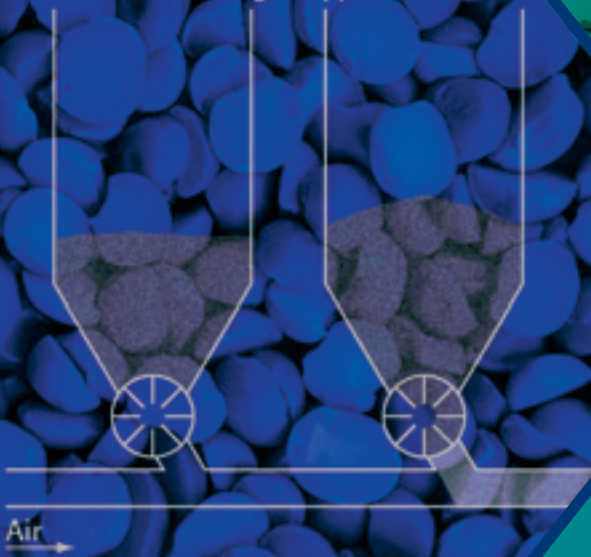


Storage hoppers



Filter

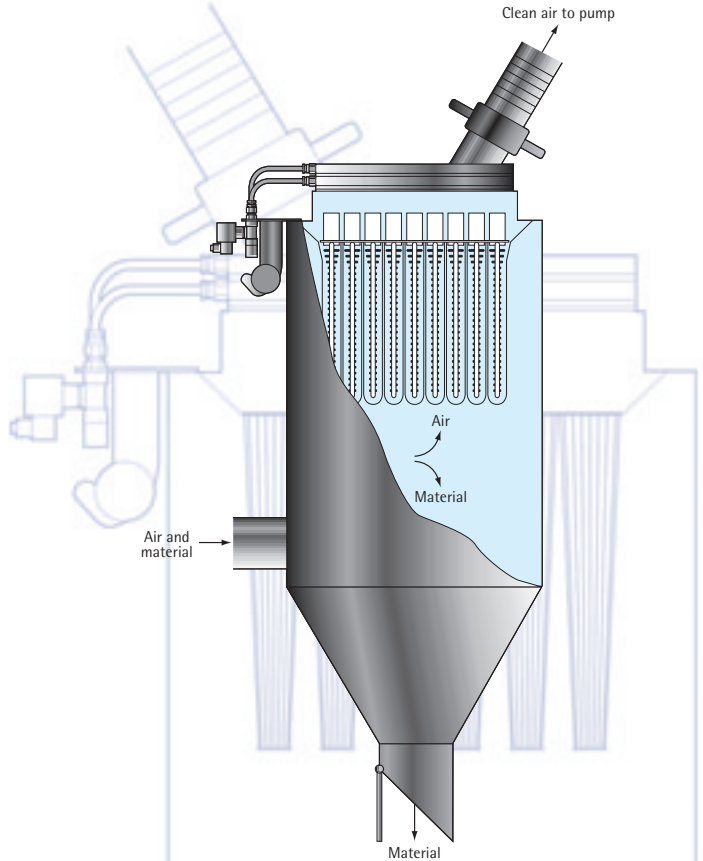
Air

Exhauster

Discharge hopper

Pneumatic Conveying

- Standard modules for small ingredients
- Purpose designed bulk systems



VACUUM CONVEYING UNITS

Rospen Industries conveying systems are based on industries needs for high integrity, dust tight transfer of solids on the client's plant. Based on simple modules, the Rospen Model 350 and Model 550 standard loaders provide transfer rates of hundreds of kilos per hour up to thousands of kilos per hour dependent on the conveying medium properties. Where larger transfer rates are required, bespoke receiving bins or silos are configured with filter systems, level control and discharge devices to suit the appropriate application. With entrainment expertise, pump specification and conveying line engineering, Rospen offer the complete package including full turn key supply installation and commissioning.

Vacuum Hopper Loaders

350 Hopper Loader

To transfer 200 to 1,000 kg/hour of materials up to 25-30 metres. Complete with integral Rospen shakedown bag filter or reverse jet bag or cartridge filters.

550 Hopper Loader

To transfer 1,000 to 4,000 kg/hour of materials up to 25-30 metres. Complete with integral Rospen shakedown bag filter or reverse jet bag or cartridge filters.

	Capacity per cycle	Diameter	Height	Height with Bag Filter	Height with Cartridge	Nominal Max. Output
350 Loader	25litres	350mm	852mm	1002mm	1352mm	1000kg/hr
550 Loader	50litres	550mm	1096mm	1246mm*	1596mm	4000kg/hr

*Add 150mm for long filter design

Features

- Rospen specially designed filter units as well as the best of the available cartridge materials.
- Flexible installation patterns for multiple pickup or multiple drop points in the conveying run.
- Elimination of material losses by vacuum pulling all potential emissions into the system not blowing them externally.
- Each system is custom designed to the client's material, rates and plant environment by a team of experts.
- Rospen design all elements of the system including electrical controls and interfaces with microprocessor based systems in-house. With our own service and installation team in Manchester and Stonehouse, we can provide a comprehensive care package to all of our customers.

