

# S P E C I F I C A T I O N S

**MODEL 500 SERIES**  
500 Gallon (1892.5 Liter) Tank

**MODEL 600 SERIES**  
600 Gallon (2271 Liter) Tank

TANKS	
Tank Material	304 Stainless Steel
Tank Diameter 500/600	47 Inches (1.2 Meters)/50 Inches (1.27 Meters)
Agitation	Stainless Steel Mechanical Paddle Agitation
FANS	
32-Inch Fan (820 mm) -12 Blades	30-60 Tractor Horsepower Recommended
36-Inch Fan (920 mm) -16 Blades	40-75 Tractor Horsepower Recommended
36-Inch Super Fan - 8 Blades	70-100 Tractor Horsepower Recommended
Fan Type/Material	Variable-Pitch, Axial Flow/Polyamide
32-Inch Fan Gearbox	2-Speed With Neutral
36-Inch Fan Gearbox	2-Speed With Neutral
36-Inch Super Fan Gearbox	Single Speed
POWER	
PTO	Constant Velocity, Walterscheid
CONTROLS	
Manual, Cable Type	Left-Right w/ Remote Bypass On High Pressure Pumps
Electric or Hydraulic	Optional
FLUID HANDLING	
Filter, Tank Neck	Basket Type With Strainer (Stainless or Plastic)
Filter, Suction	With Filter and Check Valve
Filter, Inline	Pressure Filter on Myers 2C95 & Bean 135 Pumps
Pressure Gauge - Centrifugal Pump	0-300 PSI (0-20 Bar) - Tank Front
Pressure Gauge - High Pressure Pump	0-1000 PSI (0-69 Bar) - Tank Front
AXLES/TIRES	
Axle Type	4-Way Adjustable, Height and Width
Standard Tire	12.5 X 15 (32-Inch), 14.1L X 16.1 (36-Inch & 36-Inch Super)
PUMPS	
Bertolini PA908, 3 Piston Diaphragm	24 GPM (91L) @ 540 RPM - 725 PSI (48.3 bar)
Bertolini PA144, 4 Piston Diaphragm	38 GPM (144L) @ 540 RPM - 725 PSI (48.3 bar)
Myers 2C95, 2 Stage Centrifugal	70 GPM (265L) @ 540 RPM - 160 PSI (11 bar)
Bean 135, 3 Piston Ceramic	35 GPM (132.2L) @ 540 RPM - 400 PSI (26.6 bar)
NOZZLES	
Ceramic Type	Double Rollover With Diaphragm Check Valves
Number of Nozzles	14 - (32-Inch Fan), 20 - (36-Inch Fan)
DIMENSIONS	
Length - 500/600 Gallon Tanks	180 Inches (4.5 Meters)
Outside Tire Width - 500 Gallon Tank	67 Inches (1.68 Meters)- Adjustable
Outside Tire Width - 600 Gallon Tank	69 Inches (1.73 Meters)- Adjustable
Height Range - 500 Gallon Tank	60.75 Inches (1.52 M) - 69.75 Inches (1.74 M)
Height Range - 600 Gallon Tank	62.5 Inches (1.56 Meters) - 71.5 Inches (1.79 Meters)
Ground Clearance - 500/600 Gallon Tanks	12 Inches (.30 Meters) - 26 Inches (.66 Meters)
OPTIONS	
SmartSpray	SmartSpray Ready
Top and Bottom Air Deflectors	Stainless Steel
Row Crop Volutes	Stainless Steel, One-Way and Two-Way
Pecan Volutes	Stainless Steel
Spray Tower	Stainless Steel
Vineyard Volutes and Scoops	Stainless Steel



Easy-opening 1/8 Turn, Hinged Tank Lid



Stainless Steel Basket-Type Strainer



0-1000 PSI Pressure Gauge



Double Rollover Nozzles



Top "V" Deflectors



REDLINE SERIES

500 GALLON

600 GALLON



CUSTOM  
HI-PERFORMANCE  
PTO AIRBLAST  
SPRAYERS



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## Building Sprayers Across Three Centuries...Since 1884



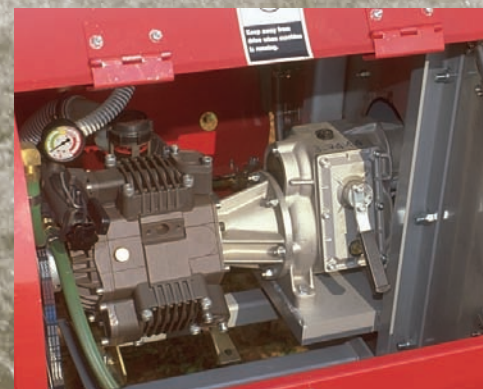
Rugged new "SureTrac" or conventional hitches available for both models. "SureTrac" connects to drawbar and 3-point hitch arms.



