

# AG DUTY ULTRA-VEYOR



**WALINGA®**  
TOUGH TO BEAT IN THE LONG RUN

**WALINGA®**

# AG DUTY ULTRA-VEYOR



## 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.

## THE WALINGA ULTRA-VEYOR

is the ultimate system for your grain transferring needs. This system moves grain by air, maximizing accessibility for any drying or storage facility. Move your grain safer and easier, without elevator legs or portable augers. Move your grain with minimal maintenance, with all the working components on the ground!

Walinga Ultra-Veyors can handle the requirements of most operations with models ranging from 400 bu/hr to 2100 bu/hr. These 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  
farm hand you can trust!"***

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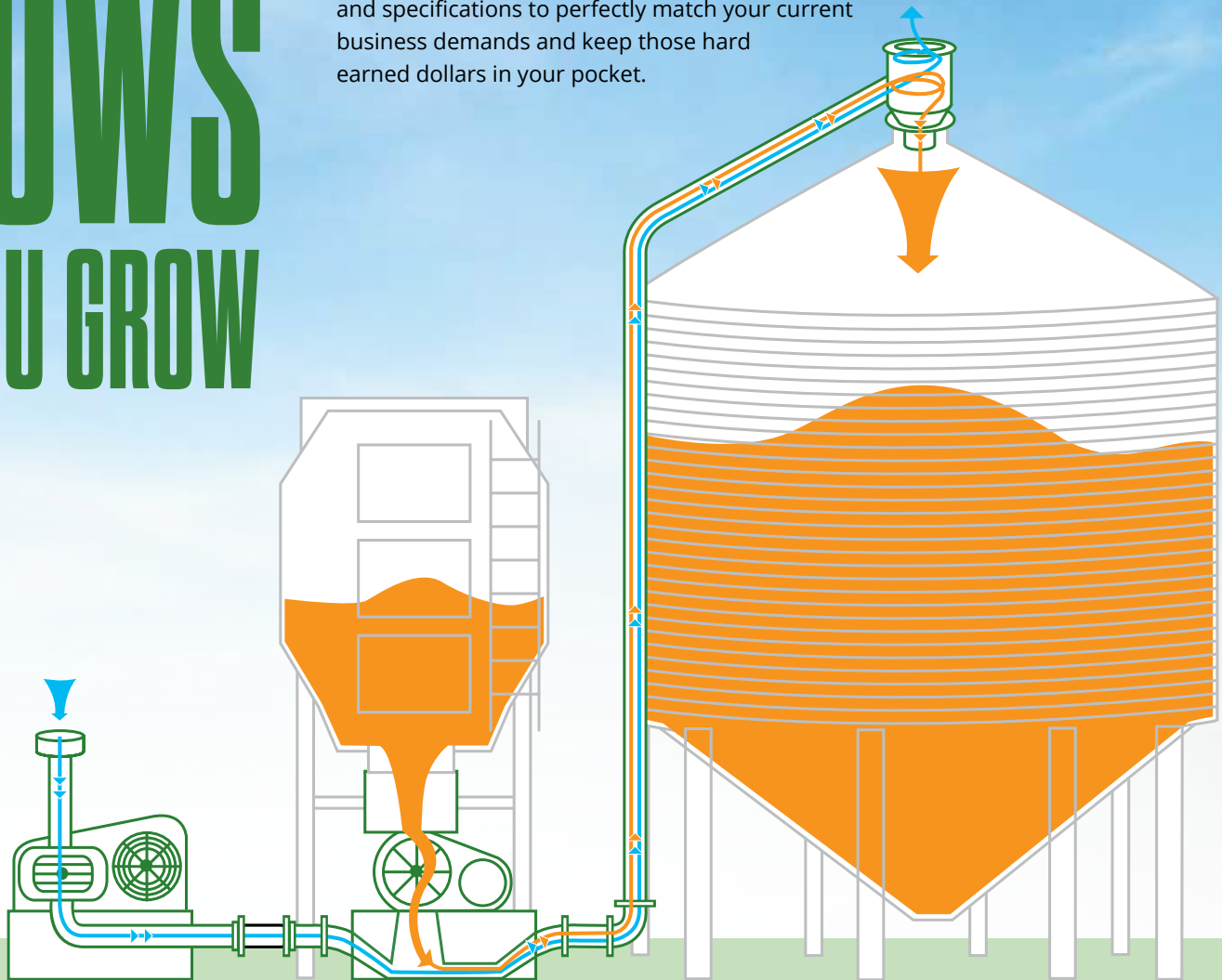


