

TA 1200 • TA 1600 • TA 2400
Pull-type sprayers
TOP AIR

TA 1200 • TA 1600 • TA 2400

T-Tank Sprayers

BEYOND COMPARISON

Not all sprayers are created equal.

The Premier line of Top Air® T-Tank sprayers by Unverferth is equipped with more standard features than any other pull-type sprayer on the market. They can help you spray more acres, in less time and with less operator fatigue. Combine these features along with long-lasting quality, and you'll see why Top Air T-Tank sprayers truly are "beyond compare."



TA 1600 with 120' boom

TA 2400 with 120' boom

TA 1600 with 120' boom



Suit Your Spraying Needs to a "T"



The Top Air® Premier series of T-Tank sprayers feature the largest capacities and boom sizes for covering maximum acres in minimum time. Plus, owning your own pull-type sprayer lets you maximize your horsepower investment while spraying on your schedule, not someone else's.

The Premier line of Top Air T-Tank sprayers offers a variety of choices for unmatched performance and operator convenience:

- Independent rubber-cushioned axle suspension for smoother ride and extended tank life
- Environmentally friendly FLO-BAK® ball valves for enhanced sprayer efficiency
- Electric agitation keeps spray solution in proper suspension
- Sump containment tank for spraying efficiency on sidehills
- Adjustable-width axles
- Stainless steel wetboom and hardware for durability
- Compact tri-fold, front-folding booms for transport safety and convenience
- Dual-spray widths (80' – 60'; 90' – 60'; 100' – 60'; 120' – 90'; 132' – 88')
- Variety of undercarriage options (singles, duals, tracks) to meet your specific needs

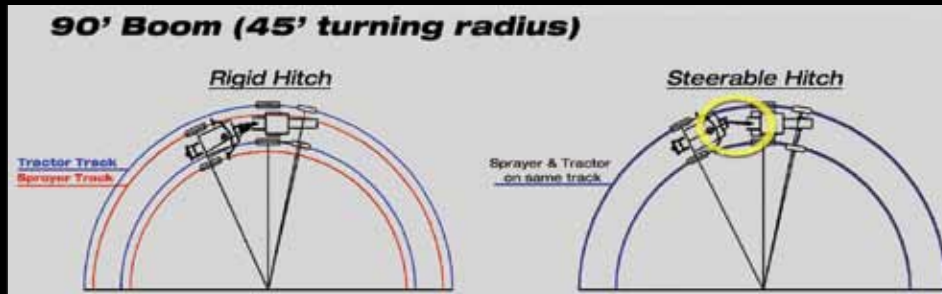


TA 2400 with 132' boom

STAY ON TRACK WITH THE TOP AIR® STEERABLE HITCH

You'll minimize the amount of run-down crop while creating just one set of tracks on the headlands with the Top Air steerable hitch option available on the TA 2400 and TA 1600 T-Tank sprayers. Available with ISO, 4400 or stand-alone controllers.

- Automatic setting – sprayer follows tractor on turns and headlands without any operator involvement
- Manual setting – locks the hitch in the standard position for road travel



TRAILER AND TANK

FEATURES AND BENEFITS



- Dual-agitation nozzles provide a 5:1 mixing ratio to keep the spray solution properly suspended. Standard electric agitation allows for remote control of agitation valve from tractor cab.
- Containment tank acts like a sump within a sump for holding the last 30–50 gallons of liquid on side-hills and inclines to maintain a primed pump.
- Dual-rinse nozzles for complete and quick cleanout when changing from one chemical solution to another.
- Stainless steel baffle for load stabilization.



- The rubber-cushioned, independent axle suspension allows the right and left axles to independently pivot, providing the smoothest ride over the roughest terrain (standard on the TA 1600 and 2400, optional on the 1200).



- Experience faster loading when filling from ground level with the 2" or 3" quick fill (2" standard on the TA 1200 and 1600; 3" standard on the TA 2400, optional on the 1200 and 1600). For easy access to the top of the tank, utilize the large 16" lid.



- Hitch height is adjustable from 1' 10" to 2' 2". An optional 2-point hitch allows for better distribution of tongue weight on larger sprayers.

