



performance proven **VACUUM SOLUTIONS™**

# TITAN® KLEANSHOT® GRIT or SHOT CLASSIFICATION SYSTEMS Trailer or Skid Mounted/ Electric, Gas, or Diesel Powered



Diesel Klean Shot in Travel/Stowed Position



Two Diesel Klean Shots in Operation



Electric Klean Shots in Travel/Stowed Position



Skid Mounted Electric Klean Shot in Travel/Stowed Position

Each of the above designs is offered in diesel, gas and electric power and in skid-mounted and trailer formats.

Titan Klean Shots are high performance shot and grit cleaning system for the continuous recycling and conveying of recyclable media. Systems are available in trailer mounted and skid mounted configuration and with electric and diesel power. Titan Klean Shot clean both ferrous and non-ferrous recyclable blast media including steel grit, aluminum oxide, slag, and garnet. The trailer mounted Klean Shot is ideal for abrasive cleaning on surface preparation jobs like water towers and bridges while the skid mounted Titan E-2 is the premier classification system for use in shipyards.

## Toll Free 1(800) 832 4010

### DELIVERING MORE EFFICIENCY, FLEXIBILITY AND POWER

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## OVERVIEW AND SPECIFICATIONS, TITAN® KLEAN SHOT® SHOT /GRIT RECLAIM SYSTEM

### Trailer Mounted Diesel

(Units are also available in skid mounted and electric configurations)

The Titan Klean Shot is a unique and versatile high performance shot or grit cleaning system for the continuous recycling and conveying of various recyclable media in a variety of abrasive blast operations. With the Titan Klean Shot, spent media can be thoroughly cleaned for use and re-use while maintaining an appropriate operating mix with an absence of contaminants. It can be used to process any recyclable media.

#### DESIGN AND FEATURES:

- The Titan Klean Shot will work in conjunction with most any industrial vacuum loading machine.
- Continuously cleans shot or grit at rates to twelve tons / hour (depending upon vacuum source used).
- Allows precise speed and cleaning efficiency for a variety of recyclable blast media operating mixes and sizes.
- System offers product specific variable speed for precise control of the cleaning process.
- Self-cleaning Klean-Prop™ vertically mounted cartridge filters provide extended filter life; 99.8 @ .5 micro filtration levels.
- Unit design allows easy filter change out from the top of unit with minimum operator exposure.
- An internal hydraulic auger to convey contaminants to fully enclosed dust collection system.

#### OPERATING PRINCIPALS:

Spent media is cleaned by the Titan Klean Shot after being drawn into the system utilizing power supplied by a VecLoader Titan vacuum or a similar capacity high-powered vacuum. Throughput will be limited by the vacuum source selected. After cleaning, the cleaned media is pneumatically conveyed to the user's blast pot, storage container or 55 gallon drum, dependent upon the customer's requirements. Pneumatic conveyance is accomplished by a customer supplied air compressor (200 CFM minimum is required).

Unit features a four-stage cleaning process combining cyclonic separation, rotary screens, vertical air wash and an integral dust collector. Stage 1 -During the initial Shot or grit loading stage, light fines are cyclonically separated and carried over to a VecLoader Titan vacuum loader or other customer supplied high-powered vacuum system. Stage 2 -Trash is segregated from the collected shot or grit in the unit's second cleaning stage by utilizing a rotating screen system which deposits the segregated trash into a separate 55 gallon drum. Stage 3 -Collected media passing through these first two precleaning stages is then metered through an air wash system where the remaining foreign particulate is separated and then transferred to the integral dust collection system. After this final cleaning, the processed blast media is gravity fed to the lower transport chamber which is then pressurized to direct the blast media to a blast pot, steel drum or other storage container. Stage 4 -Foreign particulate segregated by the Titan Klean Shots air wash system is transported to the unit's integral dust collector.

#### SPECIFICATIONS:

Fan	Centrifugal variable speed fan capable of producing 3,000 to 6,000 CFM airflow.
Dust removal	Engine driven hydraulic screw auger emptying into 55 gallon drum.
Power	15 Hp diesel engine, 3,600 RPM, direct coupled.
Engine features	High temperature and low oil pressure automatic shutdowns, tachometer, and charging system.
Filtration:	
Filter element	Pleated cellulose cartridges, top loaded for natural dust release (99.8 @ .5 micron).
Filter media area	2,130 sq ft, comprised of 8 cartridges each having 207 sq. ft. filtration per filter.
Filter cleaning	Pulse jet, utilizing customer supplied air.
Air requirements	Volume - 200 scfm/min; Pressure - 90 psi min/150 psi max.
Trailer	Fully road-ready with two 6,000 pound axles, electric brakes, hand-operated parking brake, leveling jacks, all lights for legal night highway operation, heavy-duty ring-type hitch, LT235-85R-16 radial tires. Length 17' 2", Width 7' 8", Height/Stowed 11' 9", Height/Working 18' 6", Weight 9,800 lbs, approximate.
Other features	Magnehelic pressure differential gauge to monitor baghouse, 16" manhole for baghouse inspection and maintenance, on-board hydraulic system. The Titan Klean Shot is also available as a skid-mounted and electric unit.

Specifications are subject to change without notice so that improvements can be made as quickly as possible.

#### Warranties, Service and Reliability:

The Titan Klean Shot is manufactured, warranted and serviced by Vector Technologies Ltd., Milwaukee, Wisconsin. For 30 years, Vector has been a leading innovator of specialized material handling equipment. The Titan Klean Shot offers the same level of quality, innovation, reliability and field tested features that have made Vector vacuums the standard for reliability and performance in the abrasive blast industry.

The Titan Klean Shot carries a full warranty backed by Vector Technologies and its elite roster of suppliers. Assistance is available our U.S. toll free hot line at 1 (800) 832-4010. Vector is fully dedicated to providing the finest "after-the-sale" service and support obtainable.

For more information, contact Vector Technologies at 1 (800) 832-4010. Outside the United States, please call 1 (414) 247-7100 or fax 1 (414) 247-7110. Also see our Web site at [www.vector-vacuums.com](http://www.vector-vacuums.com).

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