# YOUR ULTIMATE BULK TRANSFER SYSTEM

WALINGA®

## 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.



## ACCESSORIES

**Smart-Flo™**  
Automatic Air  
Speed Controller



Muffler / Silencer



Piping Accessories



Airlock Outlet Adapter



Large Radius  
Heavy Duty Elbows



Weather Proof  
Bin Cyclone

## Smart-Flo™

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

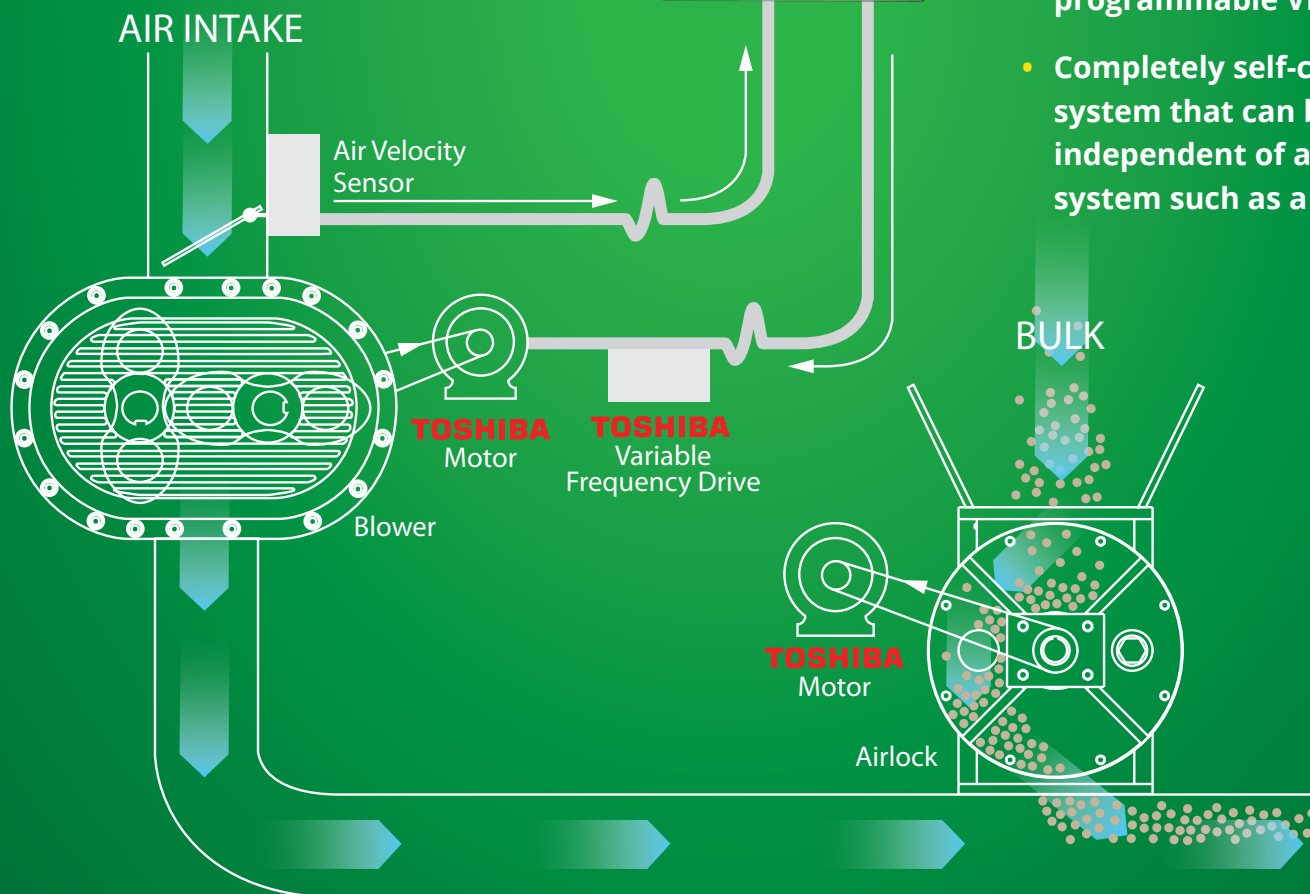
- Reduces product damage
- Equipped with a sensor and PLC that continually monitor the system, adjusting air speeds to maximize transfer capacity