- A** Tank volume indicator with red float for easy viewing from tractor cab.
- B** A 9-gallon clean-water rinse tank with an eyewash tube and spout for quick response is standard.
- C** Ladder with gas-strut assist for easy raising and lowering allows convenient platform access even when its compact boom is folded.
- D** Pivoting pressure gauge for viewing from tractor cab or command center.
- E** Top surface of the sprayer tank is designed to channel spilled liquid rearward, away from the operator for enhanced safety.
- F** Ample 30" underframe clearance for spraying taller crops.



- Standard FLO-BAK® ball valves automatically return any remaining liquid in the plumbing at the time of shut-off back to the tank rather than wasting it out of the boom. This feature is environmentally friendly by greatly reducing over-application and saves you chemical and money with each shut-off!



- The far end of the boom, equipped with regular valves, is still spraying 2 seconds after shut-off, while the near side of the boom, equipped with FLO-BAK® valves, shuts off nearly instantaneously.



The Astro II GPS receiver system uses GPS sensors, instead of magnetic wheel sensors, for the most accurate speed measurement. The Astro is easily installed and is not affected by crop canopy or tough field conditions.



Yellow or gray tank with contrasting green or red powder-coated trailer provides corrosion resistance and a long-lasting, high-quality finish. Lighting, reflective striping and transport chain are standard and provide safer road travel.



A

B

C

D

E

F

TA 1600 with 120' boom

BOOM

FEATURES AND BENEFITS

120' and 132' BOOM FEATURES



- Side-mounted shock absorbers add cushioning and support to ensure level boom performance.
- 3-D design provides added strength and durability.
- Central pivot design, along with springs and shock absorbers on the center section, provide superior boom leveling.



Top-mounted cushioning system provides yaw protection.



Hydraulic accumulators on lift cylinders and wing tilt provide 16" of vertical travel independent of the trailer for optimum leveling in extreme field conditions.



TA 2400 with 120' boom

80', 90', and 100' BOOM FEATURES



- The center section features both dual springs and shock absorbers for ideal cushioning.
- To keep the boom perpendicular to the trailer, yaw-dampening springs are designed into the main boom sections.
- Ball valves mounted on the boom for the quickest response and more accurate coverage.



Hydraulic accumulators on lift cylinders and wing tilt provide 16" of vertical travel independent of the trailer for optimum leveling in extreme field conditions.

COMMON BOOM FEATURES



The boom's closeness to the trailer provides optimum rigidity and less stress for extended boom life. You can control the boom height on the go, from 19" to 76" (over 57" of vertical boom travel), meeting the most demanding spray requirements.



Wing locks hydraulically engage and mechanically lock the first and second sections to operate as a continuous wing.



Outer wing sections feature a spring-loaded breakaway system that allows the boom wing to quickly return to spraying position should it come in contact with an obstruction.

TA 1200 with 90' boom



COMMON BOOM FEATURES



- The 90' and 120' booms offer dual boom lengths and foam marking when equipped with the optional foam marker. The 90' boom will also spray at 60' and the 120' boom will spray at 90'. The 80' boom will spray at 60' and the 132' boom will spray at 88'.
- For spraying over uneven terrain, the boom wings are hydraulically adjustable to tilt from 15 degrees above to 5 degrees below horizontal for uniform spray application.
- Standard triple-nozzle spray bodies enable you to easily change from one application to another (15" or 20" nozzle spacing).
- High-quality corrosion-resistant finish with stainless steel hardware provides added durability.
- Stainless steel wet-boom provides a tough and durable design that provides quick response time with few joints and connections.



- The parallel-lift system provides smooth boom-height adjustment and superior crop clearance.



