



WHITLOCK-MATERIAL HANDLING

VACTRAC™ SERIES VACUUM PUMPS AND FILTERS



VACTRAC™ VTP SERIES VACUUM POWER UNIT

- Continuous conveying with atmospheric relief for high conveying rates.
- Self-cleaning cyclone/cartridge combination filter also available with optional compressed air cleaning
- Vacuum gauge on pump for monitoring vacuum level
- High vacuum relief for safe operation
- Excellent for all virgin and most regrind applications
- Available in 20-30 hp (3.78-22.38 kw) models



VACTRAC™ VTPB SERIES VACUUM POWER UNIT

- Blowback cycle cleans the filter on demand and aids in emptying the vacuum receivers
- Power unit automatically cycles from load cycle to blowback with unique air directional valves without stopping and reversing the motor and blower.
- Ideal for dusty regrind and some powder conveying applications
- Available in 25-30 hp (3.73-22.38 kw) models



OPTIONAL SOUND ENCLOSURE

AEC provides several different types of VacTrac™ vacuum power units to meet your needs. The VTP Series vacuum pump utilizes a positive displacement blower and is intended

to convey pellets and regrind over long distances. The VTPB Series pump features non-reversing valves with Pulse Jet™ Blowback and is designed to convey dusty materials and some powders over long distances.

OPTIONAL FEATURES

- Sound enclosure
- Electrical disconnect
- Special voltage



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SEQUENCING VALVES FOR SYSTEM CONTROL



ATMOSPHERIC RELIEF VALVE



SEQUENCE "T" VALVE

Every AEC vacuum conveying system utilizes a remote central filter chamber to eliminate on-the-machine filter maintenance as well as to protect the vacuum pump from damage due to dust or particle ingestion. AEC offers three types of Central Filter Chambers to cover the broad range of filtering applications.



Optional removable dust can



High-capacity cartridge filter



VFC SERIES CARTRIDGE-STYLE FILTERS

- Can be used with any VacTrac™ pump
- Two-stage dust collector incorporates a cyclonic vortex separation chamber with a large-capacity cartridge filter element to produce a highly efficient, low-maintenance filter
- At the end of the loading cycle the filter discharges trapped dust through a self-emptying flapper dump valve into a drum for disposal
- Available in 35 and 55 ft² (3.15 and 4.95 m²) models
- Optional air blowback also available



FC SERIES BAG-STYLE FILTERS

- Designed with an array of polyester felt filter bags to efficiently trap conveying system fines and dust
- Normally used with AEC VTPB power units with patented "Pulse Jet Blowback" for filter cleaning
- "Blowback"—reverse air flow—from the vacuum pump is utilized to clean the filters and discharge the fines out the flapper dump valve into a drum
- Available in 15, 30, and 55 ft² (1.35, 2.7 and 4.95 m²) models
- Optional compressed air blowback also available



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