

SALFORD

VALMAR

AIR BOOM APPLICATORS

SALFORD



INNOVATORS IN APPLICATION TECHNOLOGY

Valmar™, a division of Salford Group Inc., leads the way in designing and manufacturing advanced granular applicators for fertilizers, herbicides, insecticides, seeds, inoculants, and forage preservatives. Trusted by farm producers, commercial operators, and agricultural researchers, our products deliver unmatched precision and reliability.

The story of Valmar began in 1977 with Charles Balmer, whose vision introduced the groundbreaking Airflo technology, born from his custom application business in the mid-1970s. In 2015, Valmar Airflo Inc. joined Salford Group, continuing our legacy of innovation.

Valmar has also engineered and licensed Airflo applicators, produced and sold under license by leading companies like AGCO®, Ag Chem®, LOR*AL®, and Willmar®. Our commitment to innovation keeps us at the forefront of agricultural technology.



TABLE OF CONTENTS

AB640 Pull-Type Air Boom	4
9620 Pull-Type Air Boom	8
8700 Pull-Type Air Boom	10
8600 Pull-Type Air Boom	12
5500 Pull-Type Air Boom	14
246 Pull-Type Granular Applicators	16
56 & 56N Series Mounted Granular Applicators	18
Ferti-GO 4S Planter Mounted Applicators	22
ST Series Strip Till Granular Applicators	24
Pathfinder Self-Steering Cart	28

AB640

PULL-TYPE AIR BOOM

The AB640 revolutionizes broad-acre farming with unmatched efficiency and reliable performance. Its 90-foot boom delivers 25% wider coverage than Salford's next-leading air boom applicator, enabling you to cover more acres per hour while reducing compaction to boost yields.

A restructured hopper enhances weight distribution, reducing wear and improving operator comfort. The micro-bin, now 66% larger, minimizes refill stops, saving valuable time. Hydraulic motors replace electric clutches for secondary metering, offering greater durability and ease of use. Advanced features like Raven's AutoBoom XRT system ensure precise application, even on rolling terrain. Maintenance is simplified with a centralized grease bank, saving time and making the AB640 exceptionally user-friendly.

With improved yields, faster operation, fewer refill stops, and reduced maintenance time, the AB640 delivers exceptional productivity and efficiency—providing a strong return on investment for broad-acre crop producers.

AB640 BENEFITS

- Fewer passes
- Less compaction
- More acres per hour
- Fewer labor hours
- Lower fuel consumption
- Easier to hit optimal application timing
- Reduction in tractor engine hours and maintenance
- Opportunity to run slower and still get more done
- Speed up seeding operations by reducing fertilizer load on carts

AB640 VS LEADING CHASSIS MOUNT AIR BOOM OVER 1/4 SECTION

	OTHER AIR BOOMS	AB640	THE RETURN
Application width	70 feet	90 feet	
Capacity	340 cubic feet	640 cubic feet	
Speed	14 mph	14 mph	
Number of Passes	38	30	
Fill Stops	1	0	
Estimated Time	2 hour 10 minutes	1 hour 30 minutes	
			✓ 8 Passes Saved
			✓ 21% less compaction**
			✓ 264 Additional acres per day**
			✓ 40 Minutes of time saved
			✓ 0 Fill stops*

Figures based on application of 1/4 section, or 160 acres, except for acres per day. *Fill stops based on 260lbs/acre with 65 lb density ** Compaction - with 8 fewer passes the AB640 touches 21% less ground. ** Based on an 8 hour day. Accounting for applicator speed and fill stops. 75% efficiency to account for turns and slow downs.

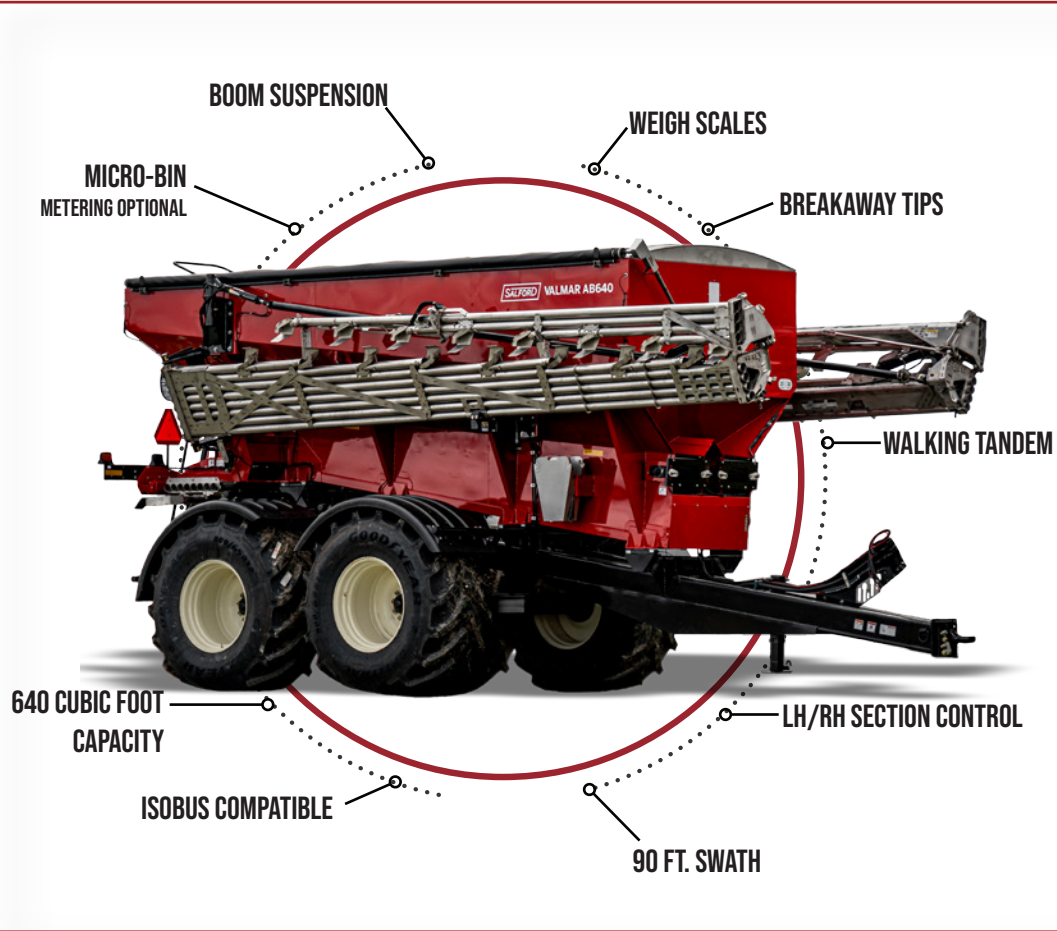
AB640

PULL-TYPE AIR BOOM



UNIQUE FEATURES

- 90-foot boom constructed from 304 stainless steel
- Hydraulic boom suspension with 7-foot breakaway boom tips and 78.5-inch boom height from ground level for less ground strikes in rolling terrain
- 640 cubic foot hopper with a secondary micro hopper
- Raven RCM ISOBUS compatible variable rate and left/right section control*
- Keep products like coated urea and sulfur in separate compartments to increase their effectiveness
- Maximum flotation and high-speed travel with 20-ton walking beam suspension and 800/65R32 tires
- 104-inches of vertical travel (52 up, 52 down) support event application in hilly terrain



AB640

HOPPER

- 640 cubic foot total capacity - 540 cubic feet main, 100 cubic feet secondary with partition gate closed
- Painted, 409 stainless steel
- Electric roll tarp installed
- Rear ladder and platform, 2nd hideaway access ladder
- Fill screens to access hopper(s)
- Work lights

BOOMS

- 90-foot spread / 304 stainless steel / hydraulic fold
- Hydraulic boom suspension w/accumulator
- 7-foot breakaway tips – hydraulic fold
- Hydraulic boom tip manual height control
- 104-inches of vertical travel (52 up, 52 down)

METERING SYSTEM

- Independent Left/Right PWM Motor Control
- 304 stainless steel funnels & air manifold
- Calibration chutes
- (Main) Left hand/right hand independently driven 16 inch 304 stainless steel mesh conveyors, hydraulic meter motors (one per conveyor) 2-section control
- (Secondary) Hydraulic drive dual meter rollers for left hand/right hand on/off

