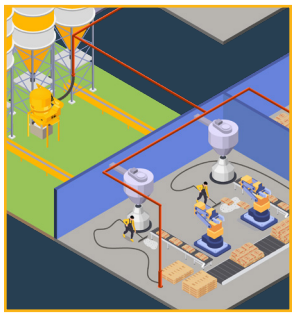
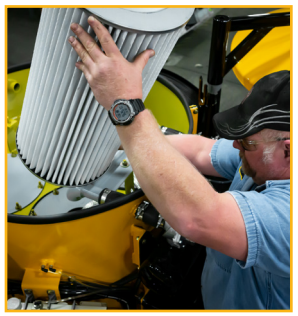
800 HYBRID FRAME

THE CLEAN SWEEP

- 20 to 75HP electric motor
- Up to 1,800 CFM & 16″ HG PD blower
- Convey up to 500′ through Hi-Vac designed manifold systems
- Hopper or bulk-bag ready options
- Telescopic legs for bulk bag fill and make unit easy to relocate
- Optional explosion-proof configurations
- Optional equipment protection features



Design to Suit Manifold Systems



Easy Baghouse Access



Telescopic Legs for Bulk Bag Fill



Available Noise Attenuation



HI-VAC

117 Industry Road, Marietta, Ohio 45750, USA
US: 800.752.2400 | INT'L: +1.740.374.2306 | sales@hi-vac.com
www.hi-vacproducts.com.com | Hi-Vac Corporation | Hi-Vac Industrial Vacuum Systems

MADE IN USA

® Hi-Vac Corporation. All Rights Reserved 10/2026 04238

INDUSTRIAL VACUUM SYSTEMS

800 HYBRID FRAME STANDARD SPECIFICATIONS



POWERHEAD

- TEFC electric motor, 460V/3PH/60Hz
- Horsepower ranges from 20 to 75
- Positive displacement vacuum pump capable of producing up to 1800 CFM and 16″ HG
- Spring-loaded vacuum relief valve set at 16″ HG
- Equipped with vacuum pump discharge silencer

FILTRATION

- Two-stage system with primary radial flow inlet and up to 99% efficient GORTEX dust collection filter cartridges
- Wide-pleat filter cartridge design
- Automatically handles both “Wet” and “dry” material
- Continuous reverse air-pulse filter cartridge cleaning system
- Filter cartridge top access through assisted lift and swing-out lid assembly
- Automatic dirty filter unit shutoff

HOPPER

- Available 0.75 cubic yard hopper
- Automatic full hopper unit shutoff
- 56" standard discharge height, 48" with bag fill transition
- Bulk bag fill-ready design

CONSTRUCTION

- 3/16″ steel plate frame, baghouse, & hopper
- Round dust collector design
- Gasketed dished head lid
- Abrasion resistant primary radial flow inlet
- Forklift portable, with integrated lift pockets
- Support frame legs telescope for transport

CONTROLS

- NEMA 4 control panel enclosure
- Circuit breaker with manual disconnect
- 120V control circuit
- Magnetic starter with thermal overloads
- Vacuum gauge calibrated in inches & centimeters of HG
- Differential gauge
- Air pressure gauge
- Time totalizer with total hours of operation
- Auto/manual selector switch for filter cleaning
- E-Stop button

MANIFOLD SYSTEMS

- Conveying distances up to 500′
- Full consultive design services available
- Standard CAD drawings with detailed bills of materials provided for all projects
- Comprehensive project management services, including initial and pre-installation walkthroughs, provided for all projects

OPTIONS & ACCESSORIES

- Flameless explosion relief vent assembly
- Dual agent Cease Fire suppression system with high purity compressed dry nitrogen
- Explosion isolation inlet valve assembly
- Stainless steel material inlet assembly
- Grounded filter cartridges
- NEMA 7/9 Control Panel for Class I & II environments
- Explosion proof electric motor
- Grounding reel assembly
- HEPA filtration
- Noise attenuation packages with maintenance access doors
- High blower discharge temperature safety shutdown
- Broken filter bag detector safety shutdown
- Allen Bradley PLC controller for remote monitoring
- Alternate voltage ranges
- High temp/high vac vacuum breaker assembly

117 Industry Road, Marietta, Ohio 45750, USA
US: 800.752.2400 | INT’L: +1.740.374.2306 | sales@hi-vac.com
www.hi-vacproducts.com.com | Hi-Vac Corporation | Hi-Vac Industrial Vacuum Systems

® Hi-Vac Corporation. All Rights Reserved 10/2026 04238