

# Technical Specification

## JMS-10-MEC - Mobile, Electric, Castor Wheel dust collector

Overview	
Power	Electric
Variable Speed Drive	380-480V
Mobility	4 x Castor Wheels 3968 lbs (1.8T) Capacity Each Plus: 4 x Lifting Lugs
Fabrication	0.12" x 0.20" Mild Steel International Two Pack Paint
Air Intake Ø	1 x 23.6" (600mm) 2 x 13.8" (350mm)
Filter Technical Data	
Air Volume	20,000CFM (10m <sup>3</sup> /s)
Number of High Efficiency Filters	16
Filter Cleaning Efficiency	99.99% at 0.067 micron
Total Filter Surface Area	4822ft <sup>2</sup> (448m <sup>2</sup> )
Filter Temperature Limit	179.6°F (82°C)
Method of Changing Filters	Via 2 Filter Doors
Estimate Filter Change Time	Two Technicians x 1hr
Reverse Pulse Cleaning System	
Reverse Pulse Cleaning Solenoids	8
Plant Air Attachment	Optional Upgrade
Adjustable Pressure and Frequency Rate	Yes
Auto Drains	Yes
Centrifugal Fan	
Maximum Pressure Drop Across Filters	12"iwg (-3kPa)
Electric Motor	50hp (37kW)
Variable Air Flow Control	Yes
Fan Silencer	Yes
Dust Discharge System	
Hydraulic Reverse Augers	n/a
Main Screw Conveyor Auger	n/a
Stainless Steel Rotary Valves	1
Incline Screw Conveyor Auger	Front

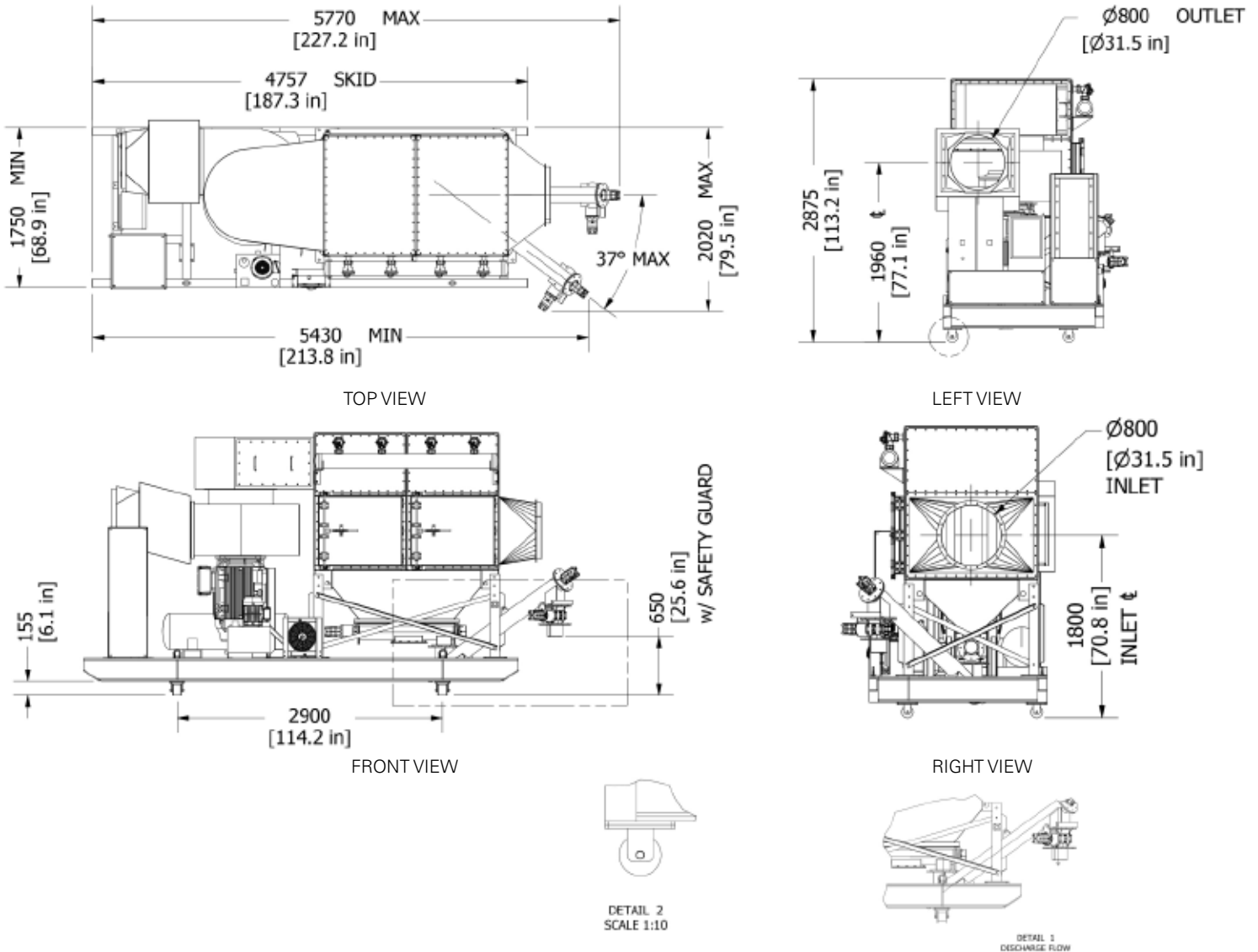


Instrumentation	
CANBus PLC	n/a
HMI Touch Screen Display	n/a
Static and Differential Pressure Gauges	Yes
Emissions Monitoring Probe	Yes- 24V
Velocity Probe	Optional Upgrade
Safety Features	
Emergency Stops	2
Emergency Stop Lanyard System	Optional Upgrade
Operation and Maintenance Lights and Alarms	Yes
Work Safety Lights	6 x 24V
Amber Rotating Beacons	2
Mains Isolator	Yes
Fire Suppression System	Optional Upgrade

\* Alternative centrifugal fans can be utilised to optimise air volume and pressure to suit site conditions and specific applications.

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Key Dimensions	
Maximum Height	113.2"
Maximum Width	68.9" (skid) 79.5" (with side discharge auger)
Maximum Length	227.2" (with rear discharge auger)
Mass	12,100lb (5.5T)

### Grydale. Experts in Dust Control

Our team has over 15 years' experience designing and manufacturing industrial dust collection and extraction solutions.

We focus on adding value through a total service offering, providing ventilation design, manufacture, implementation, ongoing project management and on-site maintenance and technical support.

Contact us for more information.  
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### Other models in the JMS 10 M-Series

- JMS-10-MES - Mobile, Electric, Skid dust collector
- JMS-10-MDT - Mobile, Diesel, Track dust collector