FAN

- 8-inch Crary hydraulic direct drive fan
- 8-inch outlet direct to air manifold

CHASSIS

- 20-ton walking beam undercarriage
- 4 x 800/65R32 flotation tires with fenders

HYDRAULIC REQUIREMENT

- Tractor supplied
- 60 gpm @ 2800 psi min
- Case drain for fan
- 3 hydraulic remotes

EXTRA OPTIONS

- Integrated ISOBUS scale kit (for ISOBUS displays)
- ISOBUS controls for left hand/right hand on/off section control for use with 3rd party ISOBUS cab consoles, utilizing prescription mapping (i.e. John Deere 2630™, Case IH Pro 700™, Raven Viper 4+, etc.)
- *Does not include cab display

9620

PULL-TYPE
AIR BOOM



COMBINING AIR BOOM PRECISION WITH HIGH CAPACITY EFFICIENCY

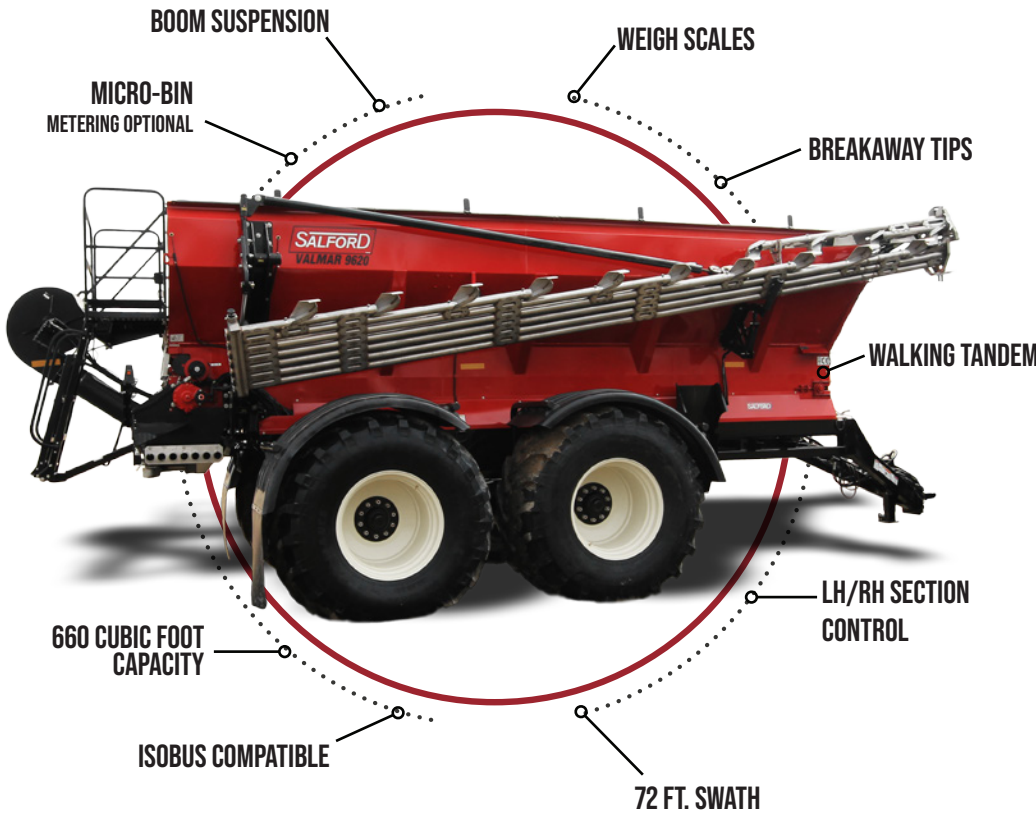
The 9620's 660 cubic foot capacity is designed to reduce fill stops. The heavy duty 20-ton walking beam suspension carries the load with confidence at high speed. In many conditions operators can apply more than 100 acres per hour.

The 72-foot boom helps cover acres quickly as the hydraulic suspension ensures boom stability. The booms can be hydraulically raised and lowered up to a total of 8 feet at the tip, allowing the 9620 to contour the ground for the most accurate application. Prior to leaving the factory, all air booms are factory calibrated and certified to ensure accuracy of the target application rate on each side of the machine.

The 9620's speed, precision, capacity, and value make it an economical alternative for self-propelled air boom units.

UNIQUE FEATURES

- 72-foot boom constructed from 304 stainless steel
 - Hydraulic boom suspension with 7-foot breakaway boom tips and 58-inch boom height from ground level to follow terrain
 - 660 cubic foot total capacity with 60 cubic foot micro bin, secondary metering optional
- IOBUS compatible variable rate and left/right section control*
 - Keep products like coated urea and sulfur in separate compartments to increase their effectiveness
 - Maximum flotation and high-speed travel with 20-ton walking beam suspension and 800/65R32 tires



9620

HOPPER	<ul style="list-style-type: none">• 660 cubic foot total capacity - 600 cubic feet main, 60 cubic feet secondary with partition gate closed• Painted, 409 stainless steel• Electric roll tarp installed• Rear ladder and platform• Fill screens with access doors to hopper(s)• Work lights
BOOMS	<ul style="list-style-type: none">• 72-foot spread / 304 stainless steel / hydraulic fold• Hydraulic boom suspension w/accumulator• 7-foot breakaway tips – hydraulic fold• Hydraulic boom tip manual height control
METERING SYSTEM	<ul style="list-style-type: none">• Independent Left/Right PWM Motor Control• 304 stainless steel funnels & air manifold• Calibration chutes• (Main) Left hand/right hand independently driven 16 inch 304 stainless steel mesh conveyors, hydraulic meter motors (one per conveyor) 2-section control• (Secondary) Dual meter rollers with electric clutch for left hand/right hand on/off - single hydraulically driven motor
FAN	<ul style="list-style-type: none">• 17-inch S3 hydraulic direct drive fan• 9-inch outlet direct to air manifold
CHASSIS	<ul style="list-style-type: none">• 20-ton walking beam undercarriage• 4 x 800/65R32 flotation tires with fenders
HYDRAULIC REQUIREMENT	<ul style="list-style-type: none">• Tractor supplies• 30 gpm @ 2800 psi min• Case drain for fan• 3 hydraulic remotes
EXTRA OPTIONS	<ul style="list-style-type: none">• Digi-Star Scale Link• Integrated ISOBUS scale kit (for ISOBUS displays)• ISOBUS controls for left hand/right hand on/off section control for use with third party ISOBUS cab consoles, utilizing prescription mapping (i.e. John Deere 2630™, Case IH Pro 700™, Raven Viper 4+, etc.)• *Does not include cab display

8700

PULL-TYPE
AIR BOOM



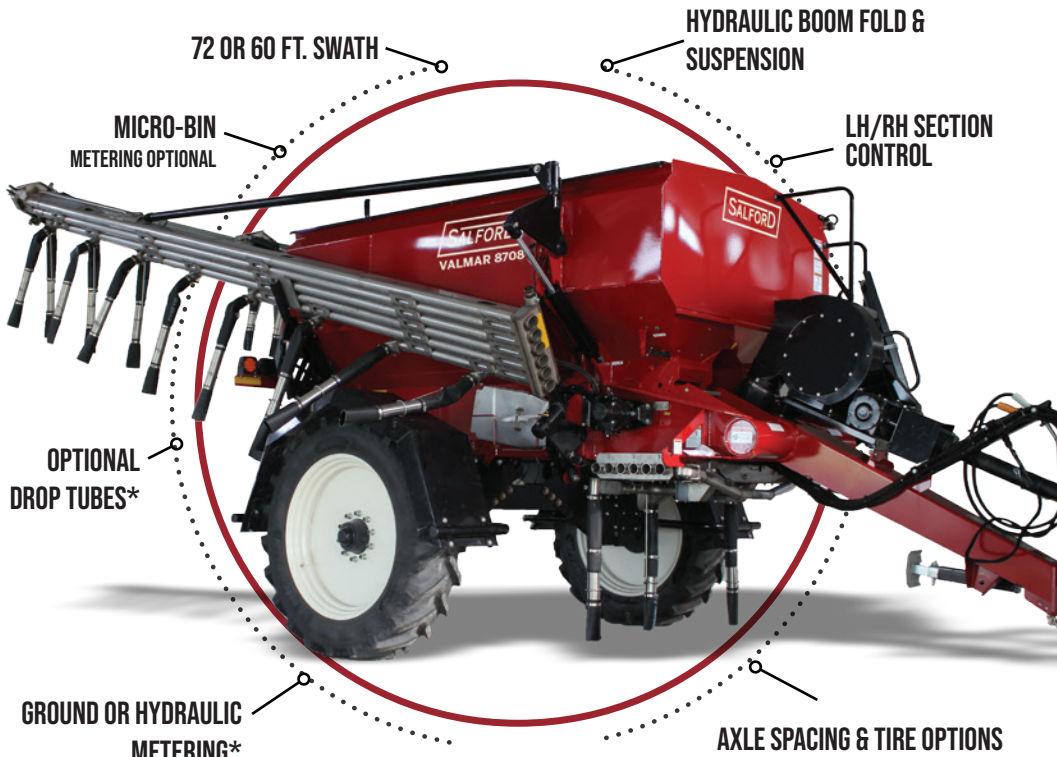
HIGH-SPEED, HIGH-ACREAGE, HIGH-ACCURACY APPLICATOR

