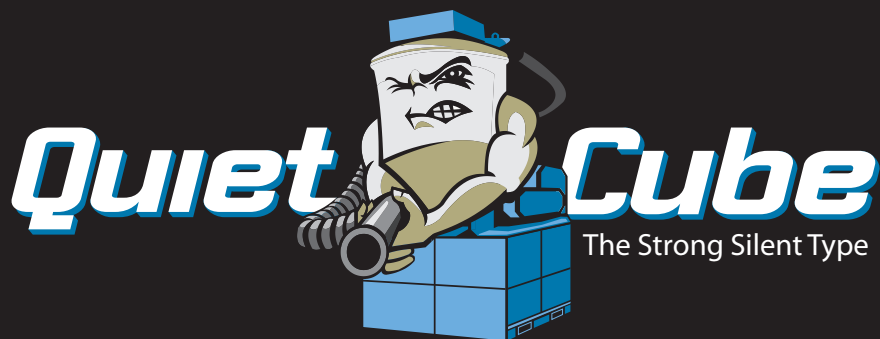




**Dawson-Macdonald Co., Inc.**  
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 Tel: (800) 556-4456 (toll free) / Fax: (978) 657-8740  
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 Website: [www.dawson-macdonald.com](http://www.dawson-macdonald.com)

## **QUIET CUBE SPECIFICATIONS**

- **SKID MOUNTED**  
 4" X 8" rectangular tube frame, fork pockets, and certified lifting cage.
- **POWER SOURCE**  
 150 HP electric motor, 460 volt, 3-phase, hostile duty (Full Load amps 163, no load 48.8)
- **SOUND ATTENUATION PACKAGE**  
 Dual inlet and discharge silencers with sound attenuation enclosure.
- **VACUUM AIR FLOW (blower)**  
 Roots Dresser 2350 CFM capable of 27" Hg, 5 belt driven, with guard
- **FILTRATION SYSTEM**  
 Cyclonic separation. Baghouse - 37 Teflon coated, quick change filter bags with continuous reverse pulse air cleaning. High efficiency blower safety filter.
- **INSTRUMENT PANEL (NEMA 4 )**  
 Soft start package, push button on/off switch with indicator light, disconnect lever, air pulse on/off switch, material dump on/off switch.

## **STANDARD EQUIPMENT**

- Paint-one color (custom lettering available)
- Wet or dry operation
- Automatic cone vibrator
- Emergency stop button
- 10" inspection manhole

