



PNEUMATIC CONVEYING SYSTEMS



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BROCK SUPER-AIR® PNEUMATIC SYSTEMS With Easy Dryer Interface

Brock's Positive Pressure SUPER-AIR® Pneumatic Grain System Can Assist You in:

- Moving grain from the dryer to multiple bins with the use of one power source.
- Making conveying turns or corners without the use of additional auger systems.
- Adding a simplified conveying system to new or existing grain handling systems.

Unlike other pneumatic grain conveyors, Brock's SUPER-AIR Blower and Airlock Packages arrive at your site fully assembled, factory-tested and ready to install.

Blower Package includes: TEFC motor, drives, controls, filter/silencer and choice of either a Sutorbilt® or DuroFlow® blower.*

*Sutorbilt and DuroFlow are not owned or licensed by CTB and are the sole property of their respective owners.



Remote Control Enclosure offers mounting flexibility for convenient location of operator controls for the pneumatic conveying system. The weather-resistant enclosure includes control switches, pressure gauge, amp meter, and high-pressure limit switch.



Control Assembly is mounted and wired as a part of the Blower Package and includes control enclosure with motor contactors and overloads.



Airlock Package includes a rotary airlock and a TEFC motor and drive mounted and assembled on a heavy-duty, galvanized steel airlock base. The drive features a high efficiency in-line gearbox to deliver more torque to the airlock.



SUPER-AIR[®] GRAIN CYCLONES PNEUMATIC SYSTEMS

Offers High Grain Moving Capacity with Gentle Grain Handling Ability

- Brock's Grain Cyclone offers the ability for high-capacity grain handling with the use of 4-, 5-, and 6-inch (102-, 127-, and 152-mm) diameter air systems and an appropriate adapter.
- Provides gentler handling of grain than conventional "deadhead" collector units.
- Cyclone unit efficiently separates grain and air at the bin entry point with the grain dropping smoothly into the bin while the air is vented outside the bin.
- Cyclone comes equipped with replaceable urethane liner to limit wear in the cyclone unit.
- Manufactured from heavy-gauge steel with powder-coated paint for long-life durability.
- Easy to install and service.



Blower Package comes mounted and assembled on a heavy-duty, galvanized steel blower base.

Brock SUPER-AIR[®] Pneumatic Conveying Systems

System Size	Capacity (Bushels per Hour)*							
	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP	60 HP
4-in./102-mm	500	700	750					
5-in./127-mm		900	1050	1200	1400	1600		
6-in./152-mm						1800	2100	2250

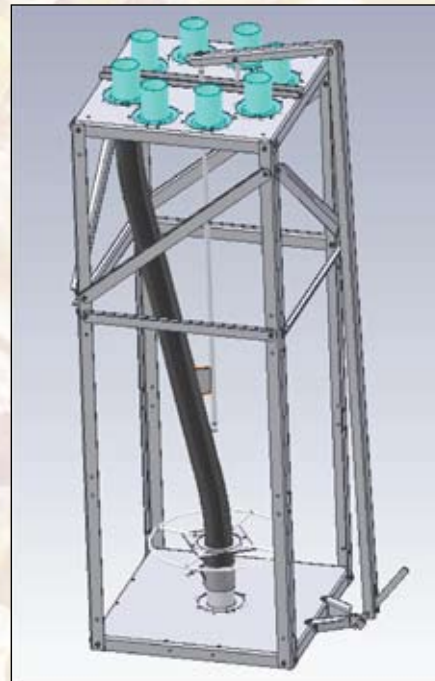
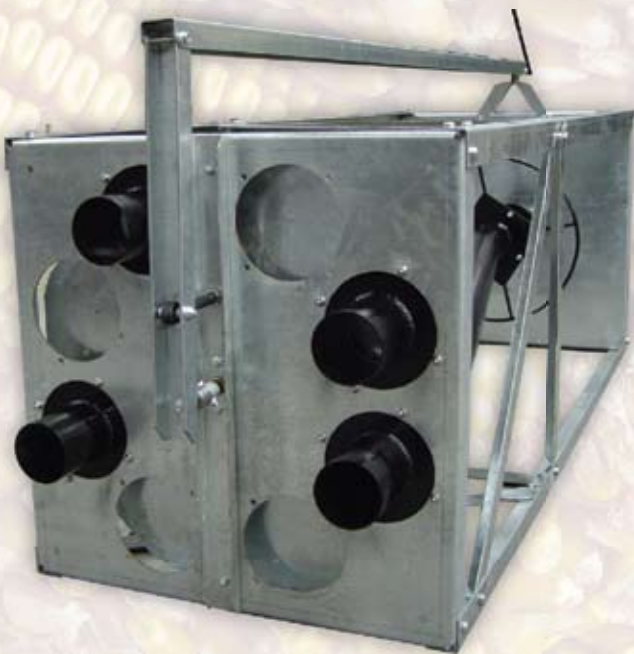
*Capacities are based on dry #2 yellow shelled corn at effective lengths of 200 feet (60 m) or less and standard air densities. Capacities may be reduced with other crops, higher moistures, longer conveying lengths and lower air densities (higher ambient temperature or elevation above sea level).

SUPER-AIR[®] GRAIN DISTRIBUTOR PNEUMATIC SYSTEMS

Brock's Grain Distributor Unit for its SUPER-AIR[®] Pneumatic Conveying System provides multiple outlets to make it convenient to use one power source for moving grain to multiple storage bins. This grain distributor offers producers a flexible option for expanding their Brock SUPER-AIR Pneumatic Conveying System in more complex bin layouts.

Features Include:

- You can choose 4-, 5-, or 6-inch (102-, 127- or 152-mm) diameter outlets for pneumatic conveyor lines.
- Two outlets are included with each grain distributor. Additional outlets can be added – up to a total of eight outlets per distributor.
- SUPER-AIR[®] System handles a diversity of grain types.
- The heavy gauge offset inner spout quickly and easily re-routes grain to conveyor line outlets.
- The inner spout is tapered to self-center easily and lock in place with conveyor line outlet.
- Distributor is factory-assembled and easy to install.
- This unit's galvanized steel construction offers durability and low maintenance.



How Brock's Grain Distributor Works:

- Distributor handle is used to manually disengage the inner spout from the conveyor line outlet. This allows the spout to be moved to another outlet.
- A hand wheel is used to turn the inner spout to the desired conveyor line outlet.
- The operator then uses the distributor handle to engage and lock the self-centering inner spout in place on the desired conveyor line outlet.
- Brock's SUPER-AIR[®] System is now ready to pneumatically convey grain to another bin or location in the storage complex.



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