

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

MODEL 300 SERIES
300 Gallon (1134 Liter) Tank

MODEL 400 SERIES
400 Gallon (1514 Liter) Tank

TANKS	
Tank Material	304 Stainless Steel
Tank Diameter	40 Inches (1 Meter)
Agitation	Stainless Steel Mechanical PaddleAgitation
FANS	
32-Inch Fan (820 mm)	40-60 Tractor Horsepower Recommended
Fan Blades/Material	12-Bladed/Polyamide
Fan Type	Variable-Pitch, Axial Flow
Gearbox	2-Speed With Neutral
Fan Shroud	Galvanized
Manifolds	Stainless Steel
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
Sight Gauge	Exterior Sight Tube
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	11L X 15
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, Positive Displacement	35 GPM (132.2L) @ 540 RPM - 400 PSI (26.6 bar)
NOZZLES	
Ceramic Type	Double Rollover With Diaphragm Check Valves
Number of Nozzles	14
DIMENSIONS	
Length - 300 Gallon Tank	160 Inches (4.06 Meters)
Length - 400 Gallon Tank	178 Inches (4.52 Meters)
Outside Tire Width - 300/400 Gallon Tanks	60 Inches (1.52 Meters)
Height - 300/400 Gallon Tanks	53 Inches (1.34 Meters) - 62 Inches (1.57 Meters)
Ground Clearance - 300/400 Gallon Tanks	7 Inches (.18 Meters) - 14.5 Inches (.37 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
Straightening Vanes	Stainless Steel



Easy-opening 1/8 Turn, Hinged Tank Lid



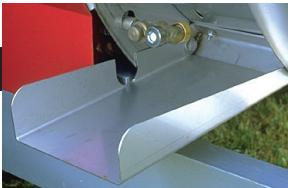
Plastic Basket-Type Strainer



0-1000 PSI Pressure Gauge



Double Rollover Nozzles



Lower Air Deflectors



REDLINE SERIES
300 GALLON
400 GALLON



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PTO AIRBLAST
SPRAYERS



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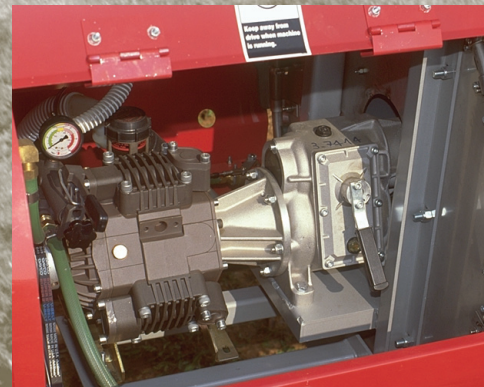
Rugged new "SureTrac" or conventional hitches available for both models. "SureTrac" connects to drawbar and 3-point hitch arms.



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



SmartSpray controller gives up-to-the-second info on sprayer performance, including chemicals saved vs. traditional spraying.



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(820mm) 12-bladed, axial flow fan is available for 300 or 400 gallon models. 40-60 tractor horsepower is recommended



BEAN REDLINE SERIES 300 & 400 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 10 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.

COMPACT, LOW PROFILE DESIGN IS PERFECT FOR TIGHT PLANTINGS

- Ideal for all fruits, nuts, grapes, row crops and ornamental trees
- Compact, streamlined tank and frame designed for tight plantings
- Can handle 90 degree turns with no vibration or loss of power
- Two-speed gearbox with a neutral position delivers a variety of horsepower and performance ranges
- Air discharge system boosts performance by creating even air flow across discharge opening
- Blower assembly features high-efficiency, variable-speed, variable-pitch polyamide fan that can adjust for a variety of horsepower ranges
- Double roll-over ceramic nozzles with individual cutoffs keep manifold full
- Rugged conventional hitch or new "SureTrac" hitch available for all models



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 discharge vane
- Galvanized 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
- 300 and 400 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. Remember, all RedLine sprayers are available with conventional hitches or our new "SureTrac" tracking hitch. Be sure to include any special sprayer features and options with your order.

For Example: RedLine 358 (Code ③ = 300 Gallon Tank) (Code ⑤ = Bean 135 Pump) (Code ⑧ = 32-Inch Fan)

CHOOSE YOUR 1 TANK SIZE

Tank Code

- ③ 300 Gallon Tank
- ④ 400 Gallon Tank

CHOOSE YOUR 2 PUMP TYPE

Pump Code

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

CHOOSE YOUR 3 FAN SIZE

Fan Code

- ⑧ 32 Inch Fan

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