

Plastics Auxiliary Equipment & System Solutions



Systematic Conveying Solutions

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



SHINI is among the world leaders for plastic auxiliary equipment in 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 more profitability.



Strength:

Anxiliaries 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 your market, you can rely on SHINI.

Our Service Ethic:

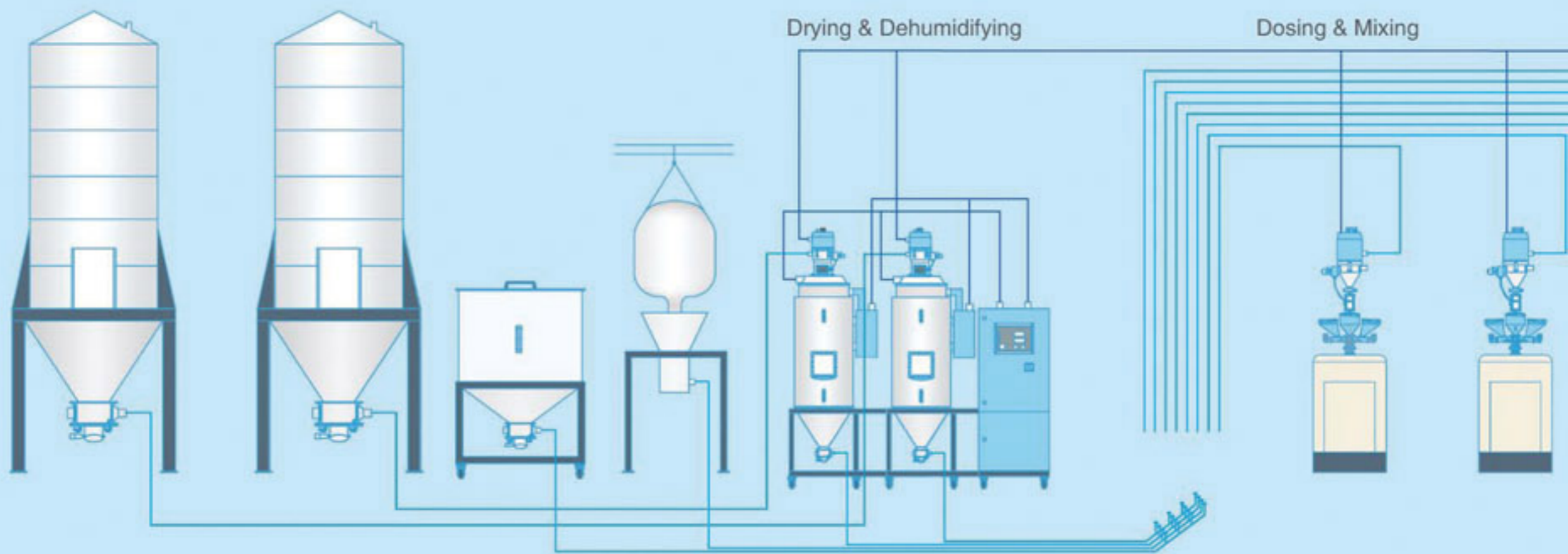
Our systems expertise and our engineering skills.

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.





Systematic Conveying Solutions HELP to meet the ever greater demands for pro



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 suit your application.
- It enables flexibility of supply to several material consumers.
- System allows quick and ease of material changes.



