

## Dust Suppress Usage

You have a site which has a dust problem.  
What are your options?

### Negative Pressure & Dust Extraction

- Expensive to install. High running cost. High maintenance.
- Cannot accommodate all the dust producing areas associated with tipping, loading, crushing, screening, trommels & conveyors.
- Dust constantly drawn through the building towards the extractors which are normally mounted high to avoid machinery, so operatives have a constant stream of dust going past them.

### Misting Lines in the Roof

- Poor distribution. As the mist slows down, the droplets join together causing wetting directly under the misting line.

### Reciprocating Rotary Atomisers

- Expensive per fan unit. Limited to covering just a small localised area.
- Poor atomisation creates wet floors and stock.
- Limited applications. Can only be operated with a fan.
- High speed rotors increase wear rate & life expectancy.

### Sprinkler System

- Fine for roadways and open yards, but wets everything inside a building, causing vehicles to slide, increases the slime everywhere.

**mist-air Systems**

- Kills airborne dust as it forms, where it's formed, suppressing dust before it can get blown around the building.
- Fog is distributed evenly throughout the building separating the fog particles as they form which prevents wetting.
- Different delivery systems are used dependant on the application. i.e. the conveyor entrance to picking sheds, outside trommels, hidden misting nozzles in wood and stone crushing hoppers both indoors and outdoors.
- Immediate emergency fitting service available
- Low purchase and installation cost
- Low running costs
- Average maintenance time each year - 30 minutes
- Manufactured from stainless steel, so long life
- Low maintenance

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