Auto boom leveling

VARIOUS BOOM COVERAGES

BOOM SIZE	AVERAGE MPH	ACRES PER HOUR	HOURS PER TANK @ 10 GPA		
			1200	1600	2400
80'FF	5	48.5	2.50	3.25	—
80'FF	6	58.2	2.40	3.20	—
80'FF	8	77.5	1.54	2.00	—
80'FF	10	97.0	1.23	1.64	—
80'FF	12	116.0	1.03	1.38	—
80'FF	14	136.0	0.88	1.17	—
90'FF	5	54.5	2.20	2.93	—
90'FF	6	65.5	1.83	2.44	—
90'FF	8	87.0	1.37	1.83	—
90'FF	10	109.0	1.10	1.46	—
90'FF	12	131.0	0.91	1.22	—
90'FF	14	153.0	0.78	1.04	—
120'FF	5	72.5	—	2.20	3.31
120'FF	6	87.0	—	1.83	2.75
120'FF	8	116.0	—	1.37	2.06
120'FF	10	145.5	—	1.09	1.64
120'FF	12	174.5	—	0.91	1.37
120'FF	14	203.6	—	0.78	1.17
132'FF	5	80.0	—	2.00	3.00
132'FF	6	96.0	—	1.66	2.50
132'FF	8	128.0	—	1.25	1.87
132'FF	10	160.0	—	1.00	1.50
132'FF	12	192.0	—	0.83	1.25
132'FF	14	224.0	—	0.71	1.07

Times and measurements may vary based upon spraying conditions.

TIRES AND TRACK OPTIONS/SPECIFICATIONS



TRACK FEATURES

The exclusive Top Air® track system offers many unique features.

- Unique triangular design allows for greater under-frame crop clearance.
- A 14.5" wide by 67" long footprint ensures greater flotation and easier spraying of taller crops. The short wheelbase provides easy turning, less crop damage and minimal berming on headlands. Track axle is adjustable from 80" to 120"
- The tough and rugged design provides a unique mounting with the sprayer's independent axle, giving the tracks the ability to ride over headlands and rough terrain with ease.
- Spring-loaded, self-tensioning idler.
- Self-cleaning idler wheels ensure proper alignment in all conditions.

WHEEL AND TIRE FEATURES

- Infinitely adjustable axle — from 60" to 120" — accommodates a variety of wheel sizes and meets virtually any row crop spacing.
- Easily converts from singles to duals with hub extensions and outer wheels.

TA 1200

TIRE SIZE	TOTAL SURFACE AREA (SQ. IN.)	LOADED GROUND PRESSURE (P.S.I.)*	
		90' BOOM	
320/90x46 R-1 146 LI	380	36.6	
480/80x42 R-1 151 LI	670	20.8	
380/90x46 R-1 8 Star	550	25.3	
320/90x46 R-1 146 LI (Duals)	760	18.3	
380/90x46 R-1 8 Star (Duals)	1100	12.7	
270/95x48 R-1 146 LI (Duals)	696	20.0	

TA 1600

TIRE SIZE	TOTAL SURFACE AREA (SQ. IN.)	LOADED GROUND PRESSURE (P.S.I.)*	
		90' BOOM	120' BOOM
380/90x46 R-1 8 Star	550	33.0	37.5
480/80x42 R-1 156 LI	670	27.1	30.8
320/90x50 R-1 156 LI	430	42.2	47.9
380/90x46 R-1 8 Star (Duals)	1100	16.5	18.7
320/90x46 R-1 146 LI (Duals)	760	23.9	27.1
320/90x50 R-1 156 LI (Duals)	860	21.1	24.0
270/95x48 R-1 146 LI (Duals)	696	26.1	29.6
Tracks	1943	9.3	10.6

TA 2400

TIRE SIZE	TOTAL SURFACE AREA (SQ. IN.)	LOADED GROUND PRESSURE (P.S.I.)*	
		132' BOOM	
380/90x54 R-1W 152 LI (Duals)	1220	23.4	
480/80x50 R-1W 159 LI (Duals)	1728	16.5	
320/90x50 R-1W 156 LI (Duals)	860	33.2	
620/70x42 R-1W 166 LI	930	30.7	
Tracks	1943	14.7	

*All ratings and figures are approximate and calculations may vary based upon chemical and soil conditions.

ACCESSORIES

Boom light kit for spraying at night provides greater operator visibility



The 15-gallon chemical inductor lowers to waist level and is equipped with a large lid for easy filling. It offers high-speed chemical induction and utilizes the pressure side of the pump for better mixing of wettable powders and greater pump life. It has a spring assist for returning to storage position and features a container rinse.



