Sterling's
FINISHED PARTS TRANSFER SYSTEMS

- Designed to convey finished parts to packaging, assembly or work station – up to 1000' or more
- Energy-efficient, compact design saves energy and floor space
- Custom-engineered to your application
- Designed to maintain part integrity – parts will not be nicked, marred, or blemished

Finished Parts Transfer Systems are ideal for:

- Bottles
- Bottle Closures
- Buttons
- Cups - plastic, paper, or foam
- Key Caps
- Pen Components
- Plastic Components - various shapes and sizes
- …and many other injection- or blow-molded parts

POSITIVE PRESSURE

CONVEYING DISTANCE UP TO 300’

Our Positive-Pressure Finished Parts Transfer System is a unique, innovative system designed to convey finished parts to any location in your plant—packaging, inspection, or assembly station.

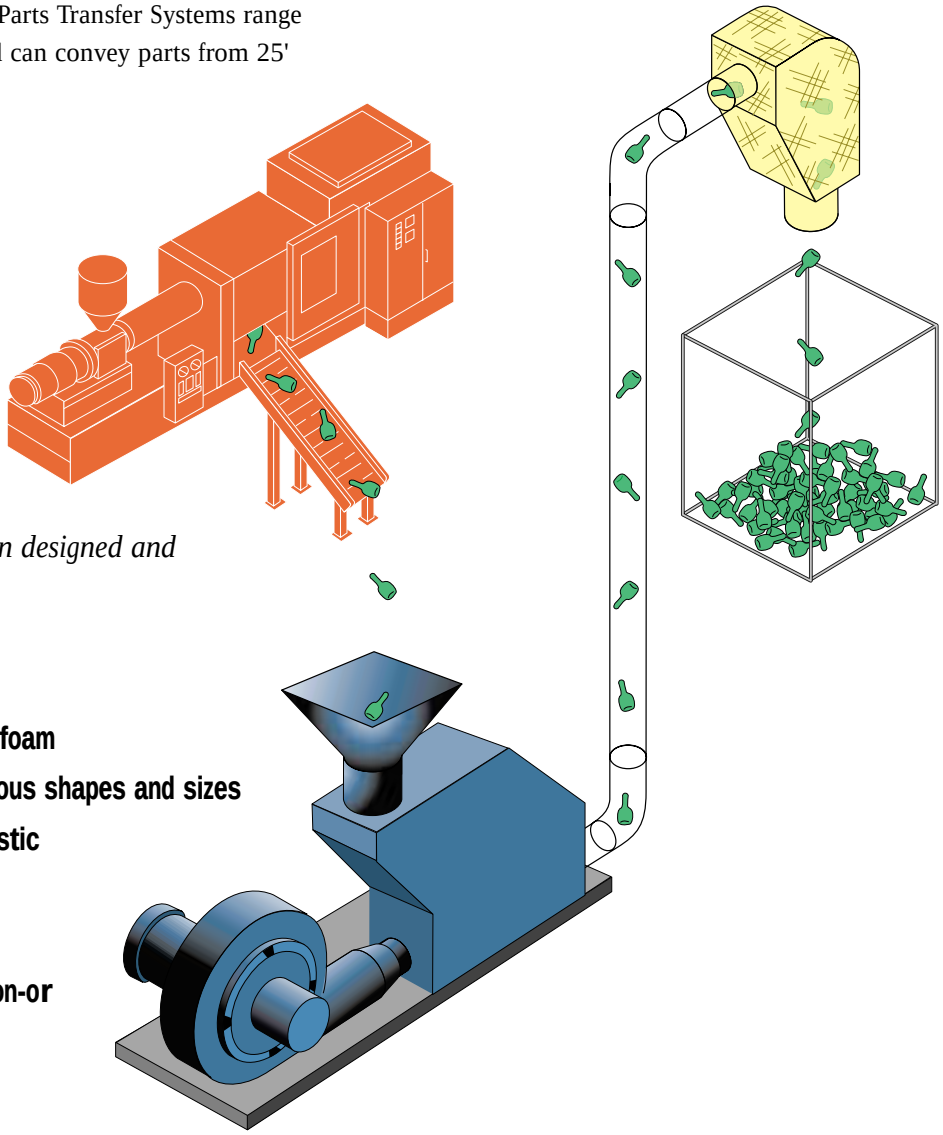
The low profile design of the finished parts venturi saves valuable floor space. The system uses a butyrate venturi with an elbow feed chute to decrease impact and to keep the parts from hitting each other during entry. Its design is intended to maintain part integrity when a product cannot be nicked, marred, or damaged.

