

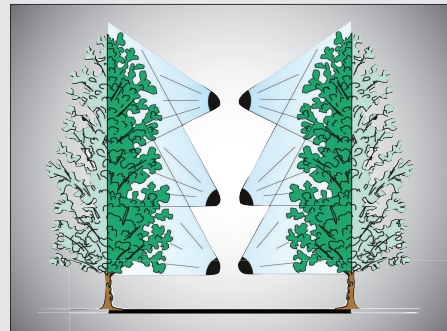


# HIGH DENSITY ORCHARD VENTURI AIR SPRAYERS

**PRODUCES A PERFECT CURTAIN OF SPRAY THAT COVERS THE FOLIAGE TOP TO BOTTOM**



*"10 Year Warranty  
on Polyethylene  
Trailer Tanks"*



*Nozzles are adjustable, so only  
the foliage is sprayed*



These unique Venturi Air Sprayers feature our special 6 vent Distribution Head with 96 orifice liquid outlets for narrow row orchards. These nearly 100 spray outlets produce a perfect curtain of spray droplets. That feature in combination with our most powerful high speed turbine fan produces a fine mist spray for total plant coverage. Growers also achieve the following benefits: spray atomization of droplets are smaller and more uniform, thus less fill-ups, even distribution of concentrated spray, better product utilizations, less chemical waste and soil/ water contamination.

**GEARMORE INC.**

13477 Benson Ave. • Chino, CA 91710  
Ph: 909/548-4848 • [sales@gearmore.com](mailto:sales@gearmore.com)

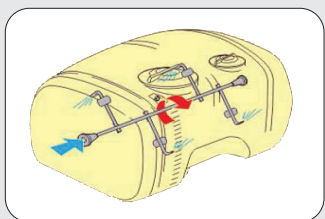
[www.gearmore.com](http://www.gearmore.com)



# VENTURI AIR ORCHARD SPRAYERS

## FEATURES:

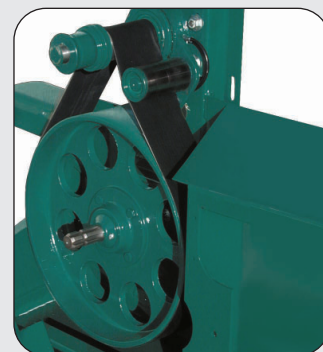
- Molded polyethylene 400 and 500 gallon tanks
- Translucent heavy walled tanks with hinged lid, strainer basket and shower head
- High performance precision balanced all steel, front mounted turbine fan
- Dual centrifugal pumps - 37 G.P.M. for spraying and 37 G.P.M. for agitation
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance on pumps and nozzles
- Wheels are adjustable up or down, front or rear, or in and out to obtain the best balance and clearance
- Electro valve system controls spray off or on, both sides spray, and right or left only
- No gearbox for fan speed-up, unique simple power band system with built-in overrunning clutch
- Dolly wheel adjustable parking stand
- The special 6 vent distribution head has an overall height of 10 feet
- Top two spray vents have electro cylinders to control up & down
- Effective spray height of - 20 feet and spray widths of - 16 feet



*Centrifugal pump powers rotating liquid agitation system to insure product mix*



*Low pressure centrifugal pump made of anti-corrosive materials requires little maintenance*



*Power band fan speed up system with built-in overrunning clutch*



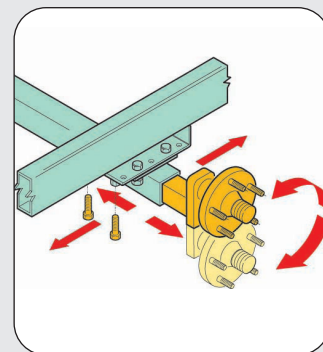
*Rotating yellow calibration discs, adjusts easily to provide accurate and constant regulation of application*



*Shower head is built into the main strainer basket to easily put wettable powders into suspension*