Wireless command center for a cleaner tractor cab while also offering a quick and easy way to calibrate tips from behind the boom.



Boom wheel kit protects the outer boom sections in uneven field terrain.



The fence-row nozzle kit comes with an angled tip for each boom end and in-cab controls for easily spraying end rows.



Compact handheld controller offers simple operation of the wing tilt, spray solution and foam marker functioning for operator ease.



The foam marker uses water from the rinse tank and mixes solution at the boom for a consistent and highly visible foam. It is conveniently housed adjacent to the storage bin and comes with in-cab controls for operator convenience. Foam marker tray slides out for easy maintenance.

ELECTRONIC OPTIONS

Take operator ease to a whole new level with these electronic options.



4400 Controller

This controller console merges 3- to 7-boom section spraying control with data logging. It is also designed to accept the AutoBoom height control and Top Air steerable hitch option.



ISO System

Optimize the tractor's ISO system by controlling sprayer functions directly on the tractor's display. This "plug-n-spray" feature allows for quick setup, easy spraying operation and less tractor cab clutter. Available on select ISO equipped tractor models. Contact your nearest dealer for details.



Wheel AutoBoom leveling

Wheel-based sensor with controller automatically maintains boom leveling for operator ease.



Sonar AutoBoom leveling

Sonar sensor and controller uses a sonar signal to sustain boom leveling and comes with a controller for adjusting sensitivity.



AccuBoom automatic boom shutoff available on most ISO systems.
Check your tractor dealer for availability.

SPECIFICATIONS*

SPECIFICATIONS	TA 1200		TA 1600		TA 2400
	80' BOOM	90' BOOM	90' BOOM	120' BOOM	132' BOOM
Tank capacity	1,200 gallons		1,600 gallons		2,400 gallons
Rinse tank capacity	140 gallons		165 gallons		165 gallons
Sump containment tank	30-50 gallons		30-50 gallons		30-50 gallons
Tank thickness	3/8"		3/8"		3/8"
Tank material	Polyethylene		Polyethylene		Polyethylene
Overall length	22' 7"	22' 7"	22' 7"	25' 3"	25' 3"
Overall height	10'	10' 3"	10' 3"	11' 10"	11' 10"
Under boom height (folded)	6' 4"	6' 4"	6' 4"	6' 4"	6' 4"
Underframe clearance	30"	30"	30"	30"	30"
Hitch to axle	15' 10"	15' 10"	15' 10"	18' 8"	18' 8"
Transport width	12'	12'	12'	12'	12'
Tongue weight — full	4,100 lbs.	4,500 lbs.	5,000 lbs.	5,200 lbs.	6,750 lbs.
Empty weight	8,260 lbs.	8,420 lbs.	9,820 lbs.	12,480 lbs.	15,320 lbs.
Water weight	9,996 lbs.		13,328 lbs.		19,992 lbs.
Loaded sprayer weight	18,256 lbs.	18,416 lbs.	23,148 lbs.	25,808 lbs.	35,312 lbs.
Weight on tires	14,156 lbs.	13,916 lbs.	18,148 lbs.	20,608 lbs.	28,562 lbs.
Hubs	10-bolt		10-bolt		10-bolt
Spindle diameter/material	3 3/4" (high-tensile steel)		3 3/4" (high-tensile steel)		3 3/4" (high-tensile steel)
Hitch height	1' 10"–2' 2"		1' 10"–2' 2"		1' 10"–2' 2"

*As we continually strive to improve our products, all specifications herein are subject to change without notice or obligation.



With over 25 years in the field, Top Air® sprayers have become synonymous with sprayer innovations. Convenience, application precision, enhanced operator safety and ease of use make the TA 1200, TA 1600 and TA 2400 sprayers your best choice for spraying efficiency.

We invite you to stop by your nearest Top Air dealer today and experience for yourself the overall value Top Air can add to your operation.

For more information, and to watch these sprayers in action, visit us at topairequip.com, or see your nearest dealer for a FREE product DVD.

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