Dehumidifying Dryers

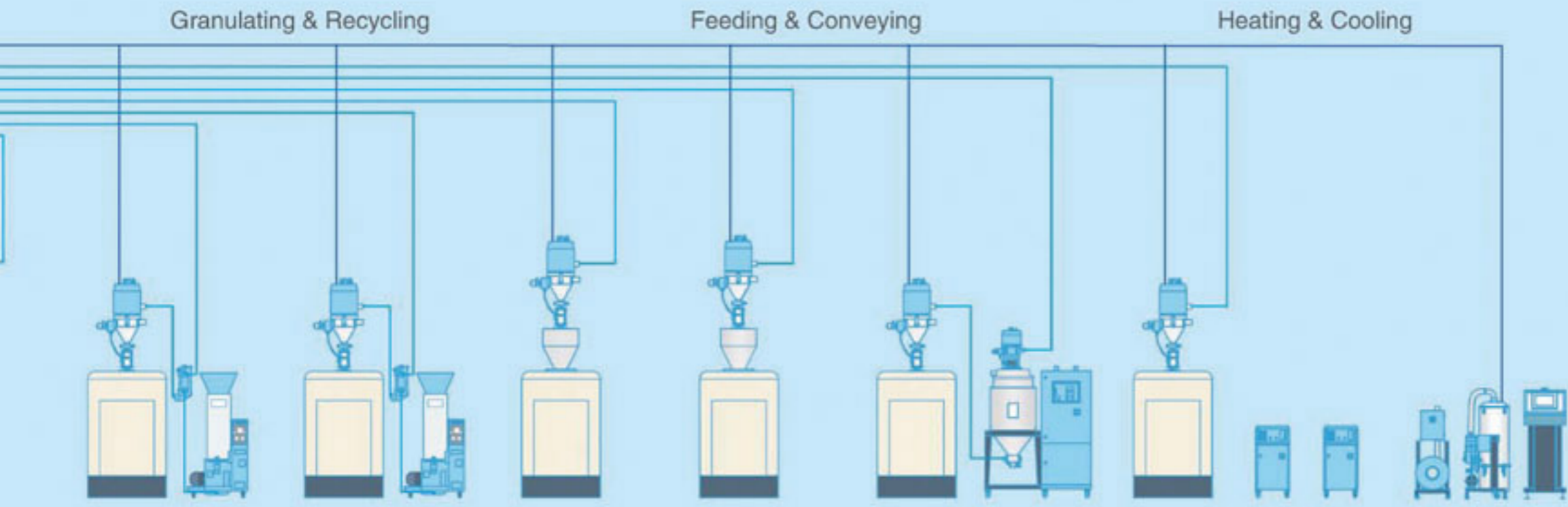
- SHINI dehumidifying dryers deliver consistent, low-cost drying even in high humidity environments.
- Central dryers are all equipped with close loop system, ensuring continuously low dew point.
- Efficient and accurate material drying is a crucial element in the processing of high-grade engineering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

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 closed loop conveying is available as an option.

Hopper Dryers

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



product quality, cost efficiency, AND to improve the production process.

Machine Receivers

- Direct fitting to injection moulding 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 assures the industry's reliability.



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



CD Applications

To assure a complete filtration of the dehumidified air, all drying units include the HEPA filter (High Efficiency Particulate Air) filter on the process air circuit.

This special HEPA filter continuously withstands temperatures as high as 150°C, while assuring a filtration efficiency 99.99%.

All drying hoppers are made of stainless steel with mirror polished surface. Transport of granules are using hot dry air in a closed loop circuit.



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



PET Applications

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

SHINI equipments are developed to satisfy all specific requirements of these processes, final installation of the piece and integration.

With a specific know-how of the PET process, SHINI also offers solution 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, more efficient material loading.
- Elimination of material contamination.
- Low competitive price and quick delivery.
- User-friendly operator interface with LCD display.
- Flexibility, versatility, controls tailored to the individual installation.
- CE Certification.
- Reliable and efficiency.
- Operational safety.
- Low maintenance.
- Easily expandable.
- Easy to clean for material changes.
- Negligible material loss.
- For all sizes of processing machine.
- Future development easily installed or retrofitted at low cost.



SHINI PLASTICS TECHNOLOGIES, INC.

Headquarters & Taipei Factory:
Shini Plastics Technologies, Inc.
Minhe St., Shulin City, Taipei, Taiwan
Tel: (886) 2 2680 9119
Fax: (886) 2 2680 9229
Email: taipei@shini.com

Corporate Strategic Center:
Corporate Product & Marketing Center
Dalang, Dongguan, Guangdong, China
Tel: (86) 769 8111 6 00
Fax: (86) 769 8111 6611
Email: shini@shini.com

South China Factory:
Shini Plastics Technologies (Dongguan), Inc.
Dalang, Dongguan, Guangdong, China
Tel: (86) 769 8331 3588
Fax: (86) 769 8331 3589
Email: dongguan@shini.com

East China Factory:
Shini Plastics Technologies (Ningbo), Inc.
Daxie Development District, Ningbo, China
Tel: (86) 574 8671 9088
Fax: (86) 574 8676 5988
Email: ningbo@shini.com

www.shini.com