The parts are transported through an airstream with an adjustable velocity through clear butyrate tubing and discharged into a special nylon relief sock. The result is a complete Finished Parts Transfer System to pneumatically convey your parts intact to their destination.

Positive-Pressure Finished Parts Transfer Systems range from 3" to 12" OD tubing and can convey parts from 25' to 300'.

FEATURES AND BENEFITS

- **Low profile design** — occupies minimal amount of floor space.
- **Part integrity** — system design prevents damage to finished parts.
- **Flexibility** — easy adjustment of airflow to control velocity of airstream and parts.
- **Reliability** — Sterling guarantees the performance of its systems.
- **Custom engineering** — each system is specifically designed for the customer's application.



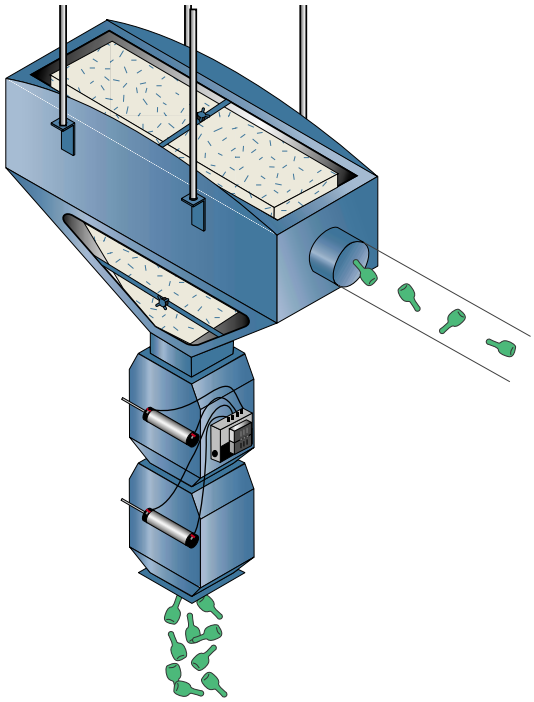
Complete systems have been designed and manufactured to handle:

- **Bottles**
- **Bottle Caps**
- **Cups - plastic, paper, and foam**
- **Plastic components - various shapes and sizes**
- **Stampings - metal and plastic**
- **Tabs and tails**
- **Runners**
- **...and many other injection-or blow-molded parts.**

Sterling also provides similar systems designed to convey pellets or scrap parts where part integrity is not required. Systems can be custom designed to fit your particular application, including multiple pick-up points and various configurations.

CONVEYING DISTANCE UP TO 1000'

NEGATIVE PRESSURE



Our Negative-Pressure Finished Parts Transfer System brings a new innovation to parts conveying technology. Designed for conveying distances of 200' up to 1000' or more, these systems deliver the same quality and performance associated with Sterling's other product lines.

