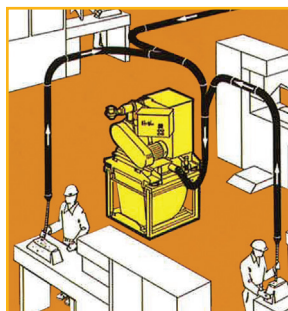


800 SERIES THE CLEAN SWEEP

- Ideal for all wet or dry waste, from fine dust to heavy sludge
- 20 to 75 HP electric motor
- Up to 1,800 CFM & 16" HG PD blower
- Up to 2 yd³ debris hoppers
- Convey up to 500' through Hi-Vac designed manifold systems
- Available in-plant & highway trailers
- Optional explosion-proof configurations
- Optional diesel & LP gas power
- Optional equipment protection features



Design to Suit Manifold Systems



Easy Baghouse Access



Available In-Plant & Highway Trailers



Full Explosion-Proof Options List

800 SERIES STANDARD SPECIFICATIONS



POWERHEAD

- TEFC electric motor, 460V/3PH/60Hz
- Horsepower ranges from 20 to 75HP
- 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 cartridge
- 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

- Choice of 1.0, 1.5, or 2.0 yd³ capacities
- Forklift portable, with integrated lift pockets
- Automatic full hopper unit shutoff

CONSTRUCTION

- 3/16" steel plate frame, baghouse, & hopper
- Round dust collector design
- Gasketed dished head lid
- Abrasion-resistant primary radial flow inlet
- Choice of forklift portable, with integrated lift pockets, or 4-wheel towable configurations

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 consultative 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
- Diesel and LP gas engines with clutch and air compressor
- 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
- In-plant and highway trailers
- Alternate voltage ranges
- On-board air compressor package
- High temp/high vac vacuum breaker assembly