

# INDUSTRIAL ULTRA-VEYOR

WALINGA<sup>®</sup>

Ultra-Veyor



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TOUGH TO BEAT IN THE LONG RUN



**WALINGA®**

# INDUSTRIAL ULTRA-VEYOR

**WALINGA®**  
INC.

**Ultra-Veyor**

## INDUSTRIAL ULTRA-VEYOR

The Walinga ULTRA-VEYOR is the ultimate system for your bulk transferring needs. This push system moves bulk by air, maximizing accessibility for any handling or storage facility. Move your bulk safely without potentially dangerous augers or airborne particulates and dust. ULTRA-VEYOR systems are remarkably efficient and easily maintained with all moving components and service points located on the base unit. The system is usually installed semi-permanently wherever it's needed, but needs can change. Integrated forklift lift points make base unit relocations a breeze.

Walinga ULTRA-VEYORs handle the requirements of most operations with models ranging from 10+ tonnes/hr to 75+ tonnes/hr. Ultra-Veyor Systems are flexible, expandable and easy to install.

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*Ask any WALINGA customer  
and they'll tell you  
"Invest in a WALINGA, the shop  
hand you can trust!"*

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**614 Blower Package**



# YOUR ULTIMATE BULK TRANSFER SYSTEM

WALINGA®

## ALL ULTRA-VEYOR INSTALLATIONS ARE UNIQUE

Do it yourself or ask the experts! Walinga is there to support you. Whether a retrofit or new installation, Walinga offers all the options imaginable to improve your bulk reclamation or transfer needs. It doesn't stop there, don't be afraid to ask for what you don't see, our CAD manufacturing process facilities prompt one-off solutions.

## IT'S ALL IN THE DETAILS

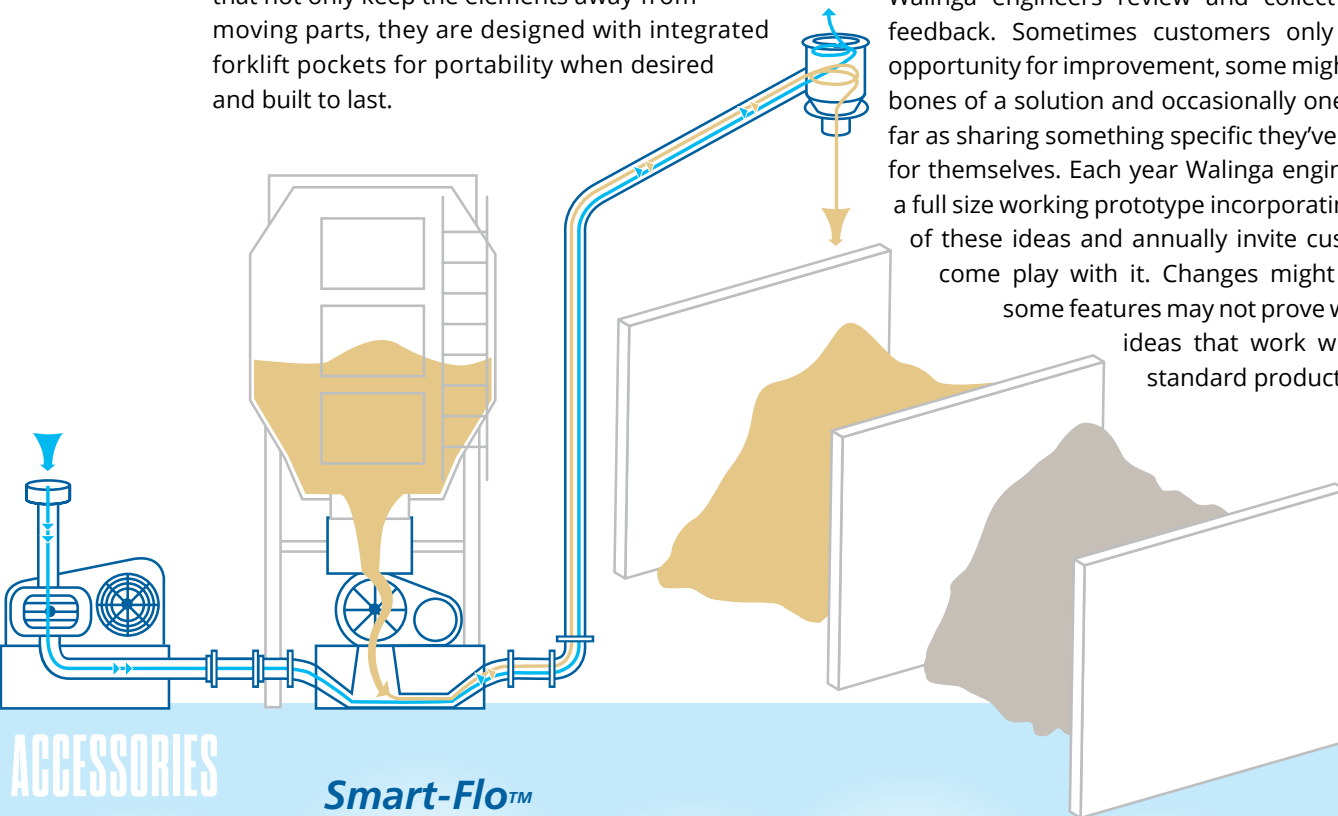
Details like welded heavy-duty steel platforms that not only keep the elements away from moving parts, they are designed with integrated forklift pockets for portability when desired and built to last.