*Electro valve controls to operate on, off, left, and right spraying*



*Wheels adjust up or down, in or out, front or rear to obtain best balance and clearance*

## SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Min. Width	Length	Tire Size	H.P. Req'	WT.
T55E2-1500-6V	400 Gal.	9123 C.F.M.	66"	14'	11Lx15-8 Ply	70 H.P.	1340#
T55E2-2000-6V	500 Gal.	9123 C.F.M.	71"	14'	12.5Lx15-10 Ply	74 H.P.	1420#

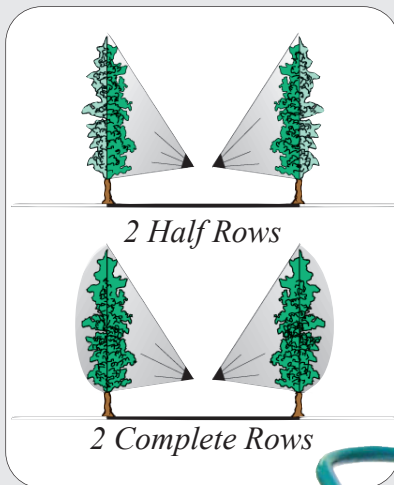
*Specifications Subject To Change Without Notice*

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# VENTURI AIR SPRAYERS

**DESIGNED FOR NARROW ROW SPRAYING WITH LOW H.P. TRACTORS**



Our 200 Gallon Trailer Mounted Sprayer was developed for low horsepower tractors doing narrow row spraying. Tractors with P.T.O. horsepower of as low as 36 will handle this sprayer. The 48 inch overall sprayer width allows for operating in the narrowest of rows. Growers achieve the following additional benefits - spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination.

Our Venturi Air Sprayers are available with many different distribution spray heads to fit exact profile of your crops. The sprayer with your required spray head is then completely assembled at our warehouse to insure quality.



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# VENTURI AIR TRAILER SPRAYERS

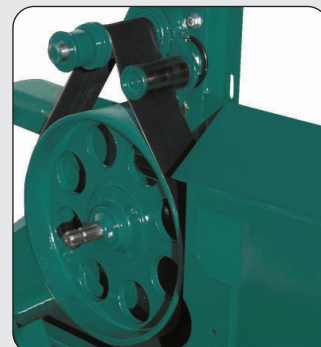
## FEATURES:

- Trailer mounted, P.T.O. 540 R.P.M.
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head
- Unique polyethylene belly mounted air tubing to the distributor heads
- Dual tank lids for safety, one for water and one for adding chemicals
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Adjustable tread width, facilitates matching sprayer tread with tractor tread
- Tongue with clevis hitch has length adjustment
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Dual agitation systems, liquid and air
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Built-in overrunning clutch to protect the tractor and sprayer drive train
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Electro-valve controls to allow operator to switch liquid from off to right, left, or both sides spraying
- Built-in 8 gallon fresh water safety tank

*Your Gearmore Dealer*



*Low pressure centrifugal pump made of anti-corrosive materials requires little maintenance*



*Power band fan speed up system with built-in overrunning clutch*



*Rotating yellow calibration discs, adjusts easily to provide accurate and constant regulation of application*



*Shower head is built into the main strainer basket to easily put wettable powders into suspension*



*Electro valve controls to operate on, off, left, and right spraying*



*Electro cylinders, 2 or 4 with control box operated from the tractor seat*

## SPECIFICATIONS:

MODEL NO.	GALLONS	VOLUME OF AIR	WIDTH	LENGTH	TIRE SIZE	H.P. REQ'D	WT.
T45N1-800	200 Gallon	3,180 C. F.M.	48"	10' - 5"	9.5Lx15-8 Ply	36 H.P.	910#