Either 72 feet of swath, or 60 feet of row crop application, capable of delivering up to 1000 lbs/acre of 60 lb product at 8 mph. The highly accurate Venturi metering system is simple to calibrate and easy to operate allowing anyone to take to the field with the 8700. A secondary hopper compartment and optional secondary metering allows for the application of lower rate granular herbicides and micronutrients alongside your granular fertilizer. The 8700 is capable of variable rate application and left / right section control. Optional ISOBUS compatible ECU options allow the 8700 to follow prescription maps from many leading terminals.

HYDRAULIC REQUIREMENTS

GROUND DRIVE*	HYDRAULIC DRIVE
<ul style="list-style-type: none">Minimum pressure required: 2800-2900 psi - 21 gpm6 remotes required for PTO fan (7 for hydraulic fan)<ul style="list-style-type: none">1 set for boom folding and unfolding1 set for shut off of RH fertilizer metering1 set for shut off of LH fertilizer metering1 set for LH boom suspension1 set for RH boom suspensionJoystick option: 3 remotes required for PTO fan (4 for hydraulic fan)	<ul style="list-style-type: none">Minimum pressure required: 2800 - 2900 psi - 30 gpm4 remotes required for PTO fan (5 for hydraulic fan)*<ul style="list-style-type: none">1 set for boom folding and unfolding1 set for metering (chain drive hydraulics)1 set for LH boom suspension1 set for RH boom suspension1 set for hydraulic fanJoystick option: 2 remotes required for PTO fan (3 for hydraulic fan)

*only available on 8708 models



*only available on 8708 models

	8700
HOPPER	<ul style="list-style-type: none">8708 - 8 ton / 260 cubic foot (60 ft. row crop only)8711 - 11 ton / 357 cubic foot (72 ft. only)Secondary hopper split & 60 cubic foot secondary metering drive optional409 stainless steel paintedHopper screenRoll tarp installed
BOOMS	<ul style="list-style-type: none">72-foot spread width(8711 only) or 60 foot (8708 only) row crop boom with 30 inch on center outletsFully hydraulic folding, including boom tipsUpdated suspension with stability at high speeds, and hydraulically controlled pitch adjustment for uneven grounds304 stainless steel constructionBreakaway tips3-inch diameter tubes (6 per side)25 outletsOptional drop tube kit for 60-foot boom, with fenders
PRIMARY METERING	<ul style="list-style-type: none">(2) 14 inch, 304 stainless steel conveyor chainsMaximum rates 1000 lbs/acre at 8 mphGround Drive Metering available on 8708Hydraulic Drive MeteringISOBUS section control kit*Independently driven hydraulic left/right hand main metering.For use with 3rd party ISOBUS cab consoles utilizing prescription mapping (I.e. John Deere 2630™, Case IH Pro 700™, etc.)
SECONDARY METERING	<ul style="list-style-type: none">(2) 14-inch, 28 groove metering rollersHYDRAULIC DRIVE(Secondary) Hydraulic drive dual meter rollers for left hand/right hand on/off
CHASSIS	<ul style="list-style-type: none">72 to 88-inch adjustable axleWheel Center:<ul style="list-style-type: none">Row Crop 72" – 88"Floataion 82" – 98"Optional 120-inch axle (standard with 60 foot boom)Optional Digi-Star scale kit
FAN	<ul style="list-style-type: none">17 inch impeller operates at 4700 RPMRequires 21 GPM operating at 2800 PSIPTO fan drive1000 RPM CV, 1 3/8 or 13/4 inch 21 spline drive lineOptional hydraulic fan drive16 CC motor, direct drive
EXTRA OPTIONS	<ul style="list-style-type: none">8708- 750/65R26 R1 Floataion8708- 380/80R38 Row Crop8711- 800/65R32 R1 Floataion8711- 380/90R46 173D Row CropJoystick Control

8600

PULL-TYPE
AIR BOOM



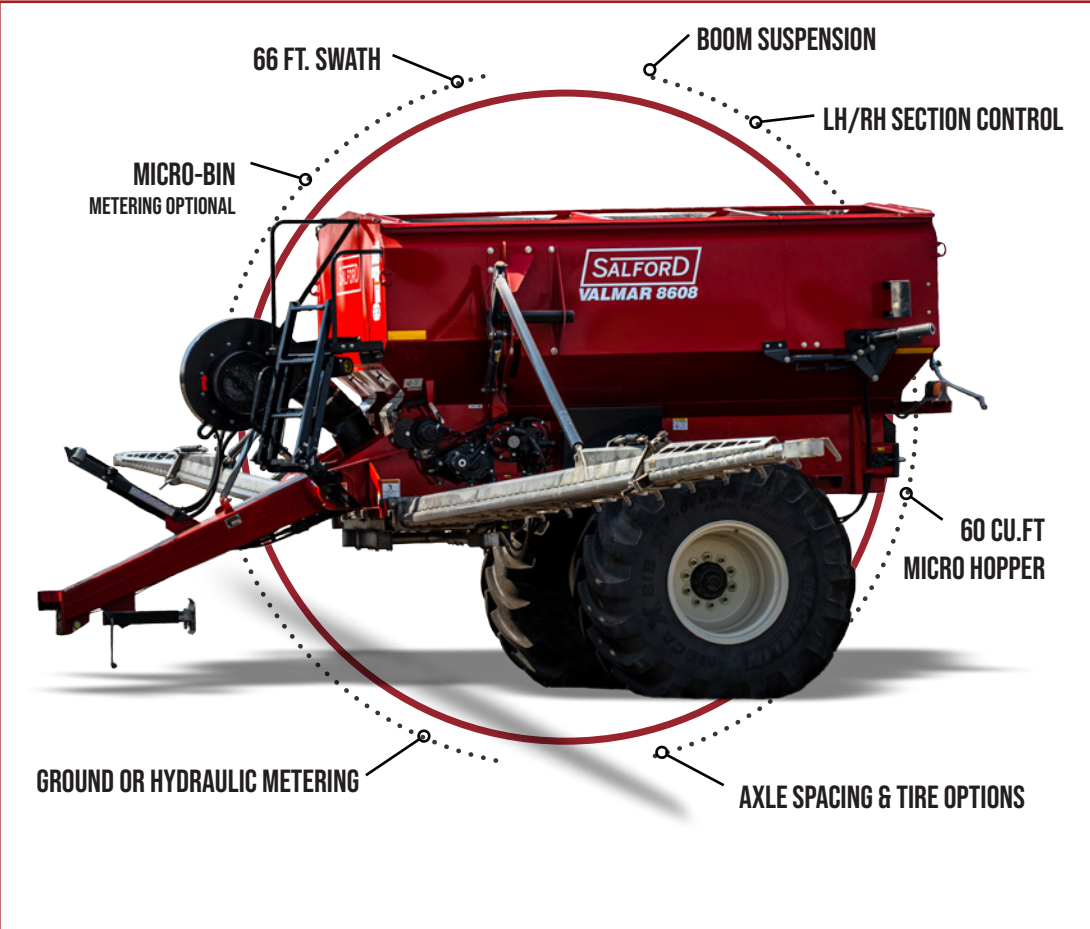
HIGH-CAPACITY, HIGH-RATE, HIGH-SPEED **APPLICATOR**

Equipped with the highly precise Venturi metering system, the 8600 is capable of delivering up to 1000 lbs/acre of 60lb product while traveling at 8 mph. The applicator has a 66-ft stainless steel broadcast boom with rubber torsion suspension and 7-ft breakaway tips. The metering system is straightforward to calibrate and operate, enabling anyone to use the 8600 with ease.

The 8600 has left/right section control that can be operated manually or automatically with prescription maps when equipped with hydraulic variable rate metering and ISOBUS controller.