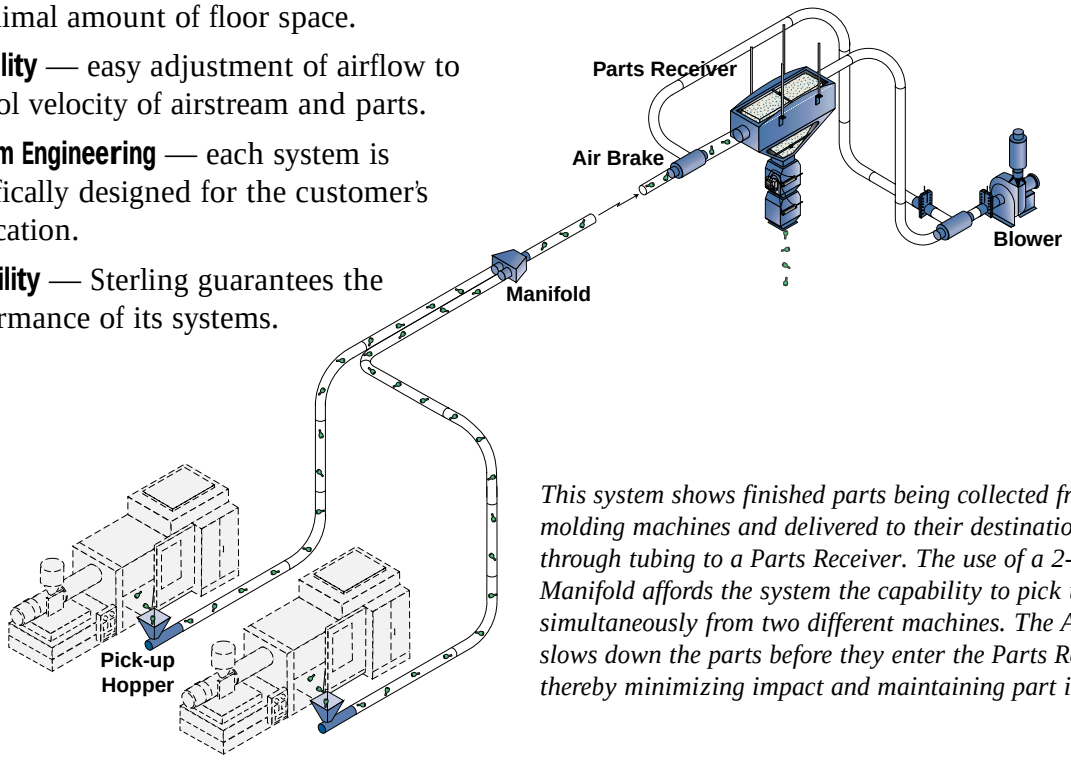
Parts are collected from a molding machine or other station into a pick-up hopper and delivered through an adjustable airstream to our Parts Receiver, located at the discharge point. The low-profile Pick-up Hopper is designed and manufactured to fit the customer's application. The Parts Receiver, which discharges the parts at their final location, is usually suspended from the ceiling, saving valuable floor space. The Air Brake, situated just before the Parts Receiver, affords exceptional control of the airstream to protect the finished parts from damage.

While other systems require a blower placed at intervals along the conveying line, a single Blower provides the air required for operation of our system. This offers many distinct advantages: noise levels, maintenance, energy consumption, and overall operational costs are all reduced to a minimum. In addition, the blower can be located remotely, saving valuable floor space at the discharge point.

The innovative design of the Parts Receiver can accommodate tubing sizes from 4" to 12" OD. All components of these systems are designed to maintain part integrity, ensuring that parts will not be nicked, marred, or otherwise damaged.

FEATURES AND BENEFITS

- **Part Integrity** — system design prevents damage to finished parts.
- **Longer Conveying Distances** — conveys parts up to 1000' or more.
- **Efficient** — a single blower provides the air required for the entire system.
- **Low profile design** — components occupy a minimal amount of floor space.
- **Flexibility** — easy adjustment of airflow to control velocity of airstream and parts.
- **Custom Engineering** — each system is specifically designed for the customer's application.
- **Reliability** — Sterling guarantees the performance of its systems.



This system shows finished parts being collected from molding machines and delivered to their destination through tubing to a Parts Receiver. The use of a 2-Way Manifold affords the system the capability to pick up parts simultaneously from two different machines. The Air Brake slows down the parts before they enter the Parts Receiver, thereby minimizing impact and maintaining part integrity.

STERLING SYSTEMS

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