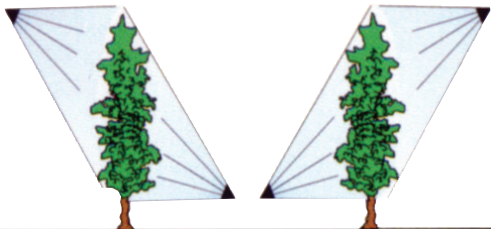
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# VENTURI AIR SPRAYERS

## TRAILER MOUNTED WITH TWO ROW BOOM



*Shown with optional 2 row  
distribution head to spray  
2 complete rows*

The Gearmore T50S 2 Row Venturi Air Sprayer covers two complete rows at one time so your spraying time is cut in half; reducing your labor, fuel, wear and tear on your tractor/sprayer, and since you are traveling every other row you will have less soil compaction. Plant coverage is greatly increased because the spray enters the foliage from opposite directions at the same time. Thus, chemical drift is greatly reduced as the spray is held in the foliage longer.

The Venturi low volume spraying system also achieves these additional benefits: spray atomization of droplets are smaller and more uniform, even distribution of concentrated spray, better product utilization, less chemical waste and soil/water contamination and best of all less fill-ups.

*Many different distribution spray heads are available.*



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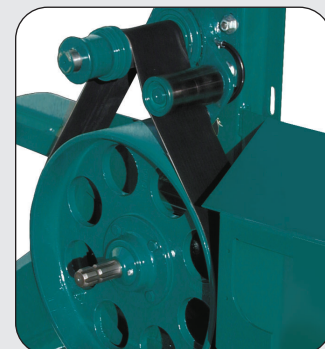
# VENTURI AIR SPRAYERS For 6 To 10 Foot Rows

## SPRAYER FEATURES:

- Molded polyethylene 200 or 300 gallon tank
- Sprayer operates with a low pressure centrifugal pump which produces 37 GPM at the normal operating pressure of 15 to 40 PSI
- Dual centrifugal pumps - 37 GPM for spraying and 37 GPM for agitation on 300 gallon only
- Air speed is 415 MPH at nozzles
- Wheels are adjustable up or down, front or rear, in or out to obtain the best balance and clearance
- Electro-valve system controls spray off or on, both sides spray, right or left only
- Separate water and chemical filling hatches keep chemical from being splashed out while filling
- No gearbox for fan speed-up, only a simple power band pulley system with overrunning clutch
- High speed turbine fan turns at 4320 RPM with air delivery of 4885 cu. ft. per minute
- Separate safety clean water 8 gallon tank for handwashing



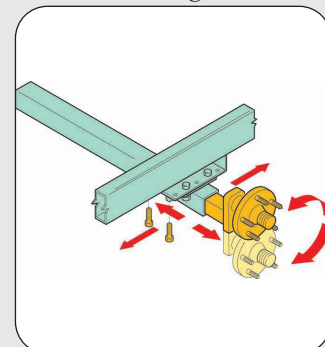
*Low pressure centrifugal pump made of anti-corrosive materials requires little maintenance*



*Power band fan speed up system with built-in overrunning clutch*



*Electro valve controls to operate on, off, left, and right spraying*



*Wheels adjust up or down, in or out, front or rear to obtain best balance and clearance*

## 2 ROW BOOM FEATURES:

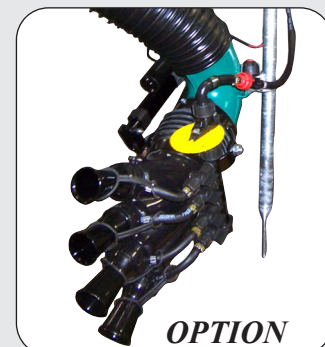
- For 6 to 10 foot rows
- Total of 4 distribution heads with 4 Venturi nozzles on each head with individual shut off valves, rotating calibration discs and anti-drip valves
- Rear mounted height adjustable frame
- Two hydraulic cylinders with hoses for opening and closing horizontal booms

