

# AIR CANNONS



 **martin**<sup>®</sup>  
engineering

# MAXIMIZE PRODUCTION



Maximize productivity and efficiency by keeping material flowing. Martin® Air Cannons prevent buildups and obstructions by releasing controlled yet powerful bursts of air without risking damage to equipment. In addition to enhancing material flow, air cannons increase safety and maintenance planning as they eliminate the need for workers to manually intervene with blockages, disrupting the production process.



Cement Plant  
Conditioning Tower



Transfer Point  
Ambient Temperature

# CUSTOMIZE YOUR COMPONENTS

We provide a variety of cannon sizes, models, and configurations that can be customized to meet your exact needs. We take any parameters your operation might have into consideration and work with those to give you the flexibility to set up air cannons where and how you need them. Whether the simplicity of a single cannon or the complexity of a multi-cannon system, we will work with you to achieve desired results.

## AIR CANNONS

Maximum discharge strength with half the air volume, resulting in highly effective discharge and reduced operating costs. The innovative design allows for simple, one-step maintenance and safer operation.

## NOZZLES

No confined space needed as everything is performed from the outside. Our variety of nozzles deliver blast patterns to ensure optimal performance.

# MODULAR DESIGN

Incorporating an innovative and customer-driven modular design, our air cannons are operational in just minutes of installation and maintenance is quick and easy. Most maintenance tasks take less than 15 minutes and are two-tool processes.

## SIX PACK PROGRAM

Keep a “6 pack” of factory-refurbished air cannon replacement valves on your shelf so you have them when you need them. 6 packs come in a pallet-sized container for you to refill with worn-out valves and send back to us to be refilled with refurbished valves and returned to you. Valves are guaranteed against defects and carry the full factory warranty.

# MAINTENANCE IN MINUTES



Pre-Heat Tower





# MONITOR AND DIAGNOSE

With our intuitive technology, you can remotely monitor the performance of your cannon(s). With continuous monitoring, you are immediately notified in the event of a failure so you can quickly react. The system will indicate what type of investigation/repair is needed.



# NO POWER? NO PROBLEM.

## MARTIN® ROLL GEN SYSTEM

Placement of air cannons in areas with no power is not a problem anymore. Utilizing a self-contained power station eliminates power production obstacles. Using kinetic energy from a moving conveyor belt, enough power is generated to fire an air cannon.

\*Plant Air Required



# BUILT WITH PRIDE IN THE USA

## MARTIN ENGINEERING USA

One Martin Place

Neponset, IL 61345-9766 USA

800-544-2947 or 309-852-2384

info@martin-eng.com

martin-eng.com



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