## **OPTIONS**

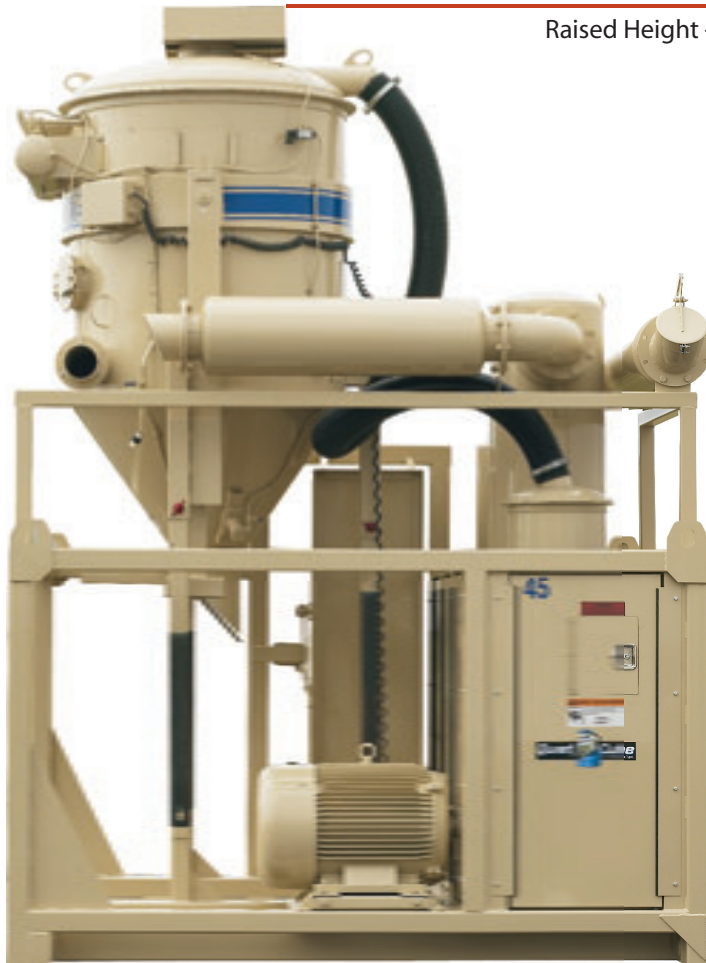
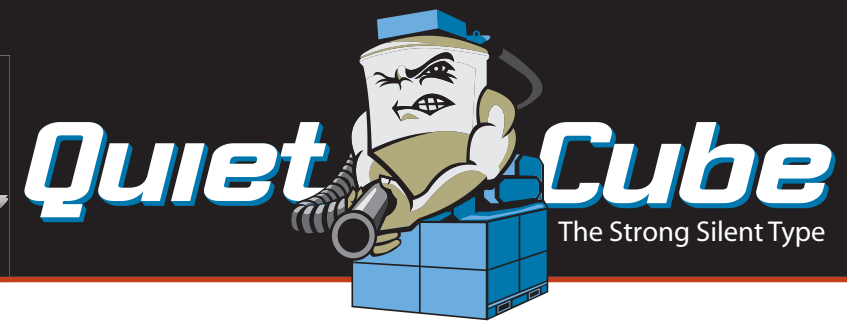
- Slide gate discharge
- 16" manhole on baghouse
- Auger in hopper (cone)
- Hydraulics (lift cylinder)
- HEPA filtration
- Tool box
- Air compressor - 120 PSI
- Trailer mounted to DOT standards



*Dimensional Drawing On Reverse Side*



**Industrial Vacuum Equipment Corporation**  
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Raised Height - 183"

Weight - 9500 lbs.



Stowed Height - 126"

Length - 126"

Width - 100"

# HURRICANE 300s



## SPECIFICATIONS

- **SKID MOUNT**

Heavy duty steel frame with fork pockets and adjustable jack stands

- **POWER SOURCE**

30HP TEFC electric motor, NEMA 4X enclosure with all controls and disconnect

- **VACUUM AIR FLOW (Blower)**

Positive displacement, 850 CFM @ 15"Hg vacuum, 3 belt driven

- **FILTRATION SYSTEM (3-Stage)**

Stage 1: Cyclonic separation

Stage 2: Baghouse, 12 Teflon coated, sealed-edge, quick-change filter bags with continuous shaker cleaning system

Stage 3: Blower Safety Filter

## STANDARD EQUIPMENT

- Paint - one color (custom lettering optional)
- Wet or dry operation
- Hydraulic jack to raise/lower baghouse
- (4) jack stands
- Inspection door (Hopper)
- Manual vacuum break
- Gravity style dump door
- Quick release filter access door



*Dimensional drawing on other side*

## SAFETY FEATURES

- OSHA approved belt guard
- Optional HEPA filtration
- Blower safety filter
- Emergency stop button

## OPTIONS

- Certified lift cage
- HEPA filtration
- Diesel powered
- Air compressor
- Auto dump
- Reverse pulse filter cleaning



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# HURRICANE 300s



## DIMENSIONS

WIDTH 69"

WEIGHT 2800 lbs

Lowered Height 102"



HURRICANE 300



HURRICANE 300

Discharge Height 59"

Raised Height 145"

Length 113"



# HURRICANE 400

## CENTRAL VACUUM SYSTEM



*Dimensional drawing on other side*

### HURRICANE 400 SPECIFICATIONS

- **SKID MOUNTED**

Heavy duty steel frame with fork pockets and 4-point certified lift eyes

- **POWER SOURCE**

50 HP, 480 volt 3 phase premium efficiency motor with all controls, including soft start in a NEMA 4 enclosure

- **VACUUM AIR FLOW (BLOWER)**

Roots 418 RAM positive displacement belt-driven blower 1100 CFM capable of 15" Hg