HYDRAULIC **REQUIREMENTS**

GROUND DRIVE	HYDRAULIC DRIVE
<ul style="list-style-type: none">Minimum pressure required: 2800-2900 psi - 21 gpm4 remotes required for PTO fan (5 for hydraulic fan)<ul style="list-style-type: none">1 set of boom folding and unfolding1 set of shut off of RH fertilizer metering1 set for shut off of LH fertilizer metering1 set for wheel drive engagement (1 set for hydraulic fan)	<ul style="list-style-type: none">Minimum pressure required: 2800 - 2900 psi - 30 gpm2 remotes required for PTO fan (3 for hydraulic fan)<ul style="list-style-type: none">1 set for boom folding and unfolding1 set for metering (chain drive hydraulics)1 set for hydraulic fan



	8600
HOPPER	<ul style="list-style-type: none">8608 - 8 ton / 260 cubic foot8611 - 11 ton / 357 cubic footSecondary 60 cubic foot hopper partition and secondary metering drive optional409 stainless steel paintedHopper screenRoll tarp installed
BOOMS	<ul style="list-style-type: none">66-foot spread widthRubber torsion boom suspension and shock absorber304 stainless steel constructionBreakaway tips
PRIMARY METERING	<ul style="list-style-type: none">Twin 12-inch, 304 stainless steel mesh conveyor chainsMaximum rates 1000 lbs/acre at 8 mphGROUND DRIVE (Standard)Hydraulically engaged metering and mechanical clutch for half shut-off on right hand or left handOil bath metering drive gear box with 30 settings and 2 speed gear ratio for 60 settings at 5% incrementsHYDRAULIC DRIVE METERING (Optional)ISOBUS section control kit* hydraulic left and right hand main metering. For use with 3rd party ISObus cab consoles utilizing prescription mapping
SECONDARY METERING	<ul style="list-style-type: none">Twin 12-inch, 28 groove metering rollersGROUND DRIVE<ul style="list-style-type: none">60 speed metering gearbox with 5% between settingsIn-cab electric clutch control with 1/2 shut off on either sideHYDRAULIC DRIVE<ul style="list-style-type: none">Single motor drive hydraulic metering kit with electric clutches for left hand/right hand on/off
CHASSIS	<ul style="list-style-type: none">72 to 88-inch adjustable axleSingle axle with 10 bolt hub8608 - 14.9-inch 380/85 R388608 - 28L-26 R3, 750/65 R18611 - 800/65 R32 tire8611 - 380/90 R46Optional Digi-Star scale kit
FAN	<ul style="list-style-type: none">17-inch impellerPTO fan drive1000 RPM CV, 13/8 or 13/4 -inch. 21 spline drive lineOptional hydraulic fan driveRequires 21 GPM operating at 2800 PSI3/4-inch hydraulic lines1/2-inch couplers and 3/4 inch high flow couplers includedCase drain required

5500

PULL-TYPE AIR BOOM



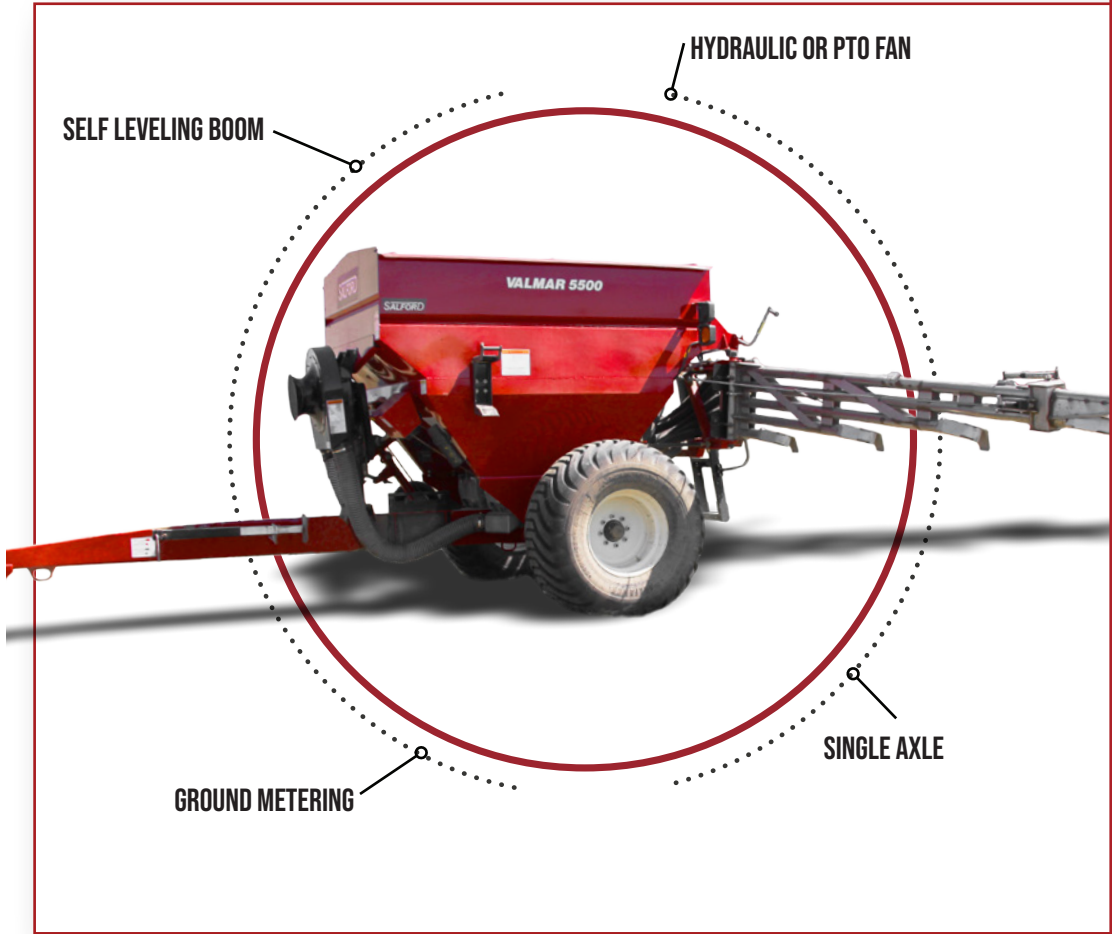
DURABLE & EASY OPERATION

Salford's Valmar 5500, granular, air boom applicators are durable and simple to operate. The stainless-steel hopper and components ensure years of low maintenance operation. The metering system, is easy to calibrate and has a wide range of adjustment to meet herbicide or fertilizer application goals. The self-leveling booms provide consistent product distribution in varying terrain for the most accurate application.

The 5500 has left/right metering sections for manual left/right section control to minimize application into sensitive areas and reduce product waste through over application.

UNIQUE FEATURES

- 40-foot application width for high rate product output
- 409 stainless steel, painted, hopper and 304 stainless steel metering and air boom components for years of low maintenance operation
- Simple calibration and metering adjustment for ease of use in the field
- Ground driven machines have 60 speed gearbox with adjustments in 5% increments to match a wide range of fertilizer or herbicide application rate
- Self-leveling boom for accurate application in rolling terrain
- Manual left/right section control



5500

HOPPER	<ul style="list-style-type: none">• 167 cubic feet• 409 stainless steel, painted• Hopper bottom shut-off slide panels• Roll tarp installed
BOOMS	<ul style="list-style-type: none">• 40 ft. application width - 304 stainless steel construction• Self-leveling boom with breakaway boom tips• 2.5-inch diameter tubes with 6 deflectors per side• Manual fold
METERING SYSTEM	<ul style="list-style-type: none">• 304 Stainless metering bottoms with pegged rollers and brushes• Manual half width shut-off on either side• Rates up to 500 lbs./acre at 5 MPH down to 5 lbs./acre with optional small seed and herbicide kit• GROUND DRIVE Hydraulically engaged• 60-speed gear box with 5% between settings
CHASSIS	<ul style="list-style-type: none">• Single axle option:<ul style="list-style-type: none">• 550/60-22.5 tires/12 ply at 90 in. center to center
FAN	<ul style="list-style-type: none">• 20-inch impeller with dual outlets• PTO fan drive• 1000 RPM CV drive line, 13/8 inch – 21T spline• Optional hydraulic fan drive<ul style="list-style-type: none">• Requires 23 GPM operating at 1885 PSI• 3/4 inch hydraulic lines• Case drain required
EXTRA OPTIONS	<ul style="list-style-type: none">• Herbicide kit includes 1 set of 28 groove metering rollers and fan intake reducer for metering finer products and lower rates