### 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 grain dryer



# YOUR ULTIMATE BULK TRANSFER SYSTEM

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## CUSTOM SPECIFY YOUR ULTIMATE BULK TRANSFER SYSTEM

Design your own or ask the experts at Walinga to create the perfect solution for your new or retro-fit installation. Walinga offers all the options imaginable to improve your bulk transferring 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.

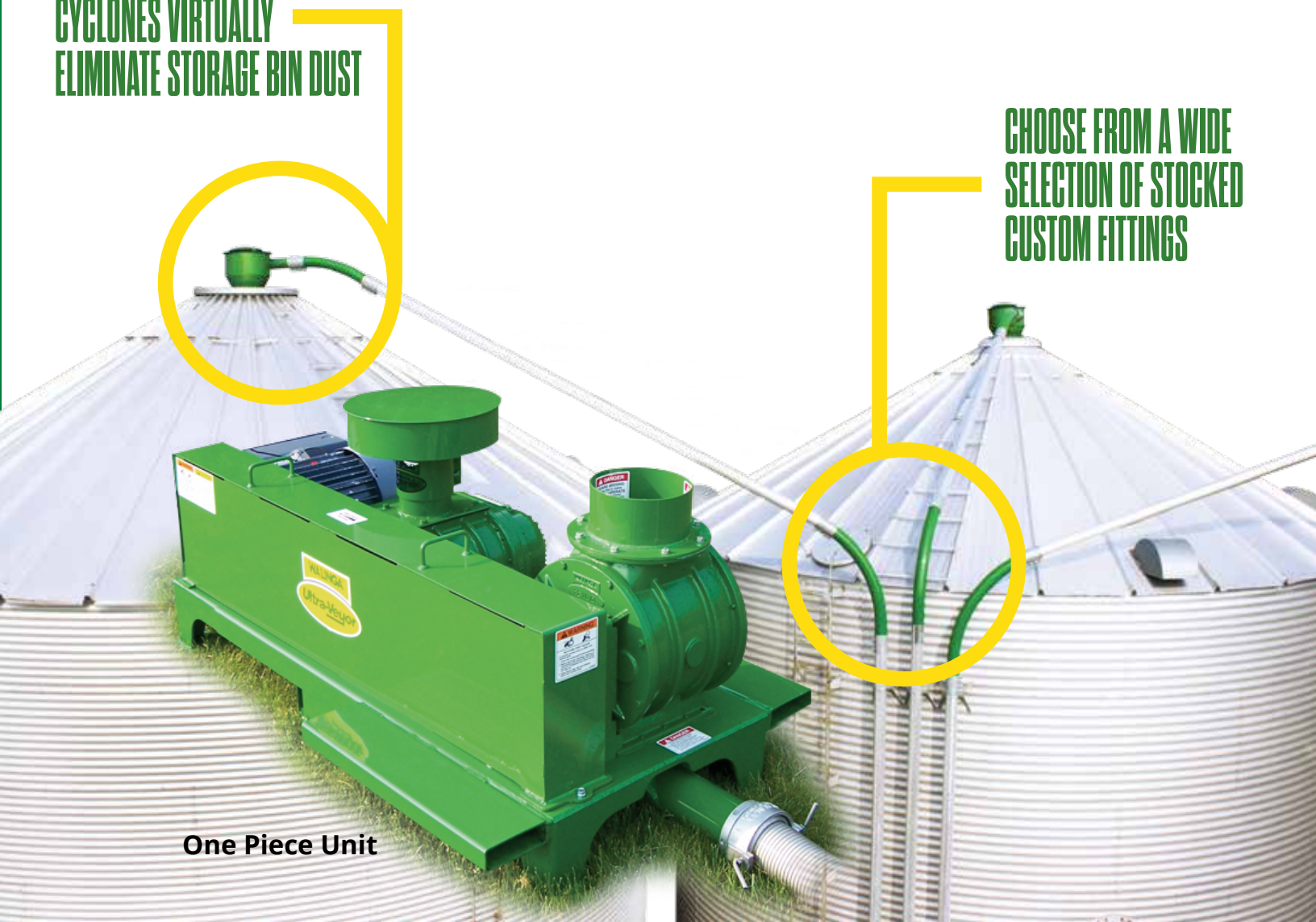
### SAFETY

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.

**CYCLONES VIRTUALLY  
ELIMINATE STORAGE BIN DUST**

**CHOOSE FROM A WIDE  
SELECTION OF STOCKED  
CUSTOM FITTINGS**

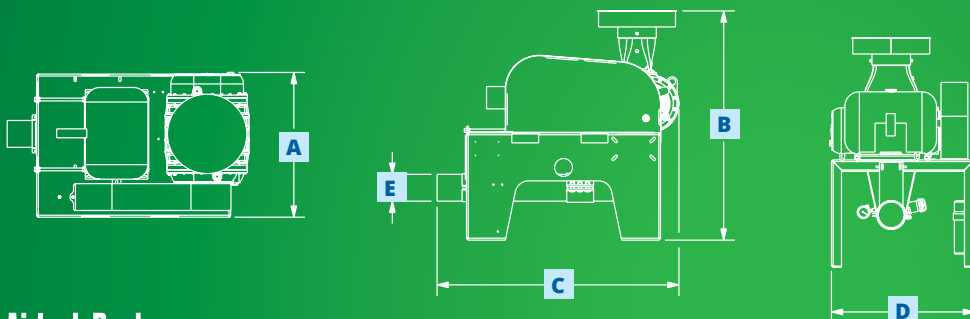
**One Piece Unit**



## Blower Package WEIGHT & DIMENSIONAL SPECIFICATIONS

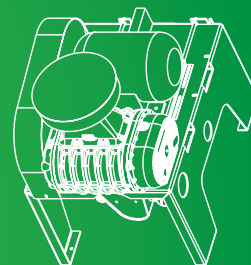
