

**With Short Turning Radius Hitch Designed So The Driveshaft Is Always Straight In Line**

## VENTURI AIR SPRAYER

The Venturi Trailer Sprayer is now available with a short turning radius design. The fan and distribution head is 3-point hitch mounted. The trailer assembly is attached to the fan assembly with a heavy duty double knuckle joint. The sprayer can "turn on a dime" with no stress or damage as the drive system is always straight.

This trailer sprayer is the perfect unit for narrow rows and short head rows.



### FEATURES:

- Turns as sharp as your tractor
- Parking stands for 3-point and trailer assemblies
- Double knuckle turning hitch
- High performance, precision balanced all steel, front mounted centrifugal fan
- Special molded polyethylene fan housing
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head
- 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
- Simple efficient "Dial-A-Rate", 15 position metering disc
- Centrifugal pump - 37 G.P.M.
- 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
- Broad range of Venturi distribution heads that produce 50 micron droplets and are specially designed to match a variety of foliage profiles
- Capable of application rates of 20 to 300 gallons per acre, depending on row width
- Reachable controls from tractor seat, allows operator to switch liquid to right, left or both sides spraying
- 8 Gallon fresh water safety tank
- Large liquid filled pressure gauge
- Pressure control valve and large main strainer

### SPECIFICATIONS:

MODELS:	L50N1-800	L50S2-1200		L50N1-800	L50S2-1200	
Tank Capacity (gallon):	200 Gallon	300 Gallon		No. of Pumps:	1	2
Diameter of Fan:	19 3/4"	19 3/4"		Tire Size:	9.5Lx15-8 Ply	11Lx15-8 Ply
Fan (R.P.M.):	4000	4320		Sprayer Width (Min.):	43"	54"
Volume of Air (CFM):	4444	5000		Sprayer Height:	66"	66"
Air Speed (MPH*):	391	420		Sprayer Length:	9'	9'
Tractor PTO Min. **:	48 HP	52 HP		Weight w/o Distributor:	855#	960#
Controls:	Electric	Electric				

\* Air speed will vary depending on the type of distribution head used.

\*\* Horsepower is minimum requirement for average operating conditions. Soft soil and hilly conditions will require more horsepower than shown.

**The Trailer Sprayer To Use When Total Plant Coverage Is Required**

## VENTURI AIR - TRAILER MODELS



These unique **Venturi Air Sprayers** feature the latest technology in low volume 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.

### FEATURES:

- High performance, precision balanced all steel, front mounted, centrifugal fan
- Special molded polyethylene fan housing
- Unique polyethylene belly mounted air tubing to the distributor heads
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head
- Dual tank lids for safety, one for water and one for adding chemicals
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Heavy tubular steel frame
- Adjustable axle position, facilitates positioning axle closer/farther from tractor for lighter or heavier tongue weight or shorter turning circle
- 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 centrifugal pumps - 37 GPM for spraying and 37 GPM for agitation
- 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
- Broad range of Venturi distribution heads that produce 50 micron droplets and are specially designed to match a variety of foliage profiles
- Capable of application rates of 20 to 300 gallons per acre, depending on row width
- 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

MODELS:	T45N1-800	T50S2-1200	T55S2-1200	T55S2-1500	T55S2-2000	T55E2-2000
Tank Capacity:	200 Gallon	300 Gallon	300 Gallon	400 Gallon	500 Gallon	500 Gallon
Diameter of Fan:	17 3/4"	19 3/4"	21 3/4"	21 3/4"	21 3/4"	21 3/4"
Fan (R.P.M.):	4500	4320	3720	3720	3720	3900
Volume of Air:	3180	5000	8240	8240	8240	9123
Air Speed (MPH):	420	421	380	380	380	402
Tractor PTO Min:	36 HP	52 HP	60 HP	60 HP	60 HP	74 HP
Controls:	Electric	Electric	Electric	Electric	Electric	Electric
No. of Pumps:	1	2	2	2	2	2
Tire Size:	9.5Lx15-8 Ply	11Lx15-8 Ply	11Lx15-8 Ply	12.5Lx15-10 Ply	12.5Lx15-10 Ply	12.5Lx15-10 Ply
Sprayer Minimum Width:	48"	55"	55"	64"	71"	71"
Sprayer Height:	52"	54"	54"	59"	66"	66"
Sprayer Length:	10' - 5"	11' - 8"	12'	14'	14'	14'
Weight w/o Distributor:	910#	970#	1020#	1360#	1555#	1555#

*For High Production, Accurate Spraying*

## SPRAYERS WITH WRAP-A-ROUND BOOMS



**BOOM MODEL  
TS56MC55D12 ON 500  
GALLON SPRAYER SHOWN**

Now available is a complete new series of high strength wrap-around spray booms. The booms feature extra strong framing with heavier support tubings to the sprayer frame. The five hydraulic cylinders give total control on height adjustment, swing up for in row obstructions, and fold away for transport. The width adjustment is manual, as the spread is rarely changed.

These booms are available to spray two complete rows or two complete rows and two half rows. Boom controls are available in manual or optional electro hydraulic controls. The booms are designed to fit the popular 300 and 500 gallon Venturi Air Sprayer.

### FEATURES:

- Sprayer features same as page 105
- Booms swing hydraulically from operational to closed position
- Booms fold forward for transport and lock
- Height adjustment is hydraulic
- Boom bottoms can be fitted with single or double 4 + 4 nozzles
- Boom tops can be fitted with 4 + 4 nozzles, cannons, or neither head

### SPECIFICATIONS:

Boom Model No.	Sprayer Model	Gals.	No. of Rows	No. of Nozzle Assy	Row Space	Max. Crop Height	Boom Clearance	Nozzle Positions	Type of Bottom Nozzles	Type of Top Nozzles
TS56MB55M12	T55S2-1200	300	2 - Full 2 - Half	6	7.5' - 10'	7 ft.	8 1/2 ft.	Bottom Only	4 Outlet Head	None
TS56MC55D12	T55S2-2000	500	2 - Full 2 - Half	6	9.5' - 13'	8 ft.	9 1/2 ft.	Bottom Only	4 Outlet Head	None
TS54M4CC55D12	T55E2-2000	500	2 - Full	8	9.5' - 13'	8 ft.	9 1/2 ft.	Top & Bottom	4 Outlet Head	Cannons