246

PULL-TYPE APPLICATOR



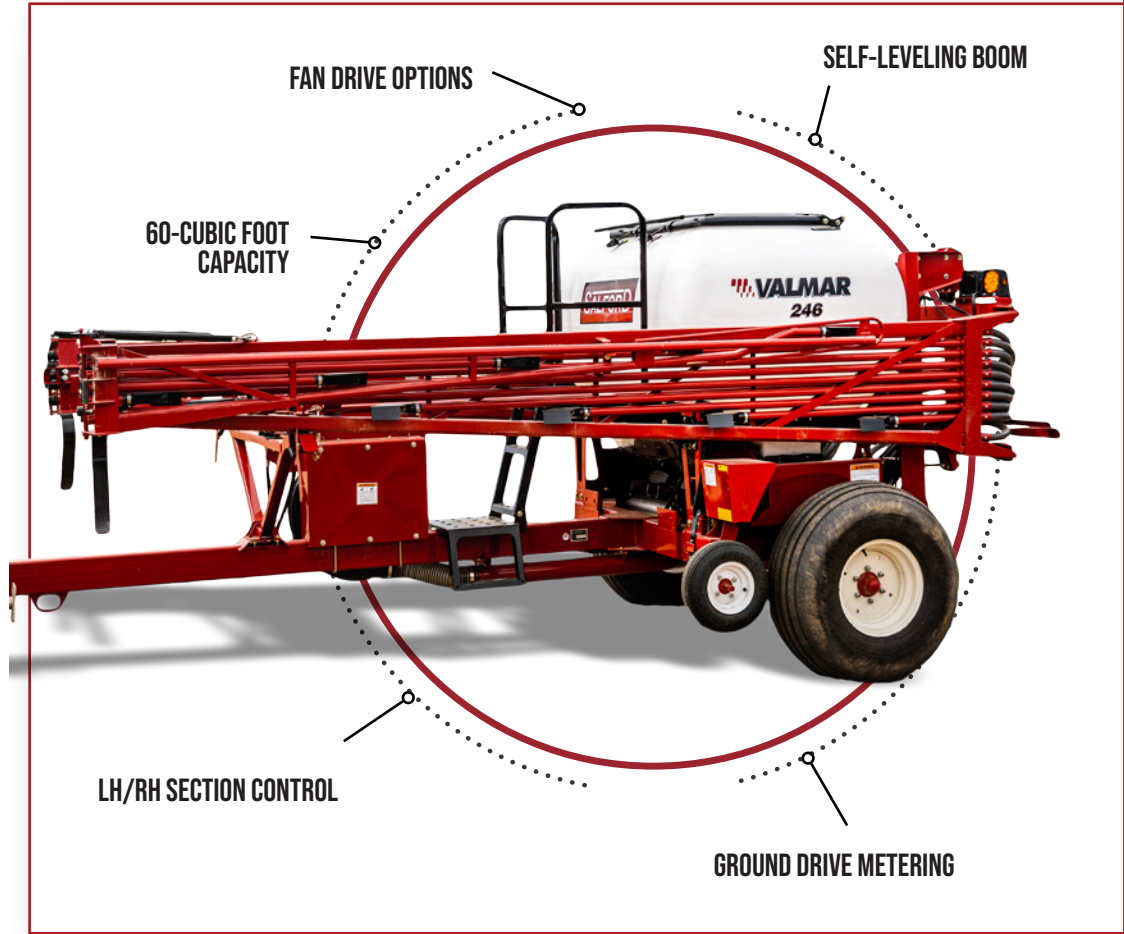
IDEAL FOR GRANULAR APPLICATION

The 246 was designed for precise application of granular herbicide but its capable of gently and accurately handling seed as well. The rugged construction is sturdy enough to withstand the rigors of commercial use, making it the right choice for a rental fleet, custom applicator, or a farm operation. The 246 can be hydraulically driven or equipped with a gas drive engine for maximum versatility.

Simple calibration ensures accurate application, especially when fine-tuning for granular herbicides, or products like seed mixtures.

UNIQUE FEATURES

- Top speed at 20 mph.
 - 60 ft. application width
 - Optional gas drive allows for use with pickup trucks
 - Highly accurate Valmar Venturi metering
- Simple calibration and clean out for use with multiple products
 - Self-leveling booms
 - 60-speed ground drive with adjustment in 5% increments



246

HOPPER	<ul style="list-style-type: none"> • 60 cubic feet • Polyurethane tank • Weathertight lid • Product level sight gauge • Hopper bottom shut-off gates
BOOMS	<ul style="list-style-type: none"> • 60-foot spread, breakaway tips • Self-leveling • Manual fold
METERING SYSTEM	<ul style="list-style-type: none"> • Ground driven • Manual 4-section shut-off • Stainless steel meeting • In-cab electric clutch control and air manifold monitor • 60 speed gearbox with 5% between settings • Air manifold and Venturi system drop for easy cleaning
CHASSIS	<ul style="list-style-type: none"> • 7000 lb rubber torsion axle • 14L - 16.1 8 Ply Implement tires • 6 bolt hubs
FAN	<ul style="list-style-type: none"> • Hydraulic drive: 11.5 GPM – hydraulic lines to hitch included • 18-inch impeller
EXTRA OPTIONS	<ul style="list-style-type: none"> • 12 groove roller assemblies for coarse material • Agitator kit • 9 HP gas engine fan drive • ISO Hydraulic metering

56 & 56N SERIES

GRANULAR APPLICATORS



THE MOST VERSATILE MACHINE FOR GRANULAR APPLICATION

Salford's Valmar granular applicators can be paired with virtually any implement between 16-feet and 90-feet. The highly accurate Valmar metering system gently delivers seed, fertilizer or granular herbicide.

56 SERIES MODELS can be ground drive or hydraulic drive. Mounting options for the Valmar 56 Series applicators include a pull-type cart and 3-point hitch mount. These options make the applicators easy to fill and calibrate while keeping the applicator lower to the ground for safer operation.

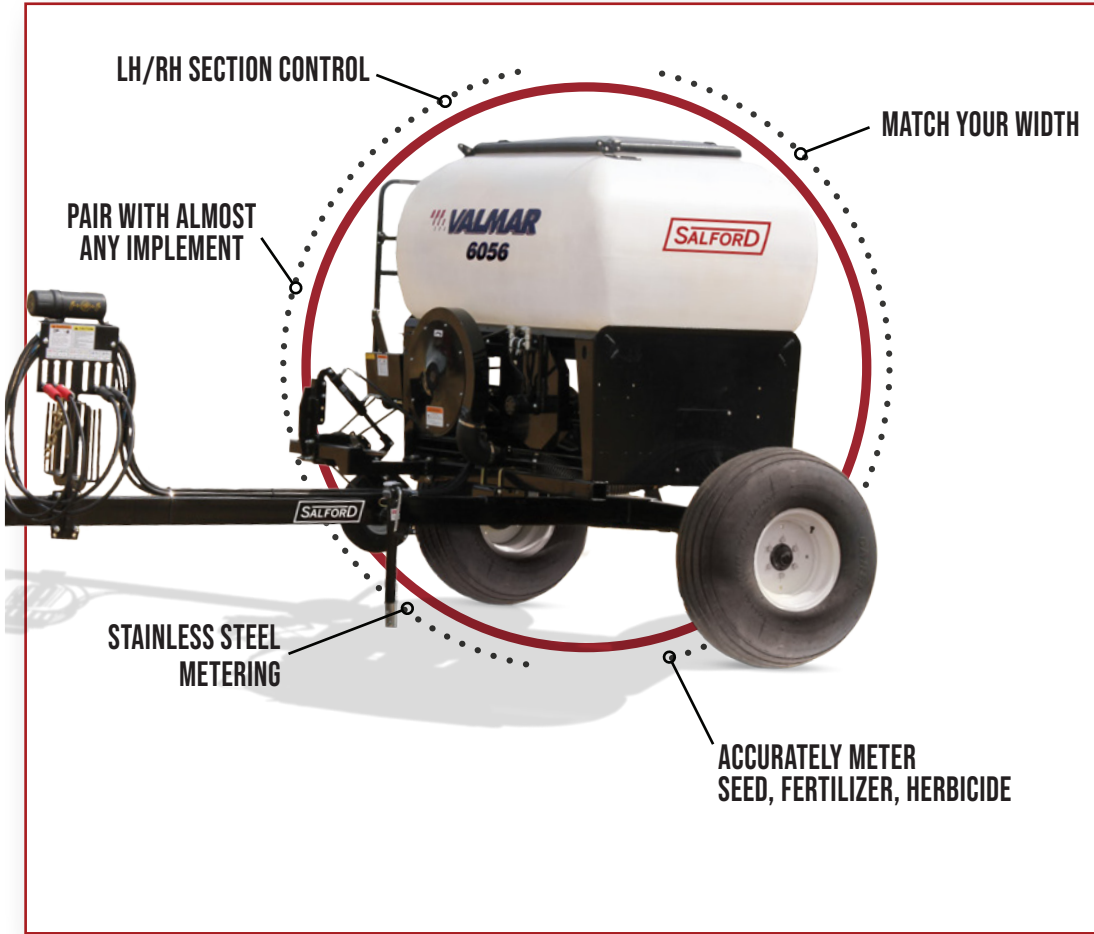
56N MODELS are equipped with the same great Valmar metering and are purpose built for granular application on narrow folding tillage implements. The 56N is hydraulically driven and designed for ISOBUS control.