- **SOUND ATTENUATION PACKAGE**

Standard model comes with a "Quiet Cube"™ package  
Max DbA @ full vacuum 84



- **FILTRATION SYSTEM**

(2) 36" diameter cyclone separators - the first cyclone collects large trash & debris. The second cyclone has (9) 28" filter bags to catch finer dust. Both cyclones discharge into a 55 gallon drum

- **BLOWER SAFETY FILTER**

With optional HEPA filtration  
Located between cyclones and blower

### STANDARD EQUIPMENT

- Paint - one color
- Wet or Dry Operation
- Emergency Stop Button
- OSHA Approved Belt Guard
- HEPA Filtration
- 10" Manhole
- Certified 4-point Lift Cage
- Flanged Hose Connection (for multiple sized hoses)

### OPTIONS

- HEPA Filtration
- Onboard Air Compressor



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# HURRICANE 400

CENTRAL VACUUM SYSTEM



## DIMENSIONS

Height - 120"

Width - 101"

Length - 126"

Weight - 6,000lbs





# HURRICANE 500<sup>EM</sup>

## HURRICANE 500<sup>EM</sup> SPECIFICATIONS

- SKID MOUNTED

4"x 8" rectangular tube frame, fork pockets & certified lifting cage

- POWER SOURCE

100 HP electric motor, 460 volt, 3 phase hostile duty motor (full load amps 115)

- SOUND ATTENUATION PACKAGE

12" blower discharge silencer & 12" inlet blower silencer

- VACUUM AIR FLOW (Blower)

Roots Dresser 616 DVJ, 2350 CFM capable of 23" Hg, 5 belt driven with OSHA approved guard.  
150 HP option: 2350 CFM capable of 27" Hg



Dimensional drawing on other side



- FILTRATION SYSTEM - 3 STAGE

Cyclonic separation. Baghouse - 37 Teflon coated quick change filter bags with continuous reverse pulse air cleaning. High-efficiency blower safety filter

- INSTRUMENT PANEL (NEMA 4)

Soft start package, push-button on/off switch with indicator light, disconnect lever, filter cleaning on/off switch, material dump on/off switch

## STANDARD EQUIPMENT

- Paint - one color (custom lettering available)
- Wet or dry operation
- Automatic cone vibrator
- Emergency stop button with 50' cord

## OPTIONS

- 150 HP electric motor
- Slide gate discharge
- 16" manhole on baghouse
- Auger in hopper (cone)
- Hydraulics (lift cylinder)
- HEPA filtration
- Tool box
- Air compressor - 120 PSI
- Trailer mounted to DOT standards



