

Ultra Light Millennium Spray Boom

Premium Design, Componentry, and Fabrication Processes



Premium Engineered Design - Quality Built In

- Utilize Hi Grade Aluminum (6061-T6) for ultimate strength, reliability and investment longevity.
- Structure designed for reduced welds (specially designed extrusions utilized throughout boom structure) and integration of critical component placement (cylinders, plumbing, electrical, hydraulics).



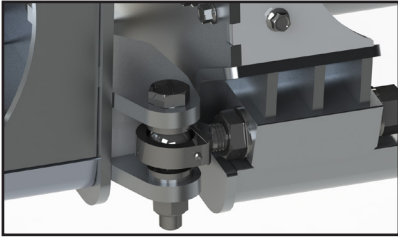
- Primary top cylinder bracket networked in key structure for extended, reliable lift performance.
- Secondary fold cylinders nested in framework for reliable, precise folding action.
- Clean, open structural design for strategic placement of critical components (minimizes pressure drop) and easy visibility of key spray operating systems
- Critical lubrication points strategically placed for convenient, easy system maintenance.



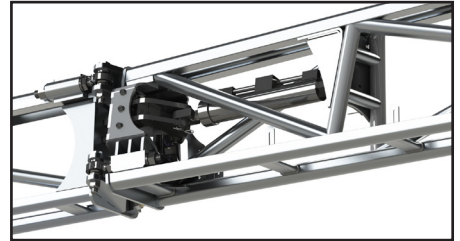
- Valves and strainers positioned for easy service access.
- Designed for flexible adaptation to multiple sizes and brands of sprayers providing for optimal inventory utilization and market supply flexibility.

Best in Industry Components - Quality Packaged

- Bolt on high strength hinge assemblies for smooth extended life and maintenance.
- Custom hinge rod ends exclusively fabricated with hi-grade 4140 steel.



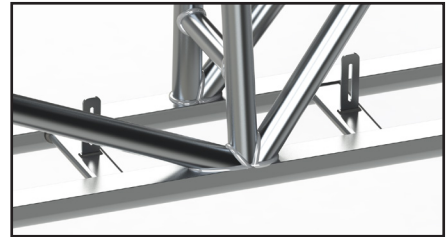
- Hardware “armor coated” for ultimate protection to chemicals, reducing corrosion.
- Integrated pressure relief valving optimizing boom load balance.
- “Pro Flo” nozzle bodies for superior flow range capability, positive turret detent action, low pressure drop and superior durability.



- “Express” air purging and clamping system for quick spray control, reduced chemical loss, easy systems flushing and simple, reliable repair.
- Hi grade schedule 5 stainless steel tubing; durable while light weight.

Leading Edge Fabrication - Quality Process Steps

- Modular spray bars pre-fabricated and pressure tested to assure accurate, reliable spray performance
- Engineered Welds: joints positioned for optimal weld access and placement, flats to flats integrated into design where possible
- Lean manufacturing steps to optimize reliability of systems (consistent fabrication, assembly and final quality validation)
- Strategic component use and placement for optimal weight content and distribution



Customer Investment Value - Quality Spray Performance

- Light weight system for superior machine maneuverability
- Extended product life - rugged design, best in industry components and precision fabrication
- Best in industry wet system controls for optimal spray management