| MODEL    | A         | B         | C         | D         | E  | Weight   |
|----------|-----------|-----------|-----------|-----------|----|----------|
| 510 (4") | 31 - 1/2" | 34 - 3/4" | 53 - 1/8" | 31 - 1/2" | 4" | 985 lbs  |
| 510 (5") | 31 - 1/2" | 34 - 3/4" | 53 - 1/8" | 31 - 1/2" | 5" | 995 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.



## WALINGA SUPER HARDENED SRT BLOWER

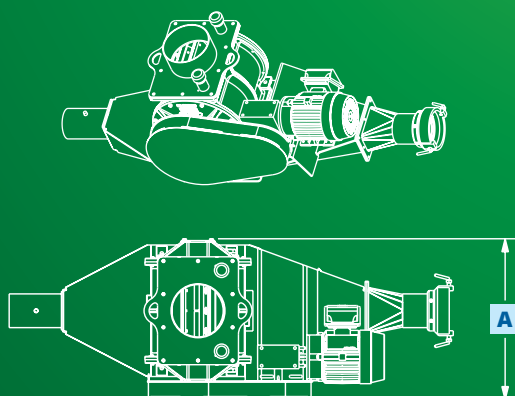
Experienced in the manufacturing of feed and grain handling equipment, Walinga is first for quality. Walinga blowers are fabricated from special alloy castings that facilitate hardening. Walinga's proprietary super hardening process out-performs chrome hardened finishes. The hardening process eliminates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



