



**AIR *SYSTEMS***

GRAIN CONVEYORS

PNEUMATIC  
**CONVEYING**



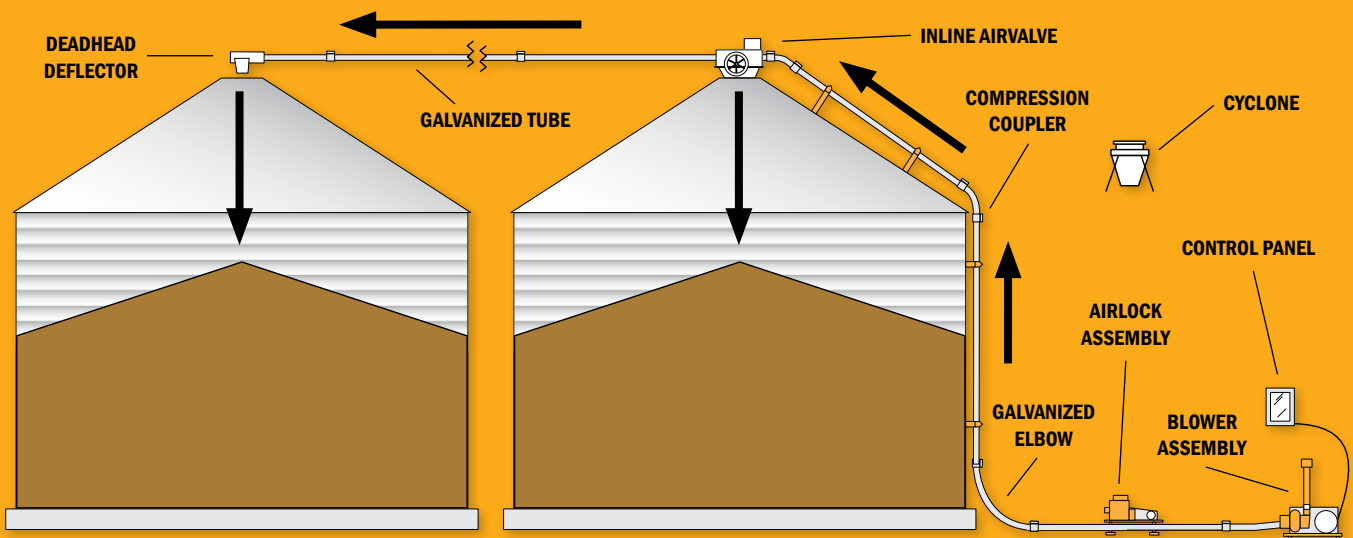
Take control.

## EFFICIENT GRAIN HANDLING THAT GROWS WITH YOU

GSI Air Systems offer a simple, reliable way to move grain using pneumatic conveying. Designed to minimize grain damage and maximize efficiency, these systems transport grain using a cushion of air. With three models and a wide range of capacities, GSI Air Systems adapt to your current setup and can expand as your operation grows. Built tough with cast iron rotary airlocks, positive displacement blowers, and thermally protected motors, this is a solution you can count on season after season.



The blower sends air through the air lock assembly where grain is fed into the system. The Air System then transfers grain through galvanized tubing on a cushion of air, minimizing grain damage.



## THE RIGHT CONTROL FOR YOUR OPERATION

**Manual Control Center** - Simple and reliable, the manual control includes blower and rotary airlock power buttons, a blower motor amp meter, and an adjustable time-delay switch to clear the system before shut-down.

**VFD Control Center** - For added automation, the variable frequency drive (VFD) control center includes all the features of the manual version plus smart control that automatically adjusts blower speed to maintain constant pressure and air velocity. A user-friendly interface provides access to system pressure, motor amperage, diagnostics, error logs, and calibration. Manual mode is available as needed.

Both options are offered in 230, 460, and 575 volt models for single or three-phase applications and can be integrated GSI dryer controls. The UL and UL-C listed panels are certified for use in the U.S. and Canada.