56 SERIES FEATURES

- Poly tanks and stainless steel metering to boost fertilizer application capacity for planters and other implements
- Pair with any implement - Unit mount, pull-type or 3-point mount
- Fit implements from 16 to 90 feet wide
- ISOBUS compatible and optional hydraulic drive available
- Ground driven meter has 60 speed gearbox capable of changing rates in 5% increments

56N FEATURES

- Designed to pair with narrow folding implements for cover crop seeding
- Fit implements from 20-40 feet wide
- ISOBUS compatible hydraulic drive
- Ladder and platform for easy access to the hopper
- Fan and metering runs on a single hydraulic remote



	4056	6056	5056N	7056N
CAPACITY (cu. ft.)	40	60	50	70
HOPPER MATERIAL	High Density Polyurethane	High Density Polyurethane	Carbon Steel	Carbon Steel
METERING DRIVE	• Mechanical • Hydraulic	• Mechanical • Hydraulic	•Hydraulic	•Hydraulic
OUTLETS	16	24 or 32	16	24
APPLICATION WIDTH (ft.)	24 - 60	32 - 90	20-30	35-40
HYDRAULIC FAN DRIVE	8 gpm	8 gpm	13 gpm	13 gpm
MOUNTING OPTIONS	• Pull Type • 3-Point • Direct	• Pull Type • 3-Point • Direct	• Direct	• Direct
HOPPER	• Weathertight lid • Hopper bottom shut-off slide gates			
METERING SYSTEM	• Air manifold and venturi system disengage for easy cleaning • 2 Magnetic clutches for LH/RH section control • 28 groove plastic fluted metering rollers OR 12 groove available for more coarse material or higher rates • 304 stainless steel metering			
EXTRA OPTIONS	• Foot pedal for manual on/off control • Operator platform with 4 step ladder • Delivery hose quick coupler kits • 1.25-inch ID flexible PVC hose • Broadcast deflectors mount individually to the implement frame • Air diffusers for in-row application • Calibration kit			

4056 & 6056 METERING OPTIONS	
HYDRAULIC DRIVE OPTION	<ul style="list-style-type: none">Hydraulic metering, motor onlyHydraulic metering, Rate Control Ready. Includes motor, flow control valve, meter encoder, fan speed and bin level sensors. Does not include ECU, harness or cab display.Hydraulic metering, with granular rate control. Includes motor, ISOBUS compatible ECU and harness, flow control valve, meter encoder, fan speed and bin level sensors. Does not include display.
GROUND DRIVE OPTION	<ul style="list-style-type: none">60 speed gearbox with 5% between settingsIn-cab electric clutch control and air manifold monitorOptional hydraulic engage/disengage

56 SERIES

MOUNTED OPTIONS

OPERATOR-FRIENDLY AND FLEXIBLE DESIGN

The 56 Series applicators are built for seamless integration with a wide range of implements, simplifying setup and enhancing operational versatility. Compatible with virtually any 3-point hitch mount or tow-behind cart, these applicators eliminate the need for implement-specific hardware, offering a streamlined, turn-key solution. Designed with operator convenience in mind, the 56 Series provides easy hopper access for filling and calibration without climbing over equipment.

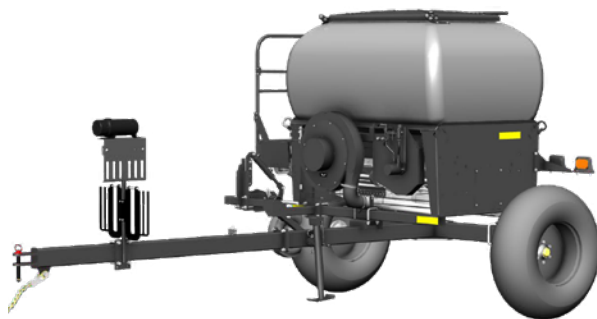
With both ground-driven and hydraulic drive options, as well as integrated hydraulic and electrical hookups, these applicators deliver unmatched compatibility. Whether applying starter fertilizer with a planter or seeding cover crops, switching between tasks is fast and hassle-free. Durable draw-bar options and fold-away ladder platforms further enhance usability, making the 56 Series a versatile, efficient choice for any operation.

3-POINT HITCH



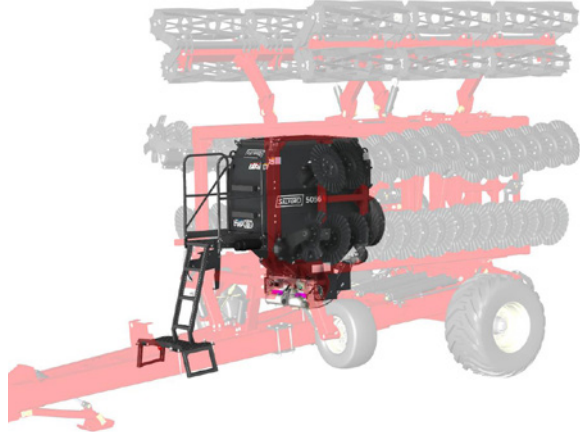
Rating	350 HP	600 HP
Front 3-point	CAT 2/3	CAT 3/4
Rear Implement	Single or double CAT 3	CAT 4

PULL-TYPE TOW BEHIND CART



Pull-Type Tires 14L – 16.1 tires w/6-bolt rims

MOUNTED



Hydraulic Remotes	Two sets of hoses standard Additional hydraulic lines available
Metering Drive	Hydraulic Metering Drive Hydraulic engage/disengage kit for ground drive

COVER CROPS



CUT FERTILIZER COSTS

Cover crops prevent runoff of nutrients like nitrogen and phosphorus. They also increase soil fertility by fixing nutrients and returning them to the soil as the crop decomposes. Nitrogen fixing cover crops, like vetch and clover, provide exceptional benefits to commercial crops like corn. These crops can be inter-seeded between established rows to add atmospheric nitrogen to the soil in season.



PREVENT EROSION AND IMPROVE WATER QUALITY

Cover crops provide a natural barrier to wind and water erosion. The standing cover crop shields the soil from the impact of rain drops while the crop's root systems anchor the soil to prevent run off. The cover crop can keep soil in place while adding nutrients and organic matter to the soil.



CONSERVE SOIL MOISTURE

Rotated cover crops or inter-seeded cover crops help the soil hold more moisture and significantly reduce water runoff. As the cover crop canopies it reduces moisture evaporation by shading the soil surface. The crop will improve soil structure and add organic matter to increase the soil's moisture storage capacity.



BETTER WEED CONTROL

Improve herbicide effectiveness by out competing weeds for light, moisture, nutrients and space. Cover crop mulch will blanket the ground and decompose while the commercial crop establishes itself. This can help smother weeds attempting to grow between the seed rows. Various cover crop varieties also release compounds that will chemically inhibit weed growth which can lead to increased yields.



IMPROVE YIELDS WITH SOIL HEALTH

The roots from cover crops improve soil tilth and decomposing plant material increases soil organic matter. Specific cover crops like brassica produce a large, deep root that can generate pressure up to 240 pounds per square inch to break up compacted soil. Living cover crops interact with soil biology to create aggregates that build soil structure. This improves soil permeability, aeration, water infiltration, and holding capacity, which factor into ease of emergence and root growth for the commercial crop.