## LEADERS IN PNEUMATIC CONVEYING SYSTEMS

Walinga products are ripe with innovative solutions. When you engage with Walinga, your relationship extends beyond the simple purchase of a Walinga product. Walinga not only listens to their customers, they engage in conversation.

## DID YOU KNOW?

Many standard features start out as customer initiated design projects. Throughout the year Walinga engineers review and collect customer feedback. Sometimes customers only outline a opportunity for improvement, some might offer the bones of a solution and occasionally one will go as far as sharing something specific they've fabricated for themselves. Each year Walinga engineers build a full size working prototype incorporating the best of these ideas and annually invite customers to come play with it. Changes might be made, some features may not prove worthy, but ideas that work will become standard production items.



## ACCESSORIES

### Smart-Flo™

Automatic Air Speed Controller



Airlock Outlet Adapter



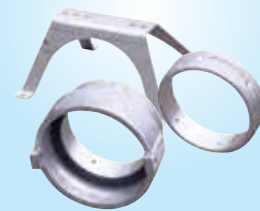
Large Radius Heavy Duty Elbows

Muffler / Silencer



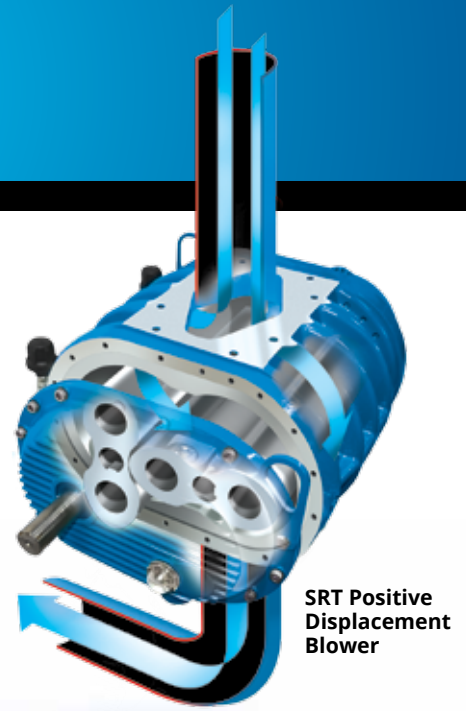
Weather Proof Bin Cyclone

Piping Accessories



## WALINGA SUPER HARDENED SRT BLOWER

Experienced in the manufacturing of feed and bulk commodity handling equipment, Walinga is first for quality. Walinga blowers are fabricated from special alloy castings that facilitate hardening. Walinga's proprietary super hardening process out-performs chrome hardened finishes. The hardening process eliminates premature wear from abrasive dust, ensuring a much longer life than unhardened blowers.



**SRT Positive Displacement Blower**



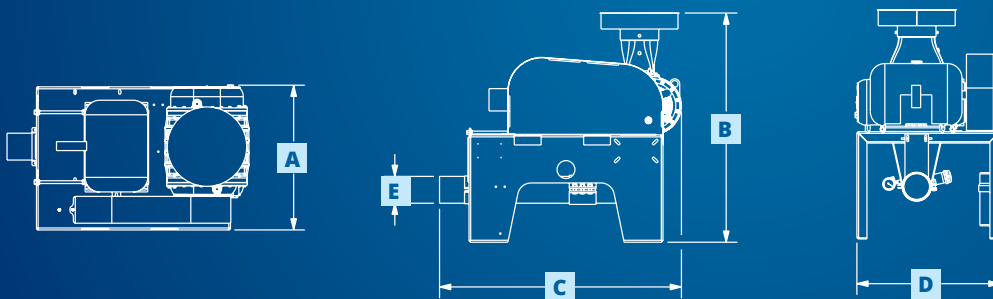
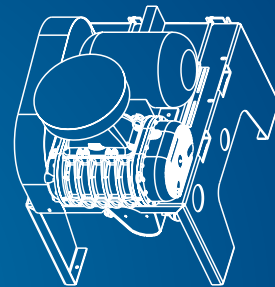
**614 Blower Package**



