

MARTIN[®] Dust Fighter[™] Fog Dust Suppression System



The [MARTIN[®] Dust Fighter[™] Fog Dust Suppression System](#) is custom designed to fit your application and performance specifications. MARTIN[®] Dust Fighter[™] Fog Dust Suppression Systems minimize dust in almost any bulk material handling operation. Martin Engineering is focused on controlling dust and making your system cleaner, safer, and more productive.

Systems Approach

Martin Engineering's experienced engineers start by reviewing the entire conveyor system to identify the root cause of dust creation. This "Systems Approach" ensures that real problems are addressed and realistic performance expectations are agreed upon.

Application-Specific Wetting Methods

The Dust Fighter[™] Fog Dust Suppression System applies water in the form of fog, spray, or both. The actual details of the water application are determined by the needs of the customer and the specific environment.

Pinpoint Application of Water

The Dust Fighter[™] Fog Dust Suppression System applies a combination of sprayed water and fog to suppress dust. By strategically placing water into the material using spray nozzles, the material is dampened, eliminating the creation of dust. In addition to wetting the material, the area around the material is covered in a fog, capturing any airborne dust.



Phase 1: Site Survey

The first step in solving a dust problem is to identify the root cause of dust. Martin Engineering Specialists will visit your plant and complete a site survey. Customers can also fill out their own site survey at http://www.martin-eng.com/webfm_send/343.

Phase 2: Proposal

The next step is the detailed-engineering and firm-bid phase. Martin Engineering will design your dust suppression system to meet your specifications.

Phase 3: Installation

Martin Engineering will design, fabricate, and install your dust suppression system to achieve performance requirements. Martin Engineering also offers supervision of the Dust Fighter[™] Fog Dust Suppression System installation.

Single Source, Guaranteed Results

Martin Engineering is the only single source provider of dust suppression products, engineering, and field services. All MARTIN[®] Products installed by Martin Engineering Specialists are covered by our *Absolutely, Positively, No Excuses* Guarantee.

TECHNICAL DATA SHEET

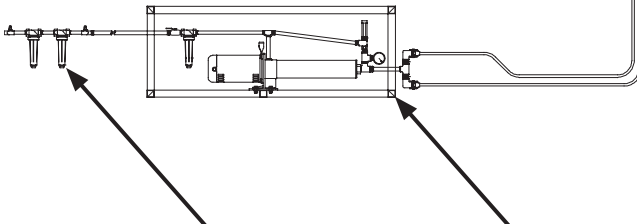
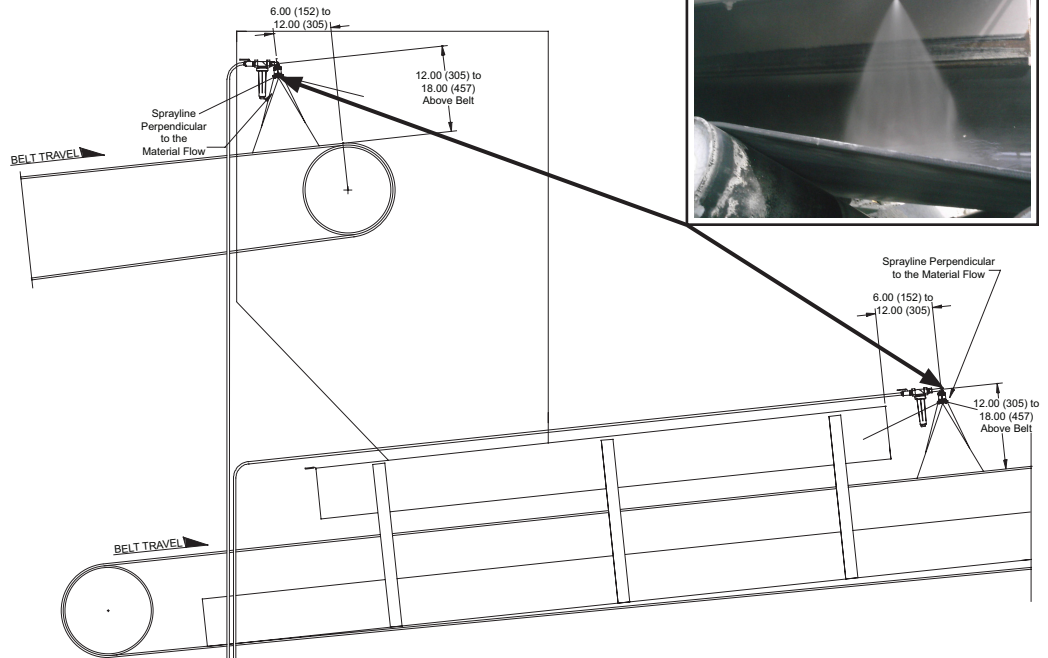
Control Panel:

Enclosure Type Nema 4
Fiberglass/Carbon Steel
Standard or Variable Drive
Standard or Explosion Proof



Spray Nozzles:

Bars or Rings
Spray and/or Fog Nozzles



Filter Pack:

2 or 6 Filters
Carbon Steel or Stainless Steel Frame
Booster Pump



Pump Frame:

Open or Enclosed Frame
Carbon Steel or Stainless Steel Frame



Optional Items:

- Air Purge without Compressor
- Air Purge with Compressor
- Wheel Sensor
- Ultra Sonic Sensor
- Spare Part Tool Kit



Martin Engineering USA
One Martin Place
Neponset, IL 61345-9766 USA
800 544 2947 or 309 852 2384
Fax 800 814 1553
www.martin-eng.com

Subject to change without prior notice.
Quality Management System Certified by DNV - ISO 9001

QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
== ISO 9001:2008 ==

Problem Solved™

Form No. L3788-10/11
© Martin Engineering Company 2011