FERTI-GO 4S



ACCURACY & HIGH-CAPACITY

The FERTI-GO 4S offers accurate, high-capacity dry fertilizer application for mounting on select planters. It features a single product hopper with variable rate metering and 4 section control. The hopper has a standard capacity of 4 tons, with the ability to reach a capacity of 6 tons with optional hopper extensions. The metering system of the FERTI-GO 4S is the same as the ST Series and other Salford Valmar products. The Venturi air manifold system is known for its accuracy, ease-of-use, simple maintenance, and range of application rates.

UNIQUE FEATURES

- Mounting options available for most planter options
- Variable rate metering and 4 section control
- Manual roll tarp for simplified tendering
- Planter mount allows for ease-of-maneuverability for in field and road transport
- Standard 4-ton capacity with ability to reach 6 tons with optional hopper extensions
- Rate control ready with metering, fan speed sensors, PWM flow control and bin-level sensing
- Optional ISOBUS compatibility to follow prescription maps

ON-BOARD FERTILIZER APPLICATOR

4 OR 6-TON HOPPER



4 SECTION CONTROL

STAINLESS STEEL HOPPER & METERING

FERTI-GO 4S

HOPPER

- ISOBUS compatibility available
- Standard: 4 ton
- Optional: 6 ton with optional extensions
- 409 stainless steel, painted
- Internal hopper screen
- Spring loaded hopper shut-off gates for fast metering and product changes
- Roll tarp cover
- Scales - optional equipment

METERING SYSTEM

- ISOBUS compatible variable rate application
- 4 section control
- Ability to match 8, 12, 16, 18*, 20, 24 row planters
- *Airline splitters available for use with 36+ row planters
- Single fan output - up to 200 lbs/acre @ 6 mph on 24 rows
- Dual fan output* - up to 400 lbs/acre @ 6 mph on 24 rows
- *Optional equipment

HYDRAULIC REQUIREMENT

- 8-20 outlets, 21 GPM @ 2800 PSI, 2 remotes
- 24+ outlets, 38 GPM @ 2800 PSI, 3 remotes

EXTRA OPTIONS

- Ladder and platform included
- Hopper extensions available for added capacity (bringing capacity from standard 4 tons to 6 tons)
- Weigh scales available
- Hopper mounting kits

STANDARD MOUNTING OPTIONS*

- Generic Mount for Ferti-GO
- John Deere 1770/1775 NT Planter Mount
- John Deere DB Series Planter Mount
- Case 1255 Planter Mount (16 row)
- White 9800 Planter - non-Center Fill Tank

*Ferti-GO 4S is not compatible with all planters or tractor hydraulics. Owner may be responsible for additional fabrication to adapt the optional mounting brackets to some planters. ISOBUS features may not be compatible with all virtual terminals. Some features may require a terminal unlock. Consult your dealer or planter manufacturer to ensure your planter frame has the capacity to handle the weight of the loaded applicator. Be sure to study and/or consult an agronomist to ensure fertilizer rates and placement will not damage your crop. Consult your dealer or contact Salford Group.

ST-4 & ST-6

HIGH-CAPACITY APPLICATION

1 ST-4 & ST-6 GRANULAR APPLICATOR

ST-4 is a single tank applicator for mounting on other implements. The 120-cu.ft.(4 ton) hopper works for lower rate products such as granular herbicide or cover crops. ST-6 is a single tank applicator designed for mounting on the Salford PathFinder or for direct mounting on other implements.

2 SECTION CONTROL READY

ST-Series models are capable of ISOBUS compatible section control. The ST-4 and ST-6 can run one, two or four sections for the most accurate, cost-effective application.

3 NUTRIENTS & FERTILIZER

Supplement application with micronutrients using the standard stainless metering with high densityPolyurethane tank for fertilizer.

4 SEED & COVER CROPS

Valmar applicators are gentle and accurate enough to be used for seeding cover crops or low rate crops like canola.

5 GRANULAR HERBICIDE

Direct mount ST applicators on equipment such as heavy harrow bars to apply granular herbicide. The unit's highly accurate meters are recommended for this fine material.

6 HYDRAULIC DRIVE WITH ISOBUS COMPATIBILITY

ST-Series applicators use hydraulically driven systems. Factory optional ECU's allow for simple straight rate application or ISOBUS compatible variable rate application.

7 SIMPLE AND ACCURATE METERING

The ST-Series uses highly accurate, simple, roller metering to deliver product evenly into the separate Venturi air lines, delivering precisely how much product you need. Meters are designed to stay clean and are simple to change.

8 MATCH YOUR WORKING WIDTH

ST-Series applicators can be fitted with 8, 12, 16, 18, 20 and 24 metering runs and the primary air delivery lines can be split downstream to deliver up to 48 rows of product.



	ST-4	ST-6
HOPPER CAPACITY	<ul style="list-style-type: none">• 120 cu. ft.• 4 tons	<ul style="list-style-type: none">• 185 cu. ft• 6 tons
TANK	Single compartment	
TANK MATERIAL	<ul style="list-style-type: none">• High Density Polyurethane	
METERING	<ul style="list-style-type: none">• Up to four sections (Hydraulic motors per section)	
TANK FEATURES	<ul style="list-style-type: none">• Air Manifold gauge• Hopper Screen• Ladder and platform assembly	
AIR MANIFOLD	8, 12, 16, 18, 20 and 24 Outlet manifolds (choose at the time of ordering)	
METER	<ul style="list-style-type: none">• Plastic peg meter rollers with brush for self-cleaning• Manual hopper bottom shut-off slide gates• PWM Valve• Meter encoder, Fan speed sensor, Bin level sensor• Low-rate rollers available	
IMPLEMENT MOUNTING	<ul style="list-style-type: none">• Skid mounting available - contact dealer for details• Pathfinder mounting available for ST-6	
FAN	<ul style="list-style-type: none">• Hydraulic fan drive Options• Air line splitters• Hydraulic Requirements• Optional Control Packages and Scales• High output fan option for high rates, swaths, or ground speeds• Second fan standard on 24 row models	
HYDRAULIC REQUIREMENTS	<ul style="list-style-type: none">• Single Fan (8-20 outlets) 21 gpm @ 2800 psi• Dual Fan (24 outlets or high output) 38 gpm @ 2800 psi• Case drain required• Hoses to tractor not included	
OPTIONS	<ul style="list-style-type: none">• Air line splitters Hydraulic Requirements Optional Control Packages and Scales• High output fan option- high rates, swaths, or ground speeds• Second fan standard on 24 row models• Low rate peg meter rollers• Deflector kit for broadcast application• Air diffusers for in-row application• PVC flexible air hose ISOBUS Controls* (includes ECU and harness)• Digi-Star Scale Kit (includes one cab display) or available as ISOBUS	

*For use with 3rd party ISOBUS cab consoles utilizing prescription mapping (i.e. John Deere 2630™, Case IH Pro 700™, etc.) *ISOBUS compliance does not guarantee compatibility with all functionality on 3rd party ISOBUS displays; Non-ISOBUS displays are not compatible with this controller. Always consult with the display manufacturer before purchase - Prescription mapping and/or auto section control may require software unlock. Ensure latest display firmware version is installed.

ST-10 & ST-12

HIGH-CAPACITY APPLICATION

1 ST-10 & ST-12 GRANULAR APPLICATOR

The ST-10 is a two-tank applicator designed for mounting on the Salford PathFinder or for direct mounting on other implements.
The ST-12 is a two tank granular applicator designed for mounting on aftermarket carts or high capacity application implements.

2 VARIABLE RATE & SECTION CONTROL

ST applicators are equipped with hydraulically driven metering and can be used for variable rate application. ST applicators are capable of 2 or 4 section control.

3 NUTRIENTS & FERTILIZER

Supplement application with micro nutrients using the standard stainless metering with high density poly tank for fertilizer.

4 ROLLER METERING

ST-Series applicators use peg roller meters, which excel at metering fertilizer, seed or herbicide. Compared to auger metering these rollers offer greater accuracy, are less susceptible to plugging, are easier to change and do not grind product. Low-rate rollers available for cover crop and micro nutrients. ST-Series applicators can be fitted with 8, 12, 16, 18, 20 and 24 metering runs and the primary air delivery lines can be split downstream to deliver up to 48 rows of product with high-output option.

5 SIMPLE ACCURATE METERING

The ST-Series uses highly accurate, simple, roller metering to deliver product evenly into the separate Venturi air lines, delivering precisely how much product you need. Meters are designed to stay clean and are simple to change.

6 SEED & COVER CROPS

Valmar applicators are gentle and accurate enough to be used for seeding cover crops or low rate crops like canola.