ROSPEN LEADS THE WAY

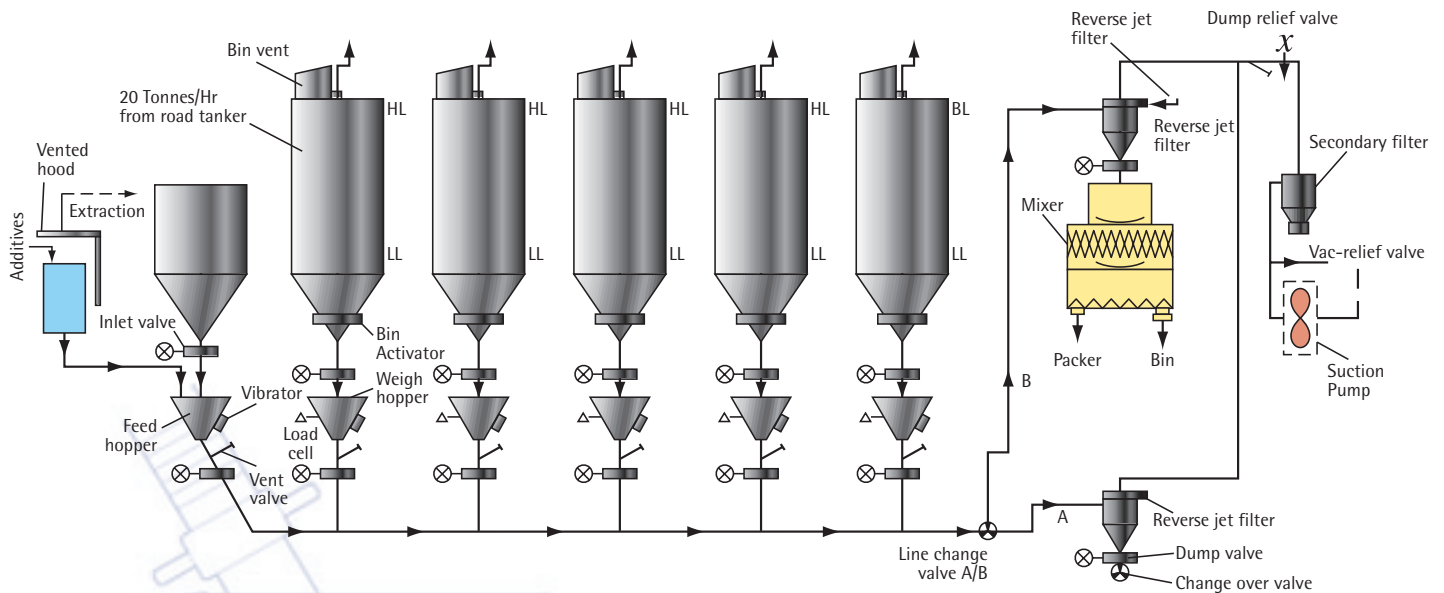
Rospen Industries is the UK's leading supplier of high integrity conveying, weighing and metering systems for powders, granules and liquids.

With over 20 years experience in design innovation, manufacturing, supply and installation, the expertise employed at Rospen is recognised world-wide throughout the food, pharmaceutical, plastics, chemical, minerals, power generation, water, agro-chemical and similar industries.

Our unrivalled experience in material conveying, weighing and handling enables us to offer a total solution. This includes everything from individual hopper loaders, the supply of complete microprocessor controlled batch weighing systems and complete production plants to end-user companies and equipment suppliers.

Call Rospen for all of your material conveying, metering, weighing, level control and flow control requirements.





Bulk product conveying, weighing and mixing system.

DESIGN

Highly qualified electrical and mechanical engineers employ computer aided draughting systems to configure Rospen equipment to meet exact customer requirements.

At Rospen, we provide the total solution taking responsibility for design, manufacture, delivery, installation and commissioning of the complete project including the supply of all associated equipment, supporting steelwork and services.

Manufacturing

Experienced fitters manufacture Rospen's extensive range of machines within our own modern production centre. The highest build quality is ensured within stringent control systems.

Modern manufacturing methods ensure machines are built to "right first time" principles and delivered on time.

Testing

All Rospen machines and production plants are fully configured and operationally tested prior to despatch ensuring trouble-free installation and start-up on site.

Customers are encouraged to run their materials through the machines in our testing laboratory. These machines, valued at more than £200,000, enable crucial analysis to be carried out prior to purchasing decisions.





ROSPEN BENEFITS

Rospen's unrivalled industry experience combines with advanced design and system versatility to provide a range of benefits:-

Hygiene – Whatever the application, from pharmaceutical or food to quarry use, our machines are designed with easy strip-down features for hygienic cleaning.

Maintenance – Design ingenuity enables quick and easy access for maintenance and low down time.

Precision – All systems are designed to perform with precision accuracy under all operating conditions.

Flexibility – Standard design features ensure complete flexibility within existing manufacturing processes and enable options for expansion at a later date.

Reliability – All our systems are built to ensure long term reliability, maximum up-time and lowest on-going operational costs.

Application experience demonstrates that the combined benefits of our systems can repay the initial capital outlay within months.