

System Solutions

SHINI BUSINESS IS THE MANAGEMENT, PREPARATION AND CONDITIONING OF PLASTICS RAW MATERIAL.



Shini is among the worldwide leaders for plastic auxiliary equipment in a complete solutions for granule handling and the management of various utilities.

Shini has progressively developed full range of products and systems, which designed to meet the needs of every customer. From large complex, centralized systems and by the press units.

To achieve this, we need three essential elements: Right people, Right products and Right solution.

We operate all over the globe, We are where you are.

To help our customer become more competitive by making them more efficient and greater profitability.

Strength:

Auxiliaries that can respond to any demand in the various application fields. (Injection, blow moulding and extrusions)

We offer solution engineered for specific application such as PET processing, optical media, medical and cable.

Whatever the market, you can rely on Shini.

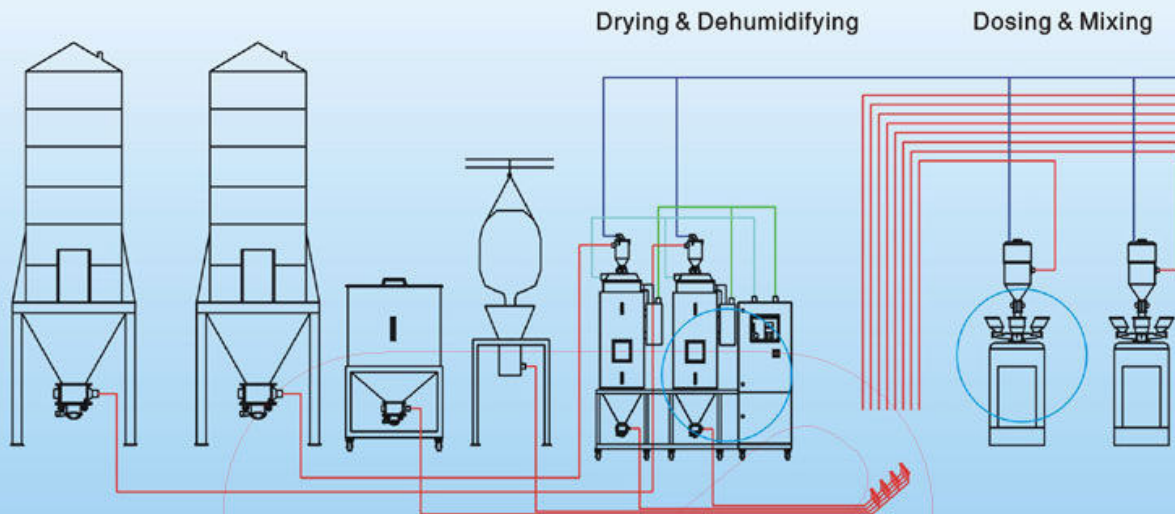
Our service ethic: Our systems expertise and our engineering skills.



Storage and Material Handling

- Shini design full range of solutions for handling material transport, either from silo, octabin-gaylords, big bag unloading station and storage bin.
- A large selection of vacuum pumps cover extensive application with respect to transport, distance and capacity.

CENTRALIZED SYSTEM SOLUTION HELPS TO MEET THE COST EFFICIENCY, AND TO IMPROVE THE PRODUCTION



Dehumidifying Dryers

- SHINI dehumidifying dryers deliver consistent, low cost drying even in high humidity environments.
- Central dryers are all equipped with close loop system, ensuring continuously low dew point
- Efficient and accurate material drying is a crucial element in the processing of high-grade engineering plastics to ensure impeccable product quality.



Hopper Dryers

- Designed for even heat distribution and diffuser to ensure adequate drying.
- Dry air down blowing and cyclonic exhaust design further enhance the efficiency of the operating process.
- All hoppers are made of stainless steel as standard, fully insulated and equipped with large cleaning doors and sight glass.
- Individual heat boosters, dry multiple materials at different drying temperatures.
- We offer wide range of hopper size with capacity from 20 to 8000litres.

