cyclonaire Nobody Moves It Like Cyclonaire Your materials and handling solutions should meet your materials and handling needs. Let's talk. **Custom Pneumatic Solutions** for Cementitious Products Ask for a cementitious product specialist. (800) 445-0730 | cyclonaire.com cyclonaire.com

Stay one step ahead with our innovative systems.

We won't provide a status quo solution to your material handling needs. Or take the "it's good enough" approach. We don't believe that yesterday's answers address today's unique challenges in cement production. Rather, we constantly bring forward new and better ways of handling and mixing materials, such as our CB Series conveyor. This highly specialized innovation combines loading, blending and discharge functions into one high efficiency unit, eliminating multiple pieces of equipment. Deliver a higher quality finished product and save time, labor and material with Cyclonaire.



Cyclonaire has been a leading provider of pneumatic conveying systems for more than 50 years. We'll design, manufacture and install a system around your unique materials and application needs. Let's get to work.

We move more than materials. We move margins.

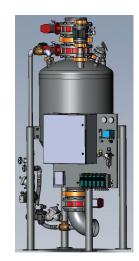
You measure success in tons and loads. With Cyclonaire solutions, you can measure your success in greater productivity and economy. Our customized, field-proven systems and components don't just get the job done; they get it done while boosting efficiency and performance. The following page lists just a few of the many advantages you'll experience with Cyclonaire.

SOLUTION	BENEFITS
CycloLift™ Connectors	 Improves railcar unloading times Reduces repositioning Aligns firmly with railcar hopper slide gates to maintain tight, leak-resistant seals
Blower Packages	 Powers both vacuum-loading and pressure-conveying applications Choose belt-drive/jack-shaft or direct-drive models
VibraPad™ Discharge Aerators	 Induces steady product flow with a combination of vibration and aeration Increases the discharge speed of non-free flowing materials Eliminates bridging or packing in hoppers and silos
Turbo-Inductors	 Reduces the time required to unload materials from pneumatic delivery vehicles Conveys material over greater distances
CB Series BlendVeyor	 Combines blending, weight batching and conveying in one semi-dense phase unit Blends/batches products from multiple sources to multiple destinations
Park and Place Equipment	Factory-tested and -assembled
24/7 Tech Support	Delivers immediate response to problems



Stay one step ahead with our innovative systems.

We won't provide a status quo solution to your material handling needs. Or take the "it's good enough" approach. We don't believe that yesterday's answers address today's unique challenges in the minerals industry. Rather, we constantly bring forward new and stronger ways of handling and mixing materials specifically for tough environments, such as mining, construction and fracking. Our systems are robust and abrasion-resistant, making them more reliable and economically feasible than conventional systems. Deliver a higher quality finished product and save time, labor and material with Cyclonaire.



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We move more than materials. We move margins.

You measure success in tons and loads. With Cyclonaire solutions, you can measure your success in greater productivity and less downtime. Our customized, field-proven systems and components don't just get the job done; they get it done while boosting efficiency and performance. Here are just a few of the many advantages you'll experience with Cyclonaire:

SOLUTION

BENEFITS

Custom Designed Pneumatic Systems

- · Conveys materials over long distances
- · Increases flexibility with more routing options
- · Minimizes damage from abrasive materials
- · Integrates simply and easily into virtually any process

Closed System & Simple Design

- Prevents spillage/waste and protects materials, environment and people
- Eliminates costly part replacement and breakdowns

DPG-B Dense Phase Gravity Loaded Conveyor

- · Handles highly abrasive and friable materials
- Conveys materials by clean, dry compressed air to prolong equipment life
- · Reduces material degradation
- · Reduces wear and components
- · Flexible configuration for multiple products

HC Semi-Dense Conveyor

- Vacuum-loaded technology eliminates the need for extra blowers and hopper
- · Eliminates the need for costly, messy, unsafe pit
- · Unloads hopper bottom railcars
- · Integrates into multiple sources (silos and batches)
- · Conveys fluidizable abrasive materials
- · Operates at high conveyance rates

24/7 Tech Support

· Delivers immediate response to problems



Stay one step ahead with our innovative systems.

We won't provide a status quo solution to your material handling needs. Or take the "it's good enough" approach. We don't believe that yesterday's answers address today's unique challenges in the railroad industry. Rather, we constantly bring forward new and better sanding systems and strategies for railyards of all sizes. Our innovative pneumatic solutions, such as the Sand-A-Long™ unit and the SandMaster,™ have become industry standards that promote safety, efficiency and flexibility. Deliver a higher quality finished product and save time, labor and material with Cyclonaire.



SandMaster

Cyclonaire has been a leading provider of pneumatic conveying systems for more than 50 years. We'll design, manufacture and install a system around your unique materials and application needs. Let's get to work.

We move more than materials. We move margins.

You measure success in units sanded safely. With Cyclonaire solutions, you can measure your success in greater productivity and economy. Our customized, field-proven systems and components don't just get the job done; they get it done while boosting efficiency and performance. Here are just a few of the many advantages you'll experience with Cyclonaire:

SOLUTION	BENEFITS
SandMaster [™]	 Storage capacity sufficient to hold a full transport load (approx. 31 tons) Reduce locomotive movement
	 Safe, reliable sand distribution to your locomotive power Eliminates the need for old, antiquated gravity sand tower distribution system
Sand-A-Long™	Dispenses sand to locomotive, versus locomotive to sanding facility
	Saves on manpower and associated expenses
	 Incorporates its own power and compressed air source eliminating the need for power from the locomotive or tow vehicle
QuickSander [™]	Safe pneumatic sanding through distribution on service platform
Compact Dense	Ideal for close quarters where space is at a premium
Phase Conveyors	Can be provided with single or multiple sand wands for simultaneous sanding
Site-Specific Designs	Multiple locomotive(s) sanding, in conjunction with servicing locomotive with fuel, oil and other commodities
24/7 Tech Support	Delivers immediate response to problems