## OPTION:

- ~ Electro cylinders with control box to operate 2 or 4 Venturi heads



**OPTION**  
*Electro cylinders with control box operated from tractor seat (inner spray heads)*



**OPTION**  
*Electro cylinders with control box operated from tractor seat (outer spray heads)*

## SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Required	Wt.
T50S2-800	200	4885 C.F.M.	42" to 50"	10'-5"	9.5Lx15-8 Ply	48	910#
T50S2-1200	300	4885 C.F.M.	54" to 74"	11'-7"	11Lx15-8 Ply	52	1020#

*Dimensions are less 2 row distribution spray head*

*Specifications Subject To Change Without Notice*

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# VENTURI AIR SPRAYERS

## TRAILER MOUNTED 300 & 500 GALLON CAPACITIES



*"10 Year Warranty  
on Polyethylene  
Trailer Tanks"*

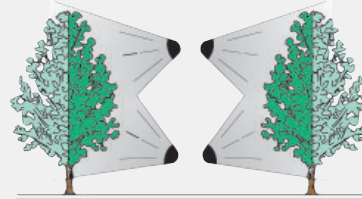


*500 Gallon Shown*

These unique Venturi Air Sprayers feature our most powerful high speed turbine fans and are the latest technology in fine micron droplets spraying. Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination.

Our Venturi Air Sprayers are available with many different spray heads to fit exact profile of your crops. All sprayers with your required spray heads are then completely assembled at our warehouse to insure quality.

*Many different distribution spray heads are available.*



*Sprayer operating  
with 2 lower and  
2 upper orchard  
distribution heads  
to insure coverage  
on the upper half  
of trees*



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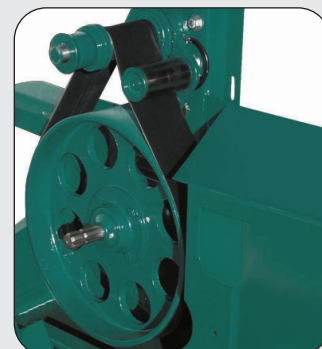
# TRAILER MOUNTED VENTURI AIR SPRAYERS

## FEATURES:

- Molded polyethylene 300 and 500 gallon tanks
- Translucent heavy walled tanks with hinged lid, strainer basket and shower head
- High performance precision balanced all steel, front mounted turbine fan
- Dual centrifugal pumps - 37 G.P.M. for spraying and 37 G.P.M. for agitation
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance on pumps and nozzles
- Wheels are adjustable up or down, front or rear, or in and out to obtain the best balance and clearance
- Electro valve system controls spray off or on, both sides spray, and right or left only
- No gearbox for fan speed-up, unique simple power band system with built-in overrunning clutch
- Separate safety clean water 8 gallon tank for hand washing
- Dolly wheel adjustable parking stand



*Low pressure centrifugal pump made of anti-corrosive materials requires little maintenance*



*Power band fan speed up system with built-in overrunning clutch*



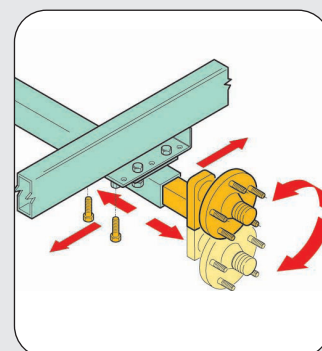
*Rotating yellow calibration discs, adjusts easily to provide accurate and constant regulation of application*



*Shower head is built into the main strainer basket to easily put wettable powders into suspension*



*Electro valve controls to operate on, off, left, and right spraying*



*Wheels adjust up or down, in or out, front or rear to obtain best balance and clearance*

*Your Gearmore Dealer:*

## SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Min. Width	Length	Tire Size	H.P. Required	WT.
T55S2-1200	300 Gal.	8240 C.F.M.	55"	12'	11Lx15-8 Ply	60 H.P.	1020#
T55E2-1200	300 Gal.	9123 C.F.M.	57"	12'	11Lx15-8 Ply	74 H.P.	1020#
T55E2-2000	500 Gal.	9123 C.F.M.	71"	14'	12.5Lx15-10 Ply	74 H.P.	1320#

