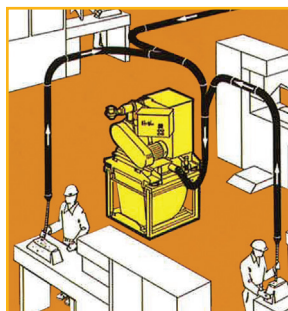


400 SERIES THE HEAVY LIFT LEGEND

- Optimized for the heaviest wet or dry material
- 20 to 75 HP electric motor
- Up to 1,650 CFM & 18" HG PD blower
- Three stage material separation system
- Up to 2 yd³ debris hoppers
- Convey up to 500' through Hi-Vac designed manifold systems
- Available in-plant & highway trailers
- Optional diesel & LP gas power
- Optional explosion-proof configurations



Design to Suit Manifold Systems



Low-Maintenance Bag Shaker



Available In-Plant & Highway Trailers



Powerful PD Vacuum Pump



400 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 1,650 CFM and 18" HG
- Spring-loaded vacuum relief valve set at 18" HG
- Equipped with vacuum pump discharge silencer
- High blower discharge temperature shutdown
- Up to 22 tons per hour (TPH) material collection capability

FILTRATION

- Three-stage system with primary centrifugal first stage, and linear separator and up to 99% efficient dust collection filter bags
- Envelope Style Bag Design
- Optimized for very heavy wet or dry materials
- Timed shaker-style bag cleaning system
- Filter bag top access
- Automatic dirty filter unit shutoff
- Automatic broken filter bag detector shutdown

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
- Rectangular dust collector design
- Gasketed access door
- Abrasion-resistant primary debris inlet
- Choice of forklift portable, with integrated lift pockets, or 4-wheel towable configurations

CONTROLS

- NEMA 4 control panel enclosure
- Allen Bradley PLC controller for system monitoring
- 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
- 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
- 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
- In-plant and highway trailers
- Alternate voltage ranges
- On-board air compressor package
- High temp/high vac vacuum breaker assembly