## Blower Package WEIGHT & DIMENSIONAL SPECIFICATIONS

MODEL	A	B	C	D	E	Weight
510 (4")	31 - 1/2"	34 - 3/4"	53 - 1/8"	31 - 1/2"	4"	985 lbs
510 (5")	31 - 1/2"	34 - 3/4"	53 - 1/8"	31 - 1/2"	5"	995 lbs
614 (5")	32 - 3/8"	51 - 1/4"	54"	32"	5"	1325 lbs
614 (6")	32 - 3/8"	51 - 1/4"	54"	32"	6"	1335 lbs

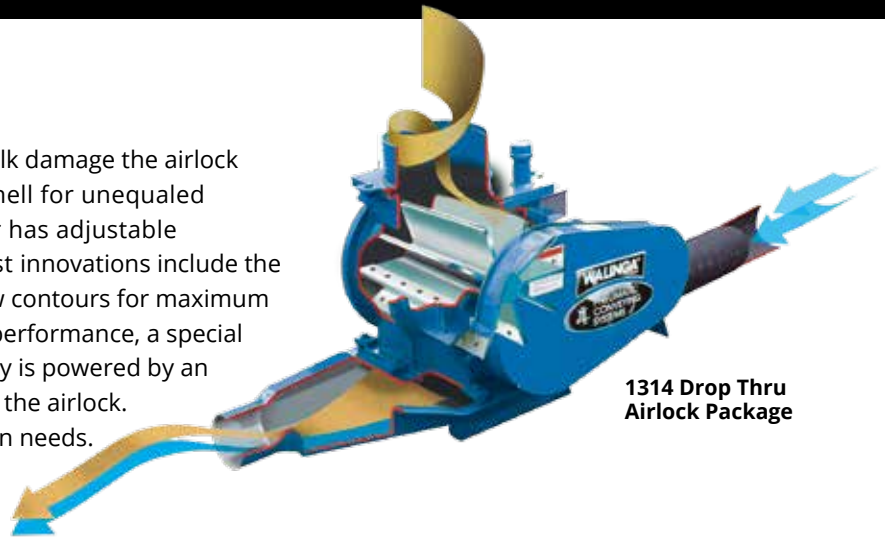
Base model shown, other options may result in changes to size and weight.





## THE WALINGA DROP THRU AIRLOCK

Designed for maximum efficiency and minimal bulk damage the airlock housing is precision machined from a cast iron shell for unequaled performance. The 10 vane fabricated steel rotor has adjustable stainless steel tips for longer life. Walinga's latest innovations include the modification of the inlet and outlet ports with flow contours for maximum capacity. To minimize bulk damage and improve performance, a special rotor wiper levels the pockets. The entire assembly is powered by an electric gear box. A chain drive transfers power to the airlock. Each system can be customized to your production needs.



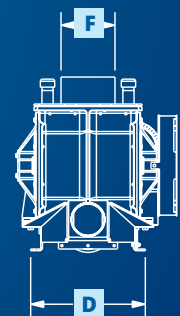
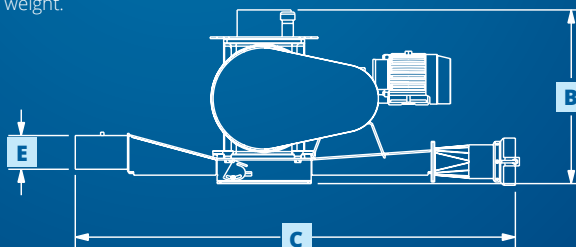
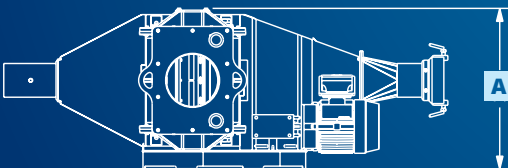
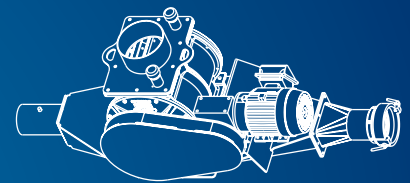
1314 Drop Thru Airlock Package



## Airlock Package WEIGHT & DIMENSIONAL SPECIFICATIONS

MODEL	A	B	C	D	E	F	Weight
1210 (4")	22 - 1/16"	29 - 1/8"	34 - 1/2"	27"	4"	8"	450 lbs
1210 (5")	22 - 1/16"	29 - 1/8"	34 - 1/2"	27"	5"	8"	450 lbs
1314 (4")	23 - 3/4"	25 - 3/4"	65 - 1/4"	17"	4"	8"	660 lbs
1314 (5")	23 - 3/4"	25 - 3/4"	65 - 1/4"	17"	5"	8"	660 lbs
1618 (6")	28 - 1/2"	29 - 3/8"	79 - 1/2"	27"	6"	10"	940 lbs
2018 (7")	28 - 1/2"	29 - 3/8"	79 - 1/2"	27"	7"	10"	940 lbs

Base model shown, other options may result in changes to size and weight.



