

# Hi-Vac<sup>®</sup>

Industrial Vacuum Systems

A Product of Hi-Vac<sup>®</sup> Corporation



**PORTABLE AND STATIONARY**

# PORTABLE

## INDUSTRIAL VACUUM SYSTEMS

### HI-VAC 400 SERIES

#### FEATURES

- Range in horsepower from 20HP to 75HP electric motor and a maximum vacuum pressure of 16" Hg
- Conveying distances of up to 500' through conveying hose or in-plant manifold piping system
- Best safety features on the market including low blower oil safety shutdown, high blower discharge temperature safety shutdown, broken filter bag detector safety shutdown and an Allen Bradley PLC controller system for monitoring
- Capable of vacuuming wet/dry material and liquids
- Three Stage Material Separation System, Primary Centrifugal Separator, a Secondary Linear Separator, and a Dust Collector (99.9% efficient)
- Envelope style filter bags
- Heavy-duty construction 3/16" steel plate that is built to last

#### AVAILABLE OPTIONS

- Diesel and LP gas engine packages include clutch and air compressor packages
- Breaker assembly used to depressurize vacuum system when utilizing an in-plant manifold piping system
- HEPA filter for absolute filtration

#### AVAILABLE EXPLOSION-PROOF OPTIONS

- Stainless steel material inlet assembly
- Grounded filter bag assemblies
- NEMA 7/9 Control Panel for Class I & II environments
- Grounding reel assembly



#### 400 SERIES BENEFITS

- Average lifespan of more than 30 years
- Less maintenance than any other system on the market
- Includes the most safety protection options and system monitoring on the market
- The only 3-stage material separation system on the market (Centrifugal Separator, Linear Separator, Final Cloth Dust Collector System)
- Average filter life lasts more than two years between changes based on daily usage



# High Quality, Reliable

## HI-VAC 800 SERIES

### FEATURES

- Ranges in horsepower from 20HP to 75HP electric motor and a maximum vacuum pressure of 16" Hg
- Conveying distances of up to 500' through conveying hose or in-plant manifold piping system
- Two-Stage System includes Primary Radial Flow Inlet and 99% efficient GORTEX Filter Cartridge Dust Collector
- GORTEX wide pleat filter cartridge allows material to be cleaned easily without packing versus tighter-pleated cartridges
- Continuous reverse air pulse filter cartridge cleaning system
- Filter baghouse door features an easy-to-open lid lifting jack assembly
- Heavy-duty construction 3/16" steel plate built to last
- Best safety features on the market including low blower oil safety shutdown, high blower discharge temperature safety shutdown, broken filter bag detector safety shutdown

### AVAILABLE OPTIONS

- Diesel and LP Gas engine packages include clutch and air compressor packages
- Breaker assembly used to depressurize vacuum system when utilizing an in-plant manifold piping system
- HEPA filter for absolute filtration

### AVAILABLE EXPLOSION-PROOF OPTIONS

- Stainless steel material inlet assembly
- Grounded filter cartridges
- Flameless explosion relief vent assembly
- NEMA 7/9 Control Panel for Class I & II environments
- Grounding reel assembly



### 800 SERIES BENEFITS

- Heavy-duty design at a more economical price
- The dust collector round design allows for vacuuming any type of material
- GORTEX wide pleat filter cartridge allows material to be cleaned easily without packing versus Spun Bond Polyester
- Filter baghouse door that features an easy-to-open lid lifting jack assembly





# Unsurpassed Performance

## HI-VAC 300 SERIES

### FEATURES

- Economical choice when higher horsepower is not required
- Range in horsepower from 20HP to 25HP electric motor and a maximum vacuum pressure of 16" Hg
- Conveying distances of up to 200' through conveying hose or in-plant manifold piping system
- Capable of vacuuming wet/dry material and liquids
- Two-Stage Material Separation System, Primary Centrifugal Separator, and a Dust Collector (99.9% efficient)
- Reverse pulse continuous cleaning bag house
- Heavy-duty construction 3/16" steel plate that is built to last
- GORTEX wide pleat filter cartridge allows material to be cleaned easily without packing, unlike tighter-pleated cartridges
- Continuous reverse air pulse filter cartridge cleaning system

### AVAILABLE EXPLOSION-PROOF OPTIONS

- Stainless steel material inlet assembly
- Grounded filter bag assembly
- NEMA 7/9 Control Panel for Class I & II environments
- Grounding reel assembly

### 300 SERIES BENEFITS

- Average lifespan of more than 30 years
- Less maintenance than any other system on the market
- Includes the most safety protection options and systems on the market



# STATIONARY

## INDUSTRIAL VACUUM SYSTEMS

A Stationary vacuum loader can work as part of a plant-wide central vacuum system, it can be used for cleaning up at multiple locations, rapidly moving materials over long distances, or it can work as a pneumatic conveyor to collect and continuously transfer material into processing systems or storage.

### FEATURES

- 20HP-75HP electric motor drive system
- Pressure rating - 16" Hg
- Airflow capabilities from 400 CFM up to 1900 CFM
- Low air to cloth ratios with filter cartridge assemblies
- Continuous reverse pulse timer operated filter cleaning
- Access to the filter assemblies is through a hinged top mounted door
- 1/2 up to 2 cu. yd. capacity bottom discharge material collection hopper
- Hinged hopper cleanout door
- Inlet with centrifugal separation or wear-resistant impact style material separation
- Standard hopper discharge height of 6'
- NEMA 4 Control panel assembly
- Heavy-duty construction 3/16" steel plate built to last

### AVAILABLE OPTIONS

- Vibrator to aid in discharging non-flowable materials
- Automatic Air Drain valve to remove moisture from the compressed air system
- Noise Attenuation Package reduces noise level to approximately 85 dBA at a distance of 3'
- Blower Protection Package/ Vacuum Breaker, Butterfly Valve Type (includes low blower oil, high blower temperature and broken bag shutdown)
- HEPA Filter for absolute filtration of air being discharged

### AVAILABLE EXPLOSION-PROOF OPTIONS

- Stainless steel material inlet assembly
- Grounded filter cartridges
- Explosion isolation valve assembly
- NEMA 7/9 Control Panel for Class I & II environments
- Grounding reel assembly





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