7 HYDRAULIC DRIVE WITH ISOBUS COMPATIBILITY

ST-Series applicators use hydraulically driven systems. Factory optional ECU's allow for simple straight rate application or ISOBUS compatible variable rate application.

8 MORE ACCURATE FERTILIZER BLENDS

The ST-10 and ST-12 both have 2 separate tanks. ST-10 models can carry two separate commodities with their 60/40 split tanks, while ST-12 models can carry two separate commodities with their 50/50 split tanks. Blending is done right at the meter, rather than in the air line. This ensures the most accurate blend possible. Each tank can follow variable rate prescriptions.



	ST-10	ST-12
HOPPER CAPACITY	<ul style="list-style-type: none">305 cu. ft. (120/185 cu.ft)10 Tons (4/6 ton)	<ul style="list-style-type: none">370 cu.ft. (185/185 cu.ft.)12 tons (6/6 ton)
TANK	Two compartment	
TANK MATERIAL	<ul style="list-style-type: none">High Density Poly	
METERING	<ul style="list-style-type: none">2 or 4 sections (Hydraulic motors per section)	
TANK FEATURES	<ul style="list-style-type: none">Air Manifold gaugeHopper Screen	
AIR MANIFOLD	<ul style="list-style-type: none">8, 12, 16, 18, 20 and 24 Outlet manifolds (choose at the time of ordering)	
METER	<ul style="list-style-type: none">Plastic peg meter rollers with brush for self-cleaningManual hopper bottom shut-off slide gatesPWM ValveMeter encoder, Fan speed sensor, Bin level sensorLow rate rollers available	
IMPLEMENT MOUNTING*	<ul style="list-style-type: none">Skid mounting available - contact dealer for detailsPathfinder Mounting (ST-10 Only)KUHN Gladiator 1205 Mount (ST-10 Only)*ST-10 does not come standard with mounting hardware.	
FAN	<ul style="list-style-type: none">Hydraulic fan drive OptionsHigh output fan option for high rates, swaths, or ground speedsSecond fan standard on 24 row models	
HYDRAULIC REQUIREMENTS	<ul style="list-style-type: none">Single Fan (8-20 outlets) 21 gpm @ 2800 psiDual Fan (24 outlets or high output) 38 gpm @ 2800 psiCase drain requiredHoses to tractor not included	
OPTIONS	<ul style="list-style-type: none">Air line splittersHigh output fan option- high rates, swaths, or ground speedsSecond fan standard on 24 row modelsLow rate peg meter rollersDeflector kit for broadcast applicationAir diffusers for in-row applicationLadder and platform is optional on skid mount ST10 but is standard on PathFinder mount ST10 and all ST12 offeringsPVC flexible air hoseISOBUS Controls* (includes ECU and harness)Digi-Star Scale Kit (includes one cab display) or available as ISOBUS	

For use with 3rd party ISOBUS cab consoles utilizing prescription mapping (i.e. John Deere 2630™, Case IH Pro 700™, etc.) ISOBUS compliance does not guarantee compatibility with all functionality on 3rd party ISOBUS displays; Non-ISOBUS displays are not compatible with this controller. Always consult with the display manufacturer before purchase - Prescription mapping and/or auto section control may require software unlock. Ensure latest display firmware version is installed.

PATHFINDER

SELF-STEERING CART



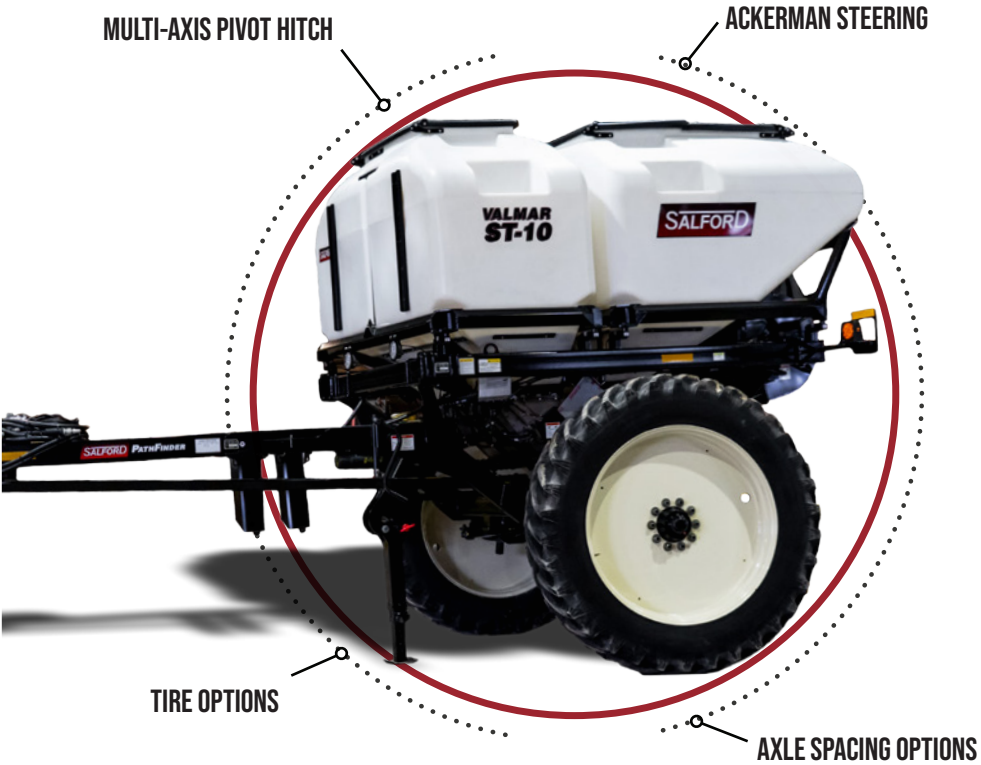
HIGH-CAPACITY & ACCURATE TRACKING

The PathFinder and ST-Series commodity metering system adds high capacity, multi-product, fertilizer delivery to tillage equipment, strip-till bars, side dress applicators and planters. The universal, multi-axis pivot hitch can be adapted to fit virtually any frame design. The PathFinder features a high-clearance axle for post emergence, inter-row application. The axle can be stubbed out to match various row-crop spacings.

Using the Ackerman steering principle, the PathFinder tracks more accurately behind implements. This steering principle reduces stress on the implement and cart while reducing the horsepower required to maneuver.

UNIQUE FEATURES

- Ackerman steering for accurate tracking and less horsepower required to maneuver
- High-clearance frame can be used for post emergence side dressing
- Double ball hitch for attaching to most implements
- Axle spacing options to fit row crop requirements
- Tow hitch available to pull anhydrous or other implements behind the PathFinder
- Rigid frame with 5-link steering improves side-hill tracking



	ST-6	ST-10
CHASSIS	6 ton rated base cart	10 ton rated base cart
WHEEL HUB	10 bolt	10 bolt
STANDARD TIRE	380/90 R46 156A	380/90 R46 173D
OPTIONAL ROW CROP TIRE	-	480/80 R46 174A8
OPTIONAL FLOTATION TIRE	-	800/65 R32
AXLE SPACING OPTIONS	<ul style="list-style-type: none">120 inches (20 inch, 30 inch rows)132 inches (22 inch rows)144 inches (36 inch rows)152 inches (38 inch rows)160 inches (40 inch rows)	
STEERING	<ul style="list-style-type: none">Standard: Patented implement guided mechanical steering - 5-point mechanical tie-rod links	
IMPLEMENT CONNECTION	<ul style="list-style-type: none">Highly adaptable multi-axis pivot hitch to fit virtually any leading implement*Hitch adapter for some planter models available - contact dealer*Special hitch options may be required	
OPTIONS	<ul style="list-style-type: none">Tow hitch for anhydrous ammonia cartsAdapter hitch for pickups	

Reese Ivers, Ivers Farms
@iversfarms

“Reason I go to [the HALO VRT & 56N Seeder] is the versatility of it. You can change the blades as your soil conditions change or how much residue is on top of the ground changes, whether you’re going bean stubble to corn stubble and it’s all just right at the tip of your fingers using your hydraulics.”





See our full line of products and find your local dealer at salfordgroup.com or call 1-866-442-1293

     
@salfordgroup

Products and specifications subject to change without notice and without liability therefore. Images may include optional equipment. Salford® is a registered trademark of Salford Group Inc. Copyright©2025 Salford Group Inc. 2025.04 # 10016970 - LITERATURE, VALMAR APPLICATORS

SALFORD FIELD YOUR BEST



CANADA | USA