

AIR BOSS[®] M2500M

Mobile Air Cleaner



Features/Benefits

- Complete self-contained unit includes 10 ft. arm with parabolic hood, blower and filters for “plug and go” operation
- Minihelic[®] gauge kit to indicate when filter requires cleaning
- Direct-drive forward curved blower provides filter life and greater reliability; no belts or pulleys to replace
- Removable panel allows easy access to filters
- Primary filters provide up to 99.97% filtration efficiency on 0.3 micron dust particles
- Compact design easily fits through a standard doorway
- Medium efficiency 4” deep pleated MERV 8 pre-filter

Filter Options

- MERV 14
- MERV 16
- HEPA 99.97%

Overview

The AIR BOSS[®] M2500M Mobile Air Cleaner helps to eliminate smoke, dust, powders and other dry process pollutants before they adversely affect indoor air quality and worker productivity.

The M2500M is adaptable, efficient and easy to maintain. Its many advantages can help:

- Meet OSHA air quality standards
- Avoid health and safety hazards that cause workers to experience respiratory ailments
- Reduce make-up air requirements by cleaning and recirculating the air
- Cut maintenance costs by eliminating smoke and dust before particles can settle on equipment and work surfaces cabinets.

Engineered for Clean Air

The M2500M Mobile Air Cleaner incorporates the latest technological advances in filtration design and is ideal for applications in which:

- Large pick-up hoods are impractical
- Dust and smoke-producing machinery are used intermittently
- An employee works at multiple stations

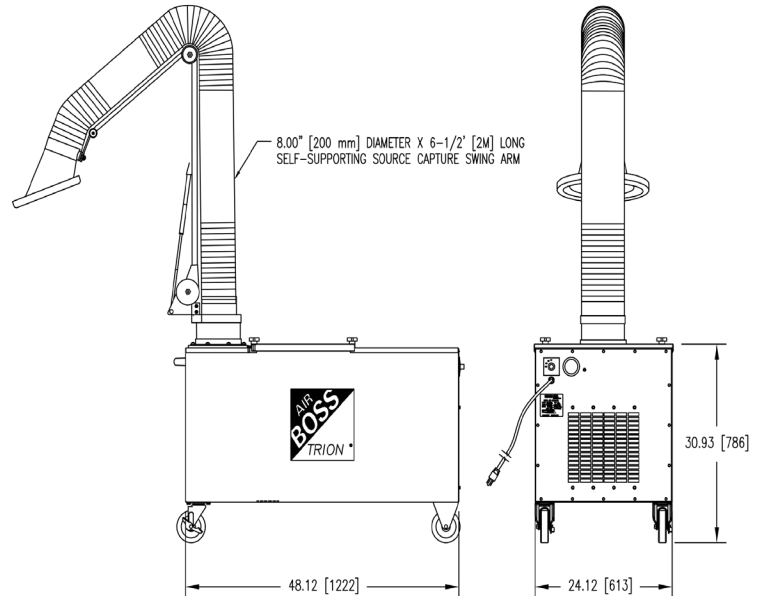
The M2500M parabolic (curved) hood and inlet flange make the device most effective in capturing smoke and fumes at further distances, compared to standard designs that allow contaminant bypass.

How it Works

The M2500M functions in three easy steps:

- Contaminants enter the M2500M through the unit-mounted hood and are conveyed through the swing arm into the filter section
- Within the filter section, the pre-filter removes larger particles. The high efficiency primary filter captures smaller contaminants
- Clean air is recirculated into the work area

TRION AIR BOSS M2500M	
Clean Air Flow	1100 CFM (1870 M ³ /H)
Pre-Filter Area	28 ft ² (2.6 M ²)
Primary Filter	
MERV 14	194 ft ² (18 M ²)
MERV 16	194 ft ² (18 M ²)
HEPA 99.97%	154 ft ² (14.3 M ²)
Cabinet Dimensions	48.1" L x 24.1" W x 30.9" H (1222mm x 613mm x 786mm)
Shipping Weight	430 lbs. (195kg.)
Noise Level	70 dBA
Horsepower	1 HP (0.75 kW)
Electrical	115V/60Hz/1Ph 9.4 Amps
Construction	16 gauge welded steel Powder coated cabinet



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