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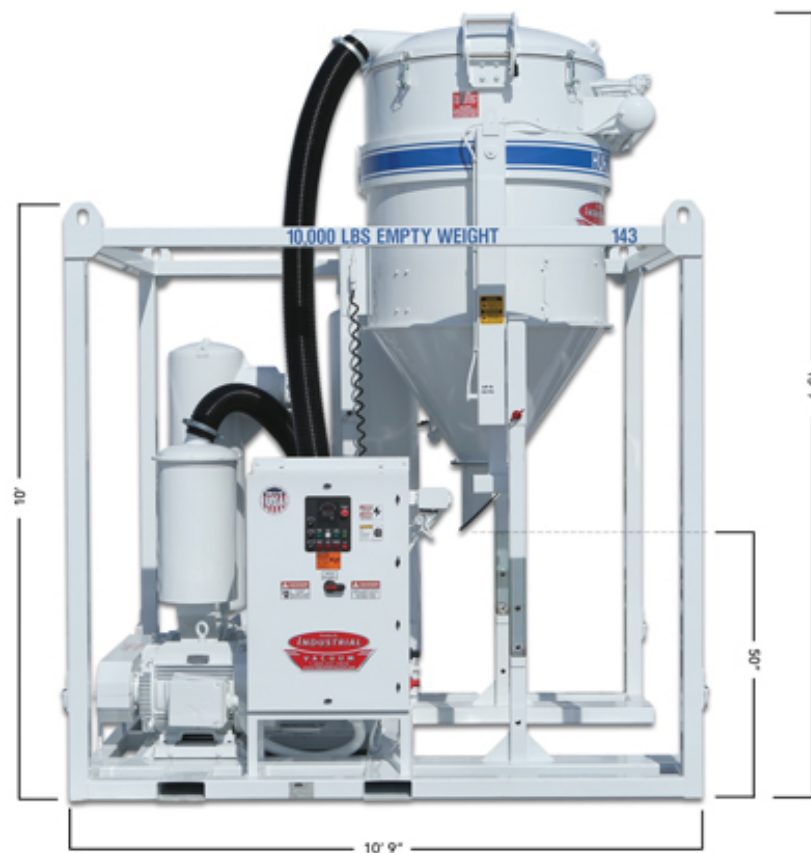
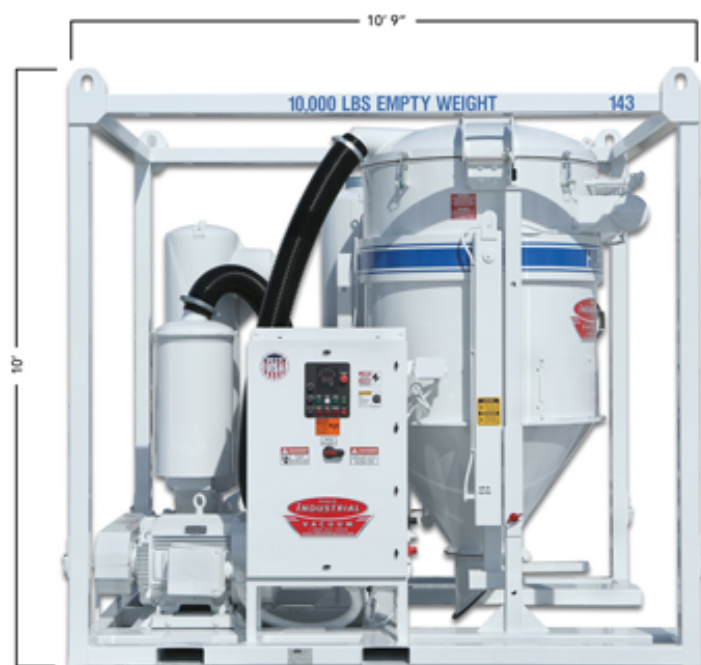
# HURRICANE 500<sub>EM</sub>



## DIMENSIONS

WIDTH 76"

WEIGHT 10,000 lbs





# HURRICANE 800<sub>EM</sub>

## HURRICANE 800<sub>EM</sub> ELECTRIC EXTREME DUTY SPECIFICATIONS

### •VACUUM SPECIFICATIONS:

Skid mounted 4"x 8" rectangular tube frame, 6" x 12" fork pockets 4 point certified lift frame  
Sub frame for motor & blower package with vibration isolators

•POWER PACKAGE 1: 200 hp, 460 volt, 3 phase hostile duty motor. Direct drive to a Roots 4500 cfm blower capable of 28" Hg

•POWER PACKAGE 2: 300 hp, 460 volt, 3 phase hostile duty motor. Direct drive to a Roots 5660 cfm blower capable of 28" Hg

### •FILTRATION SYSTEM - 3 STAGE:

Stage 1: Cyclonic separation

Stage 2: 37 Teflon coated, quick change filter bags with continuous air pulse cleaning

Stage 3: Dual blower safety filters with optional HEPA filtration

•INSTRUMENT PANEL: NEMA 4 soft start package, push button motor start/stop with indicator light, disconnect lever, filter cleaning on/off, vacuum system on/off

## STANDARD EQUIPMENT

- Paint - one color with custom lettering/striping
- Wet or dry operation
- Automatic cone vibrator
- Emergency stop button
- 10" Inspection manhole
- Flip top lid on baghouse

## OPTIONS

- HEPA filtration
- Dirty filter shut down system
- Slide gate discharge
- Toolbox
- Hydraulic lift package
- Air compressor - 120 PSI
- Trailer mounted
- Hydraulic auger in cone
- Rotary valve
- Double dump valve

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- Foundries
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- Blast Recovery
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*Dimensional drawing on other side*



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# HURRICANE 800<sub>EM</sub>

## DIMENSIONS

Width - 88"  
Weight - 12,500lbs