*Specifications Subject To Change Without Notice*

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# VENTURI AIR ORCHARD SPRAYERS

## FEATURING 12 VENTURI CANNON HEADS FOR TALL TREES

*"10 Year Warranty  
on Polyethylene  
Trailer Tanks"*

*Our 12 nozzle cannon  
head will spray up to  
50 foot trees*



*The cannon Venturi Air  
Sprayer operating in 45 foot  
high walnut orchard at 50  
gallons per acre.*

To insure total coverage in dense, tall trees; our Cannon Sprayers are the answer. The spray will reach up to 50 feet. Extensions are available for the upper cannons if required.

These unique Venturi Air Sprayers feature our most powerful high speed turbine fans and are the latest technology in fine micron droplets spraying. Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination.



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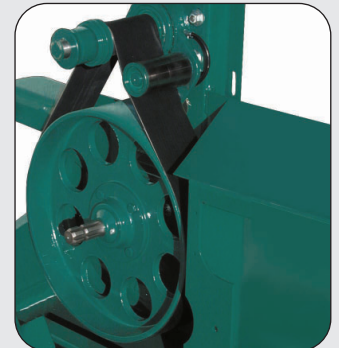
# TRAILER MOUNTED VENTURI AIR SPRAYERS

## FEATURES:

- Molded polyethylene 400 and 500 gallon tanks
- Translucent heavy walled tanks with hinged lid, strainer basket and shower head
- High performance precision balanced all steel, front mounted turbine fan
- Dual centrifugal pumps - 37 G.P.M. for spraying and 37 G.P.M. for agitation
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance on pumps and nozzles
- Wheels are adjustable up or down, front or rear, or in and out to obtain the best balance and clearance
- Electro valve system controls spray off or on, both sides spray, and right or left only
- No gearbox for fan speed-up, unique simple power band system with built-in overrunning clutch
- Separate safety clean water 8 gallon tank for hand washing
- Dolly wheel adjustable parking stand



*Low pressure centrifugal pump made of anti-corrosive materials requires little maintenance*



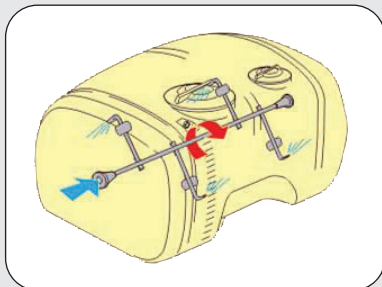
*Power band fan speed up system with built-in overrunning clutch*



*Rotating yellow calibration discs, adjusts easily to provide accurate and constant regulation of application*



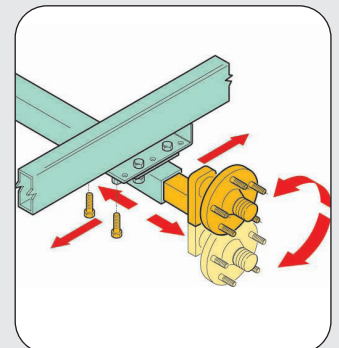
*Shower head is built into the main strainer basket to easily put wettable powders into suspension*



*Centrifugal pump powers rotating liquid agitation system to insure product mix*



*Electro valve controls to operate on, off, left, and right spraying*



*Wheels adjust up or down, in or out, front or rear to obtain best balance and clearance*

## SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Min. Width	Length	Tire Size	H.P. Required	WT.
T55E2-1500	400 Gal.	9123 C.F.M.	66"	14'	11Lx15-8 Ply	70 H.P.	1240#
T55E2-2000	500 Gal.	9123 C.F.M.	71"	14'	12.5Lx15-10 Ply	74 H.P.	1320#

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