

# CENTRAL VAC SYSTEM

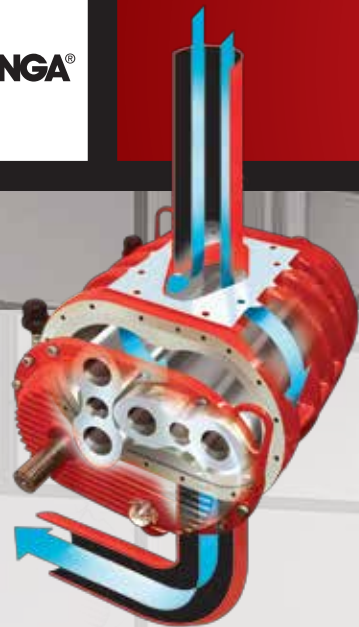
**WALINGA**<sup>®</sup>  
INC.

**Central-Vac**



**WALINGA**<sup>®</sup>  
TOUGH TO BEAT IN THE LONG RUN





### SUPER HARDENED SRT BLOWER

The Walinga Super Hardened SRT Blower is available in two sizes:

- 1100 cfm capacity Model 510**
- 1800 cfm capacity Model 614**

Walinga Super Hardened SRT Blowers are manufactured to exact specifications and quality control standards. The housing, endplates and impellers are precision machined. Gears and bearings are "splash lubricated". For the Central Vac application, these blowers operate at very low rpms extending the life of the blowers and decreasing operating DBA Decibels.



### FILTER CANISTER

The filter canister can be located in a easy to maintain location close to the ground. It keeps dust out of the blower, which protects and prolongs its life. It also ensures clean air discharge from the blower into the atmosphere.

### SECONDARY CYCLONE

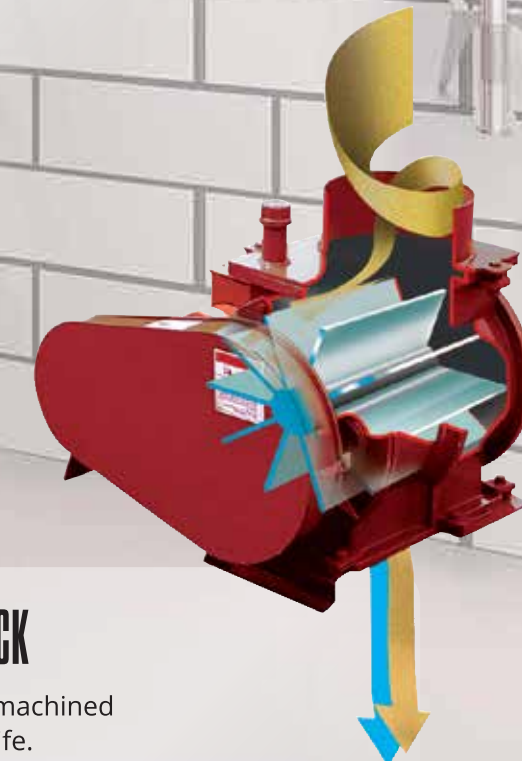
Located "up-stream" of the blower, the Secondary Cyclone is designed to remove excess dust from the air stream prior to the air getting to the blower. The Secondary Cyclone is designed to remove additional dust not caught by the primary separator. This allows for minimal dust to reach the filter canister.

**(SHOWN: Optional Automated Slide Gate)**

### PRIMARY SEPARATOR

Comprehensive engineering capabilities allow for the unique computer designed cyclone fitted to your specific application. Designed to provide optimum performance and to keep discharge dust to a minimum. The Separator provides effective separation of dirt and air.

Combined with the separately controlled drop-thru airlock, the Separator contents can be discharged into dumpster or back into your production system. Primary Separator is available with a liner.



### DROP-THRU AIRLOCK

Cast iron precision machined housing for longer life.

Adjustable airlock rotor tips available in:

- Knife Edged Carbon Steel
- Stainless Steel
- Composite Rubber

Electric motor drive for separate start/stop operation.

**Optional:**

- Super Hardened Airlock
- Closed End Rotor Airlock



Walinga's proprietary Central Vac process virtually eliminates dust. In line Cyclone units continuously separate bulk dust, reducing dangerous MEC\* levels.

\* MEC: minimum explosive concentration.

Position multiple drops throughout a facility. If you can pipe to it - you can connect to it!



Diverted dust minimizes harmful particulate environmental emissions. "Clean Air" exhaust also maintains blower longevity.

The Central Vac system maintains vacuum capacity over hundreds of feet permitting one system to manage multiple floor levels and adjoining structures.

Utilize Walinga's Central Vacs to clean up spills and for bulk product reclamation.



Bulk transfer "by air" helps eliminate the potentially lethal combinations of airborne dust and superheated moving parts. Proper housekeeping is essential to reduce dust explosions.

## Food, Plastic, Steel

One or more well planned Central Vac system(s) may be specified to manage larger facilities with multiple drops at convenient locations.

Regardless of facility size, Walinga's Central Vac is perfect for bulk transfer stations, steel mills, bakeries and food processing plants, anywhere you need to reclaim or manage bulk materials.



Workers benefit from a cleaner healthier work environment and small vermin aren't left to feed on otherwise hard to collect pockets of food that can lead to infestation.



**The Benchmark In Product Transfer  
For The Food, Feed and Seed Industries**

Walinga Central Vac Systems continue to evolve, thriving in the most demanding of environments. Vac systems help eliminate or reclaim a facility's dust, debris or spills. Install a system for production line product retrieval, reusing what may have once been considered of no value. Design a multi-floor, multi-drop system for larger installations. Walinga Central Vac Systems feature tried and proven components familiar to all Walinga transfer products.

From steel mills to feed mills, Walinga Central Vac Systems provide low cost, task tailored, product recovery solutions. Committed to delivering the best solutions, Walinga technical representatives maintain a dialogue with new and old clients alike. Field tested client inspired innovations are always evaluated and many will make it to production.



**BOOK AN ON-SITE DEMO**

**Is a Walinga Vac System the right choice for your transfer, dust or product recovery?**

It's easy enough to find out! We'll come to you. A technical representative with a full-functioning Walinga Central Vac System will visit your site, demonstrate the system with your actual bulk product and work with you to develop a system keyed to your specific needs.

**Call your nearest rep to arrange demo!**

**WALINGA.COM**

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