## Airlock Package WEIGHT & DIMENSIONAL SPECIFICATIONS

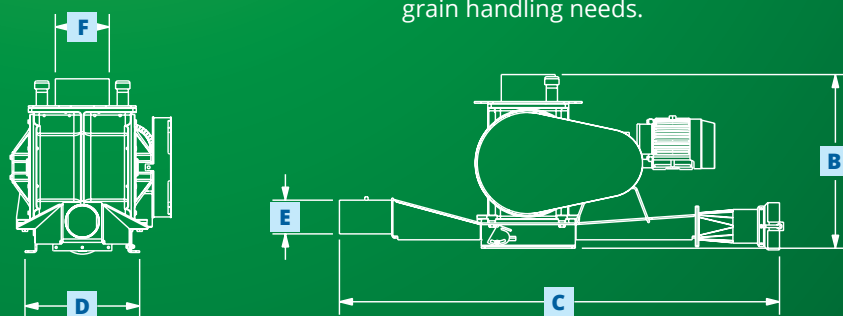
| MODEL     | A          | B         | C         | D   | E  | F   | Weight  |
|-----------|------------|-----------|-----------|-----|----|-----|---------|
| 1210 (4") | 22 - 1/16" | 29 - 1/8" | 34 - 1/2" | 27" | 4" | 8"  | 450 lbs |
| 1210 (5") | 22 - 1/16" | 29 - 1/8" | 34 - 1/2" | 27" | 5" | 8"  | 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.



## THE WALINGA DROP THRU AIRLOCK

Designed for maximum efficiency and minimal grain damage the housing is precision machined from a cast iron shell for unequalled performance. The 10 vane fabricated steel rotor has hardox steel adjustable 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 grain damage, a special rotor wiper levels the pockets. The entire assembly is driven by an electric driven gear box with chain drive to airlock so that each system can be customized to fit your grain handling needs.



# BLOWER DISPLACEMENT & CAPACITY SPECIFICATIONS

WALINGA®

## 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.



## CAPACITY SPECIFICATIONS

| Model        | Motor<br>hp/phase | Blower<br>model/cfm | Airlock<br>model | Line Size  | Capacity*  |           |
|--------------|-------------------|---------------------|------------------|------------|------------|-----------|
|              |                   |                     |                  |            | bushels/hr | tonnes/hr |
| 4510UV10-1PC | 10 / 1            | 510 / 450           | 1210             | 4" (100mm) | 524        | 13.3      |
| 4510UV15-1PC | 15 / 1            | 510 / 500           | 1210             | 4" (100mm) | 689        | 17.5      |
| 4510UV20-1PC | 20 / 3            | 510 / 650           | 1210             | 4" (100mm) | 827        | 21        |
| 4510UV10     | 10 / 1            | 510 / 500           | 1314             | 4" (100mm) | 524        | 13.3      |
| 4510UV20     | 20 / 3            | 510 / 650           | 1314             | 4" (100mm) | 827        | 21        |
| 5510UV30     | 30 / 3            | 510 / 800           | 1314             | 5" (125mm) | 1153       | 29.3      |
| 5614UV40     | 40 / 3            | 614 / 900           | 1314             | 5" (125mm) | 1366       | 34.7      |
| 5614UV50     | 50 / 3            | 614 / 1050          | 1314             | 5" (125mm) | 1575       | 40        |
| 6614UV60     | 60 / 3            | 614 / 1200          | 1618             | 6" (150mm) | 1890       | 48        |
| 6614UV75     | 75 / 3            | 614 / 1400          | 1618             | 6" (150mm) | 2205       | 56        |
| 7614UV100    | 100 / 3           | 614 / 2000          | 2018             | 7" (178mm) | 2953       | 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.