# BLOWER DISPLACEMENT & CAPACITY SPECIFICATIONS



**510 Blower**



**614 Blower**

## BLOWER DISPLACEMENTS

Size	Disp. (c.f.r)	Press Diff. (p.s.i.)	Speed (r.p.m.)											
			1600		2000		2400		2800		3200		3600	
510	.340	3	433	7.74	569	9.67	705	11.6	841	13.5	977	15.5	1113	17.4
		6	387	15.5	523	19.4	659	23.2	795	27.1	931	30.9	1067	34.8
		9	351	23.2	487	29.0	623	34.8	759	40.6	895	46.4	1031	52.2
		12	321	30.9	457	38.7	593	46.4	729	54.1	865	61.9	1001	69.6
		15					567	58.0	703	67.7	839	77.4	975	87.0
614	.685	3	882	15.6	1156	19.5	1430	23.4	1704	27.3	1978	31.1	2252	35.0
		6	794	31.2	1068	39.0	1342	46.8	1616	54.5	1890	62.1		
		9	726	46.8	726	58.4	1274	70.1	1548	81.8	1822	93.2		
		12	669	62.3	943	77.9	1217	93.5	1491	109	1765	124.3		
		15	618	77.9	892	97.4	1166	117	1440	136	1714	155.3		

\*Due to continuous product development, specifications are subject to change without notice.



**One Piece Unit**

## CAPACITY SPECIFICATIONS

Model	Motor hp/phase	Blower model/cfm	Airlock model	Line Size	Capacity* tonnes/hr
4510UV10-1PC	10 / 1	510 / 450	1210	4" (100mm)	13.3
4510UV15-1PC	15 / 1	510 / 500	1210	4" (100mm)	17.5
4510UV20-1PC	20 / 3	510 / 650	1210	4" (100mm)	21
4510UV10	10 / 1	510 / 500	1314	4" (100mm)	13.3
4510UV20	20 / 3	510 / 650	1314	4" (100mm)	21.0
5510UV30	30 / 3	510 / 800	1314	5" (125mm)	29.3
5614UV40	40 / 3	614 / 900	1314	5" (125mm)	34.7
5614UV50	50 / 3	614 / 1050	1314	5" (125mm)	40.0
6614UV60	60 / 3	614 / 1200	1618	6" (150mm)	48.0
6614UV75	75 / 3	614 / 1400	1618	6" (150mm)	56.0
7614UV100	100 / 3	614 / 2000	2018	7" (178mm)	75

\*Capacities based on moving dry corn approximately 100' (30.4m). Barometric pressure, humidity, and condition of product will affect capacity. Due to continuous product development, specifications are subject to change without notice.





