

# Mobile Disinfection and Dust Suppression System

This mobile system is designed for both disinfection and dust suppression. It effectively controls airborne particles and improves environmental air quality.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Mobile Disinfection & Dust Suppression

The TMD-M10 is a versatile mobile system designed for large-scale environmental protection, offering a powerful 100m spray range. It integrates advanced misting technology to effectively suppress dust and distribute disinfection agents across construction sites, mining areas, and urban spaces. With a robust IP55 rating and remote control capabilities, it ensures reliable performance and operator safety in demanding industrial environments.

## Performance Metrics

### Key Performance Metrics

**100 m**

Spray Range

**9.5 m<sup>3</sup>/h**

Water Consumption

**90 pcs**

Nozzle Quantity

## Technical Specifications

Model	TMD-M10
Total Power	39 kw
Fan Power	30 kw
Water Pump Power	7.5 kw
Pump Pressure	1.5-2Mpa

## Operation & Control

Control System	Remote Controller, Touch Panel
Turning Degree	±180°
Pitching Degree	Up: 55° / Down: -10°

## Physical Characteristics

Dimensions (L*W*H)	2435 * 1155 * 2360 mm
Weight (Electric)	1370 kg
Mist Particle Diameter	20-150µm

## Environmental Protection

IP Grade	IP55
Noise Level	82dB at 7.5m
Usage Temperature	0-50 (Optional heater for -30-50 )

## Power Supply

### Power Supply

- AC Power
- 3-Phase
- 375V-415V
- 50HZ