SmartSpray tree sensing technology reduces chemical, fuel and labor costs and cuts down on unwanted spray drift.



Cab-mounted SmartSpray controller gives up-to-the-second information on sprayer performance, including chemicals saved.



Bertolini PA 908 diaphragm pump is coupled to a 2-speed gearbox with a neutral position. (Other pump choices available.)



Positive "on" positive "off" double rollover drip-proof ceramic nozzles with diaphragm check valves ensure manifold stays full.



32-inch, 36-inch or 36-inch SUPER axial flow fans are available for both models. (The 36-inch SUPER Fan is shown here.)



### BEAN REDLINE SERIES 500 & 600 GALLON PTO AIRBLAST SPRAYERS

This new advanced modular design in airblast PTO sprayers delivers much greater efficiency in the manufacturing process and helps us hold the line on costs for you. With 20 models to choose from, you now have the flexibility to match your sprayer's power and performance to your individual needs with no compromise in construction quality or components. Add unmatched technical support, readily available parts, a top-notch dealer network, and there's no better way to protect your crops.

### BEAN'S POWERFUL AIR HANDLING SYSTEM IS THE ENVY OF THE SPRAYER INDUSTRY

- Powerful air system delivers powerful, but controlled, butterfly pattern for longer reach and more effective spray coverage
- Blower design creates streamlined air pattern that is easily adjustable for various crops
- Straightening and turning vanes work together to equalize air discharged from both sides of sprayer
- Unique duct design catches air from bottom of fan and diverts it back up into the shoulder area of air pattern
- Air handling system requires less horsepower and fuel and adapts well to adverse wind conditions
- Blower assembly features high-efficiency variable-pitch axial flow polyamide fan that adjusts for a variety of horsepower ranges



### SUPERIOR CONSTRUCTION FOR YEARS OF TROUBLE-FREE SPRAYING

- Stainless steel construction in all vital areas including spray manifolds and paddle agitators
- Heavy gauge stainless steel tanks and tank rails
- Tank bulkheads have rolled edges for additional strength
- Blower housings feature tough, chemical-resistant entrance and discharge vanes
- Stainless steel blower assembly and non-corrosive plumbing throughout
- Plumbing system is designed and sized to maintain even pressure throughout system
- Designed to spray high volume rates for oils and chemical thinners
- Can spray concentrate and dilute rates

### SMARTSPRAY TREE SENSING TECHNOLOGY

- Optional SmartSpray tree sensing technology can help reduce chemical, fuel and labor costs while minimizing chemical impact on the environment
- 500 and 600 gallon models are SmartSpray ready

## Build your own. It's as easy as 1,2,3

From the selections below, (1) choose the appropriate tank size number code, (2) choose a pump type code, and (3) choose your desired fan size code. That's all there is to it. Now all you have to do is contact your local John Bean dealer and give him the model number of your new sprayer. Be sure to include any special sprayer features and options with your order.

For Example: RedLine 557 (Code 5 = 500 Gallon Tank) (Code 5 = Bean 135 Pump) (Code 7 = 36-Inch Fan)

### CHOOSE YOUR TANK SIZE

- 1** Tank Code
- 5 500 Gallon Tank
  - 6 600 Gallon Tank

### CHOOSE YOUR PUMP TYPE

- 2** Pump Code
- 2 Bertolini PA908
  - 3 Bertolini PA144
  - 4 Myers 2C95
  - 5 Bean 135

### CHOOSE YOUR FAN SIZE

- 3** Fan Code
- 8 32 Inch Fan
  - 7 36 Inch Fan
  - 6 36 Inch Super

*Come on! Build your own sprayer right now !*

Write Your Tank Code Here    Write Your Pump Code Here    Write your Fan Code Here    List Your Options/Features Here