## Smart-Flo™

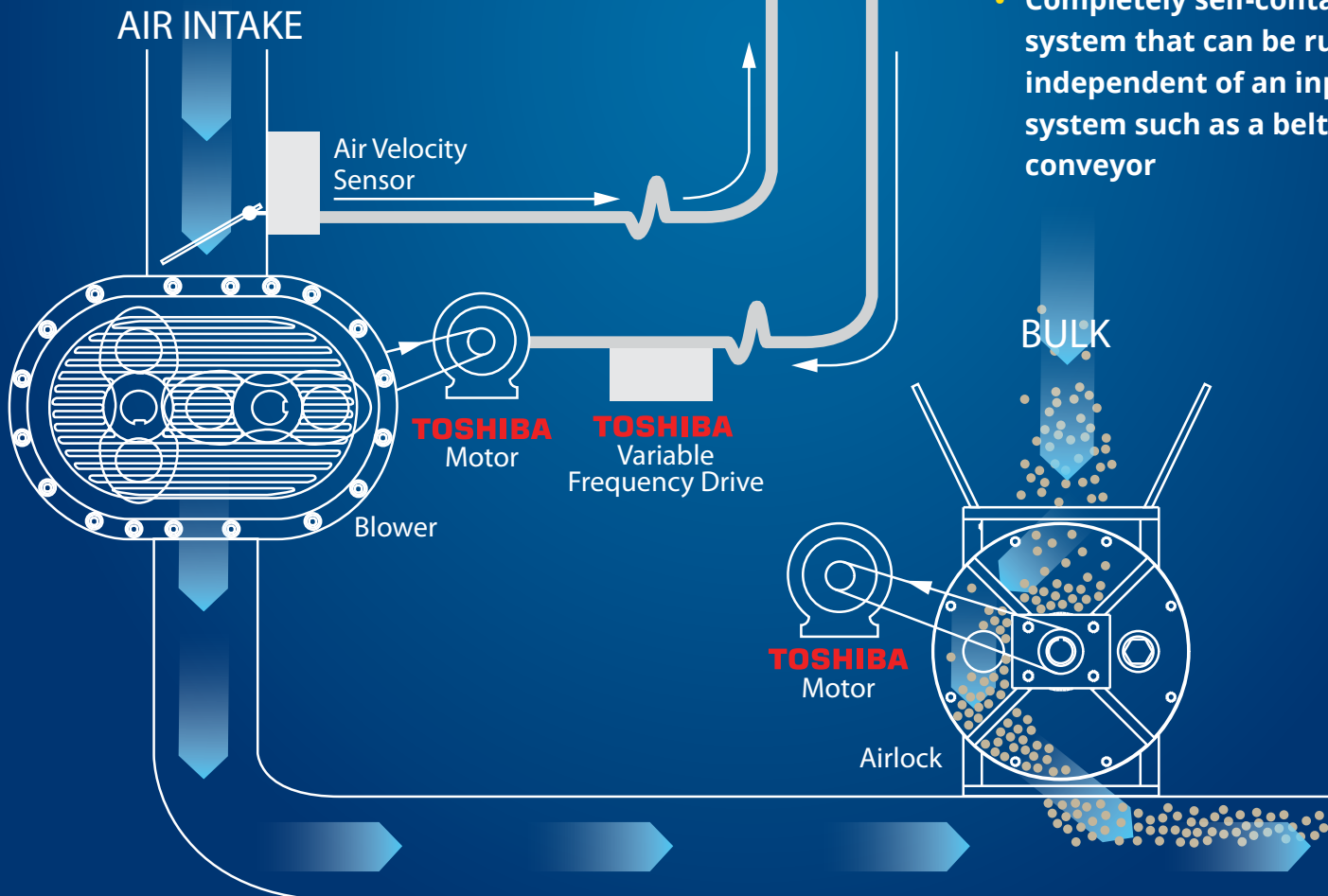
Smart-Flo™ Variable Frequency Drive Systems monitor and automatically adjust motor speeds, optimizing performance while reducing energy costs and bulk damage.

- Reduces product damage
- Equipped with a sensor and PLC that continually monitor the system, adjusting air speeds to maximize transfer capacity

### Smart-Flo™ Control Panel



- Automatically adjusts blower speeds to maintain bulk integrity and reduce energy costs
- Can be customized to be installed with any common programmable VFD
- Completely self-contained system that can be run independent of an input system such as a belt conveyor



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# YOUR ULTRA-VEYOR GROWS AS YOU GROW

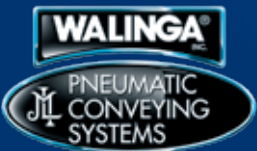
It's always nice to plan ahead and avoid expensive upgrades. The Walinga Ultra-Veyor system is so flexible, easy to install or retro-fit that you can add to your system as your business grows. Choose from an extensive selection of options and specifications to perfectly match your current business demands and keep those hard earned dollars in your pocket.

## SAFETY

The Ultra-Veyor moves bulk product virtually dust and damage free without the use of heavy augers or booms. Maintenance is performed easily at ground level with simple access to all filters, belts and lubrication points.

*Fertilizer Plant in  
Southwestern Ontario*

WALINGA.COM



### Head Office

R.R. #5,  
Guelph, Ontario  
Canada N1H 6J2  
Tel: 519.824.8520  
Tel: 888.925.4642  
Fax: 519.824.5651

### Michigan

1190 Electric Ave.  
Wayland, Michigan  
USA 49348  
Tel: 616.877.3470  
Tel: 800.466.1197  
Fax: 616.877.3474

### Manitoba

70 3rd Ave. N.E.  
Box 1790  
Carman, Manitoba  
Canada R0G 0J0  
Tel: 204.745.2951  
Fax: 204.745.6309

### Ontario

938 Glengarry Cres.  
Fergus, Ontario  
Canada N1M 2W6  
Tel: 519.787.VACS (8227)  
Fax: 519.787.8210