# YOUR ULTIMATE BULK TRANSFER SYSTEM

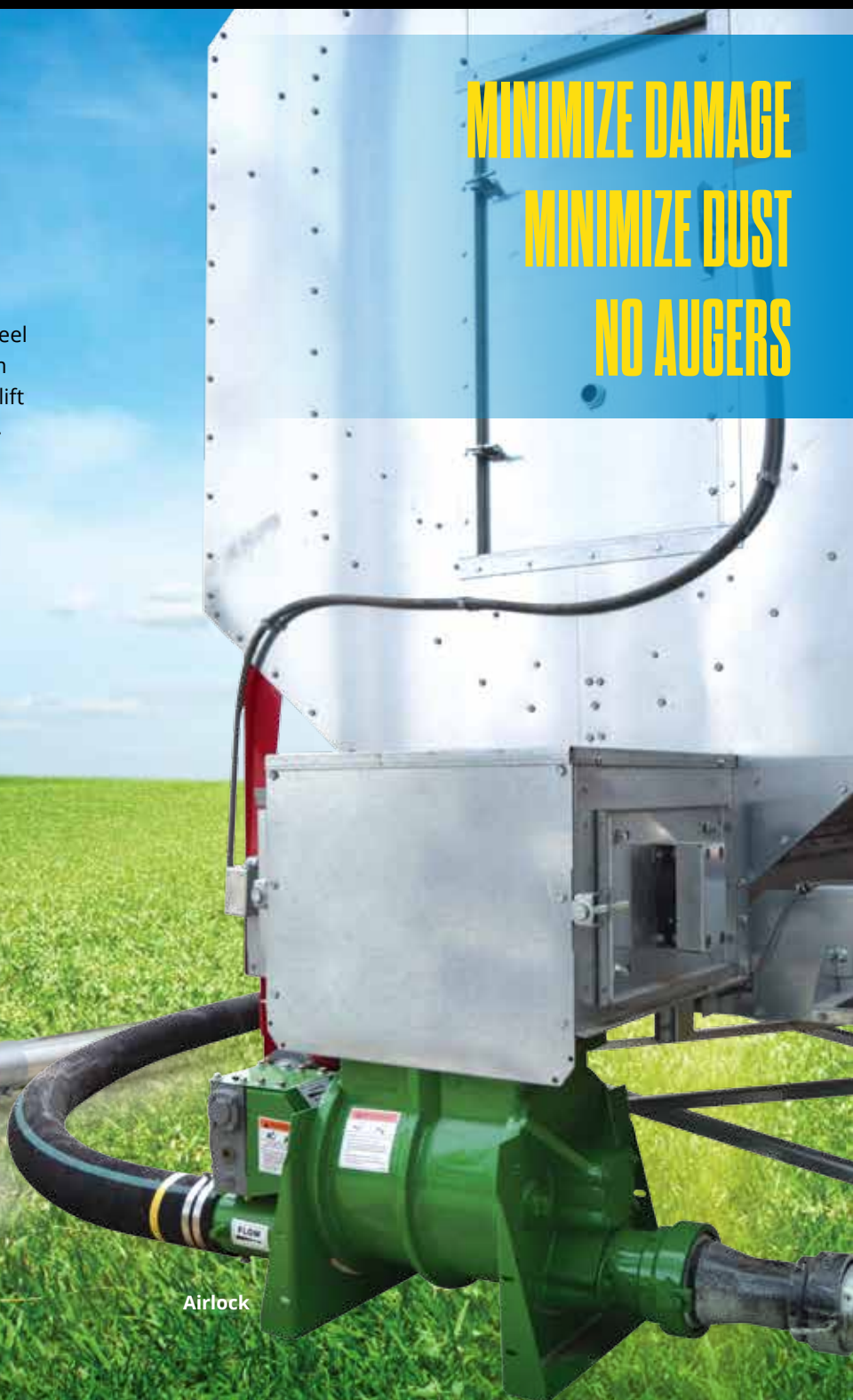
## BUILT TO WITHSTAND THE ELEMENTS

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.

MINIMIZE DAMAGE  
MINIMIZE DUST  
NO AUGERS

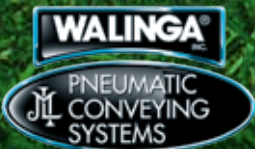


Blower Package



Airlock

**WALINGA®.COM**



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