Suction Boxes

- Precise metering of dried material into the vacuum stream is assured.
- It enables material to be conveyed to the processing machine after drying without any increase in moisture content.
- Dry air conveying and close loop conveying is available as an option.



Distribution Branches

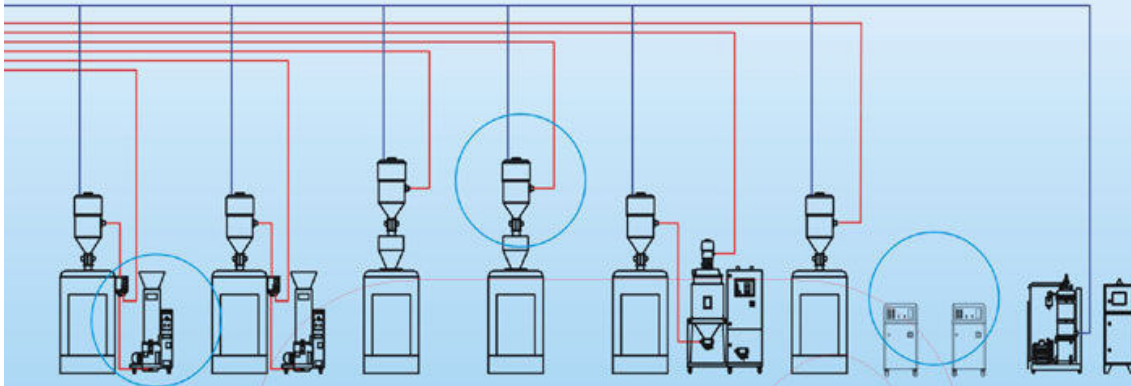
- Flexible design.
- Durable construction ensures long life.
- Quick release connector allows you to choose the best combination of line sizes, manifold and connectors to swift your application.
- It enables flexibility of supply to several material consumers.
- System allows quick and ease of material changes.

EVER GREATER DEMANDS FOR PRODUCT QUALITY, PROCESS.

Granulating & Recycling

Feeding & Conveying

Heating & Cooling



Machine Receivers

- Direct fitting to injection molding machine throat.
- An external photo sensor height adjustable.
- Logic integration of all functions and controls.
- Self-actuating material monitoring as well as built-in vacuum valve.
- Continuous feeding of material, no shortage of material at processing machine.



Hopper Receivers

- Hopper receivers for reliable and efficient material conveying.
- Built-in sensors guarantee that material is supplied exactly when needed, ensuring no production downtime.
- Self-actuating material monitoring as well as built-in vacuum valve.
- Continuous feeding of material, no shortage of material at processing machine.
- All receivers are centrally controlled.

Central Filters

- Large dust collector bin.
- Cleaning cycle uses accumulated compressed air to blast cartridge clean from the inside out.

Control Units

- Central Control Unit provides reliable conveying system monitoring and control in one panel.
- A LCD display screen prompts you through programming each receiver performance characteristics.
- Designed to operate, manage and supervise every stage of raw material handling process.
- The standard control display set point and actual as well as alarm messages to help diagnose problems.
- Use of commercial Siemens PLC controls and readily available system assure the industry's reliability.



IT IS POSSIBLE TO HAVE ONE SOLUTION FOR ALL MARKETS IN OUR INDUSTRY.



CD Applications

- To ensure complete filtration of dehumidified air, all drying units include an HEPA (High Efficiency Particulate Air) filter on the process air circuit.
- This special HEPA filter continuously withstands temperatures as high as 150°C whilst offering a filtration efficiency of 99.99%.
- All drying hoppers are made of polished stainless steel. Transportation of granules by using hot air in a closed loop circuit.

To remain competitive and profitable, processors must automate to optimise the value of their service and quality of their product.