### BLOWER

The Gardner Denver HeliFlow blower is a helical tri-lobe blower that provides consistent positive displacement pressure to the system. Spherical roller bearings, solid helical tri-lobe rotors, and improved seals make a more rugged blower with lower operating cost through greater efficiency, quieter operation, and superior durability.



### ROTARY AIR LOCK

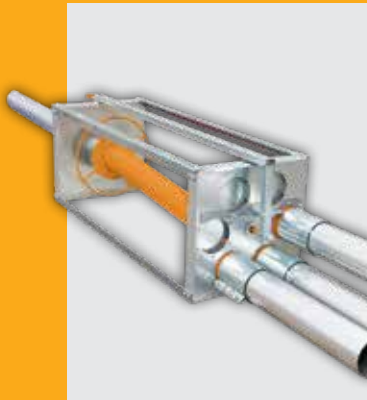
Feeds grain into the system by locking pressurized air in the system, avoiding air loss which can reduce capacity. The heavy cast iron air lock features a built-in shear protector to prevent grain damage. An optional rotary air lock feed auger is available with or without a hopper inlet and standalone drive.



### INLINE AIR VALVE

Simplifies your operation without compromising functionality. A single tube can run to multiple bins in a series. The inline air valve (Patent US 8784013) also allows you to switch bins without shutting down the air system. Key components are corrosion-resistant stainless steel and aluminum. An optional inlet hopper may be added to load a bin with a transport auger.

GSI’s complete line of accessories and tubing are a cost-effective way to expand your system and are easy to install.



CA-SELECT™ VALVE



CYCLONE



DEADHEAD DEFLECTOR



PRE-CLEANER

## SPECIFICATIONS

Effective length is determined by adding the horizontal length to twice the vertical height plus 10 feet for each elbow greater than 45 degrees. Calculate the effective length of inclined systems by adding the horizontal run to twice the vertical rise of the incline.

### CAPACITIES FOR 4", 5", AND 6" SYSTEMS

| EFFECTIVE LENGTH (FT.) | TRANS-FER™ 700<br>4" SYSTEM |       |       | TRANS-FER™ 1700<br>5" SYSTEM |       |       | TRANS-FER™ 2100<br>6" SYSTEM |       |       |       |
|------------------------|-----------------------------|-------|-------|------------------------------|-------|-------|------------------------------|-------|-------|-------|
|                        | 10 HP                       | 15 HP | 20 HP | 20 HP                        | 30 HP | 40 HP | 40 HP                        | 50 HP | 60 HP | 75 HP |
| 50                     | 525                         | 800   | 850   | 1200                         | 1600  | 1800  | 1900                         | 2200  | 2350  | 2500  |
| 100                    | 500                         | 775   | 825   | 1175                         | 1575  | 1775  | 1875                         | 2175  | 2325  | 2475  |
| 150                    | 475                         | 750   | 800   | 1150                         | 1550  | 1750  | 1850                         | 2150  | 2300  | 2450  |
| 200                    | 450                         | 700   | 750   | 1100                         | 1500  | 1700  | 1800                         | 2100  | 2250  | 2400  |
| 250                    | 400                         | 650   | 700   | 1025                         | 1400  | 1600  | 1700                         | 2000  | 2150  | 2300  |
| 300                    | 350                         | 575   | 625   | 925                          | 1275  | 1450  | 1550                         | 1850  | 2000  | 2150  |
| 350                    | 245                         | 475   | 525   | 800                          | 1100  | 1275  | 1375                         | 1675  | 1825  | 1975  |
| 400                    | 200                         | 350   | 400   | 650                          | 900   | 1050  | 1150                         | 1450  | 1600  | 1750  |
| 450                    |                             |       | 225   | 450                          | 650   | 775   | 875                          | 1175  | 1325  | 1475  |
| 500                    |                             |       |       |                              |       | 400   | 500                          | 800   | 950   | 1100  |

Capacities for grains other than dry corn will be less. Consult your GSI dealer for rates.

Visit [grainsystems.com](https://grainsystems.com) for product specs and info



Contact your GSI Dealer for more information.

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