to maximizing space, better sanitation, and consistency in recipe.



- Highly accurate batch weighing system • Ready for recipe changeovers • Elimination of manual intervention • Recipe secrecy • Stainless steel - SS 304/316 construction • Batching capacity – 150 Kg/batch to 5000 Kg/batch • No Spillages and Dusting



Bulk Bag Unloading



Flour Weighing

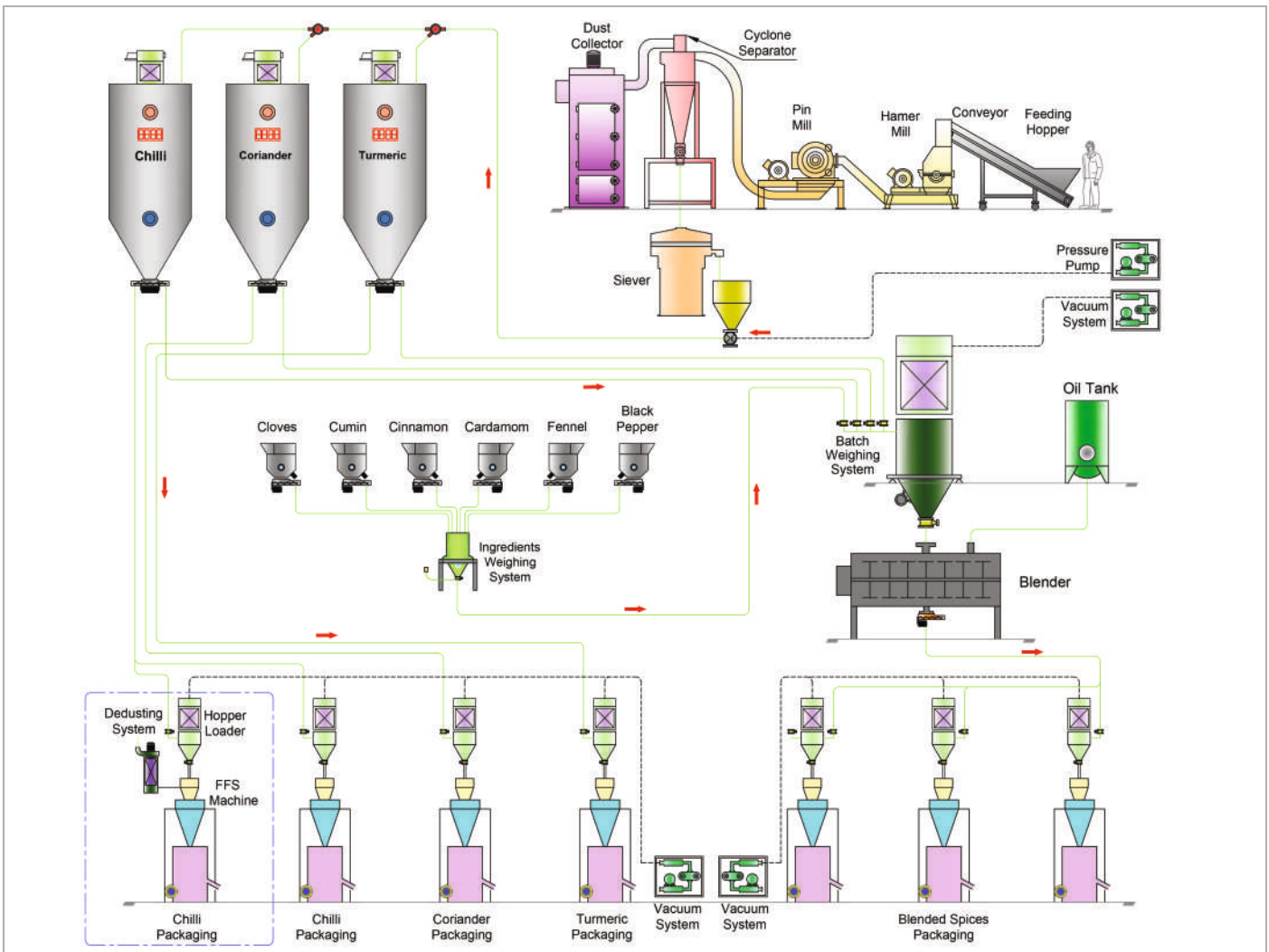


Ingredient Adding

Indian Spices

Indian Spice Industry is having a critical challenge to deliver an optimal blend of various Spices, Variety of Seasonings, Powdered Coffee, Drinking Mix. Prasad Pneucon's Pneumatic Conveying System provides efficient & key design solution to critical parameters of Spice Industry like Segregation & Cross Contamination.

Bulk Material Conveying Equipments such as Intermediate Bulk Containers, Feeding & Batch Weighing, Recipe Mixing, Screening & Sorting, Flexible Screw Conveyors provides highly integrated automated system to maintain optimized system with hassle free maintenance.



Prasad Pneucon's integrated convenient conveying systems delivers tailor made operations to Spice Industries. In the spice sector problems can arise from pesticide application, drying processes, storage/transportation, climate/weather conditions where Prasad Pneucon delivers its turnkey solutions to meet the food legislation, customer & consumer demands.



Silos & Storages



Conveying & Batching



Recipe Maker



Conveying

INFRASTRUCTURE

The lush green environment, insulated factory premises and work friendly atmosphere to support creation of world class products.



Spread across 72,000 m², the company is equipped with modern infrastructure.





You are welcome to visit India's largest and most sophisticated infrastructure to manufacture Material Handling System. All the employees are committed to high quality production, customer satisfaction and above all design innovation which leads to better system performance. Money saved is money earned. We say when **"Economy through Automation"**.



PNEUCON
AUTOMATION
Bulk Material Handling

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