PET Applications

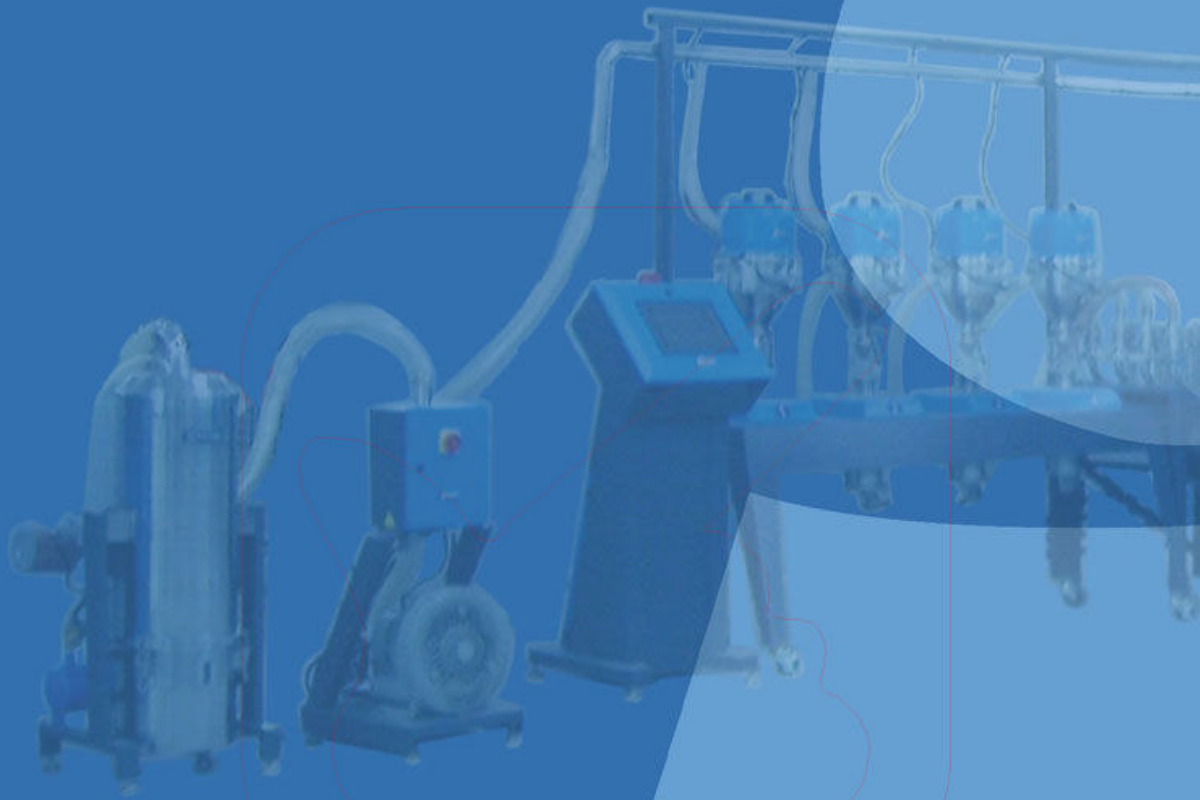
WE ARE HERE TO PROVIDE A SOLUTION TO YOUR MATERIAL HANDLING PROBLEMS AND CONTRIBUTE TO THE EFFICIENCY OF YOUR OPERATION.

- Shini equipment is developed to satisfy all specific requirements of these processes including final installation and integration.
- With a specific know-how of the PET process, Shini also offers solutions and development of complete systems for this type of application.

Benefits:

- Simultaneous drying of different materials.
- Low energy consumption and uniform drying.
- Low space requirement on factory floor.
- Easy mobility providing flexibility of use.
- High productivity and consistent product quality.
- Faster and more efficient material loading.
- Elimination of material contamination.
- Low competitive price and quick delivery.
- Easy to use operator controls with display.
- Flexibility and versatility with controls tailored to the individual installation.
- CE certification.
- Reliable and efficient.
- Safe to operate.
- Low maintenance.
- User friendly, easy to operate.
- Easily expandable.
- Easy to clean for material changes.
- Negligible material loss.
- For all sizes of processing machine.
- Future developments are easily installed or retrofitted at low cost.

www.shini.com



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