



**SHREE JI GLOBAL IMPEX**

## **Anti-Smog Gun**



**The Anti-Smog Gun, also known as a Dust Suppression Mist Cannon, is a high-pressure water spraying machine designed to control airborne dust, construction dust, demolition dust, road dust, and particulate matter. It converts water into fine droplets and projects the mist over a large area, helping suppress dust at construction sites, demolition zones, stone crushers, mining areas, road projects, material yards, and waste-processing facilities.**



## Technical Specifications

| Specification       | Typical Details                              |
|---------------------|----------------------------------------------|
| Machine Type        | Anti-Smog Gun / Dust Suppression Mist Cannon |
| Application         | Dust & Particulate Suppression               |
| Water Tank          | 1,000 L                                      |
| Spraying Range      | Approx. 30 m                                 |
| Spray Angle         | Adjustable                                   |
| Horizontal Rotation | Approx. 0–360°                               |
| Vertical Elevation  | Approx. -10° to +40° / +50°                  |
| Water Pump          | High-Pressure Centrifugal Pump               |
| Fan Motor           | Electric / Diesel configuration available    |
| Fan Power           | Approx. 2–4 Hp ( <i>model dependent</i> )    |
| Pump Power          | Approx. 1.5–2 Hp ( <i>model dependent</i> )  |
| Control System      | Electric Control Panel / Remote Control      |
| Nozzle System       | Fine Mist Spray Nozzles                      |
| Mounting            | Trolley                                      |
| Water Source        | Tank                                         |

\*Specifications may vary slightly depending on the manufacturer and platform configuration.

### Advantages

**Effective Dust Control** - Fine water droplets capture and settle airborne dust particles, helping improve visibility and working conditions.

**Large Coverage Area** - The long-range mist projection allows one machine to cover a substantial area, depending on the selected configuration.

**Adjustable Spray Direction** - The cannon can be rotated and vertically adjusted to direct mist toward the dust-generating area.

**Mobile Operation** - Trailer-mounted and vehicle-mounted versions can be relocated easily between different work zones.

**Reduced Manual Labour** - Remote and automatic controls can reduce the need for continuous manual operation.



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## Key Features

- High-efficiency fine mist water spray for dust suppression.
- Long-range water mist projection.
- Adjustable horizontal rotation and vertical elevation.
- High-pressure pump for continuous water supply.
- Multiple fine-mist nozzles for effective atomization.
- Electric or diesel-powered configurations.
- Remote-control operation available.
- Suitable for stationary or mobile applications.
- Robust construction for demanding outdoor environments.
- Helps reduce airborne dust around active work areas.

## Applications

- Construction sites
- Demolition sites
- Road construction
- Mining operations
- Stone crushing plants
- Quarry sites
- Cement plants
- Coal yards
- Material storage yards
- Waste processing facilities
- Municipal dust control
- Landfill sites
- Brick and aggregate yards
- Industrial areas



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# Thank you

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