

## TRAILER SPECIFICATIONS—STANDARD EQUIPMENT

Trailer Frame	2" x 8" x 3/8" - Hitch Frame 4" x 8" x 3/8" Design Rated at 300+ H.P.
Tank	1000 or 1300 Gallon Poly - 16" Hinged Lid - 5" Deep Sump
Cross Axle	Reinforced 4" x 6" x 1/2"
Wheel Centers	120"
Spindles	3 1/8" High Strength Steel, Gusseted
Hubs	10 Bolt - 12,000 lb. Capacity
Rims	12"/10 Bolt
Hitch	Combination Pintle/Clevis - 76,000 lb. Capacity
Tire Options	380/90R 46 Radial 152A8 Rating or 14.9R 46 - 8★

Rinse/Flush System	100 Gallon With Dual 360° Rinse Balls
Agitation System	Full Length Stainless Steel Sparger Tube
Quick Fill	Rear Mounted 2" Bottom Fill (Also Serves As Tank Drain)
Pump	Ace 150F-Hyd-304 Hydraulic - 160 Gpm Maximum Flow
Boom Control Valves	High Volume Plumbing with 300 psi KZ #CV-M Motorized Ball Valves (4) on 80 ft. and (5) on 90 ft.

## BOOM SPECIFICATIONS—STANDARD FEATURES

Booms	5-Section, 80 or 90 ft. Fully Hydraulic Rear Fold, Complete With All Cylinders And Hoses. 11 1/2 ft. Shock Absorber Cushioned Outer Breakaways.
Boom Suspension	Spring Loaded, Self-leveling Linkage Plus Accumulator Cushioning
Boom Lift	Dual Vertical Slide With Hydraulic Accumulator Cushioning and 48" Lift
Boom Hydraulic Controls	Fasse Brand "Max Stack" With In-Cab Console. Performs All Boom Functions (Raise/Lower/Tilt/Fold) Using One Tractor Remote Outlet. Compatible with Open/Closed Center Hydraulic Systems. Spring Cushioned Boom Touch-Down Wheels w/Auto Wing Lift Feature.
Spray Boom Plumbing	Non-drip, 3/4" Triple Nozzles On 20" Centers With Caps And Gaskets. (Less Spray Tips) Stainless Steel Mounting Hardware.

Boom Spray Height	20" Minimum/68" Maximum
Transport Height	12' 6 1/2"
Transport Width	11' 3" (Tires Are Widest Point)
Underframe Clearance	44"
Total Weight	9100 lbs. (Empty)
Tongue Weight	2550 lbs. (Full Tanks - Boom In Working Position)

See The Complete Line  
of Century Sprayers Including  
125-1000 Gallon Models at  
[www.hiniker.com](http://www.hiniker.com)



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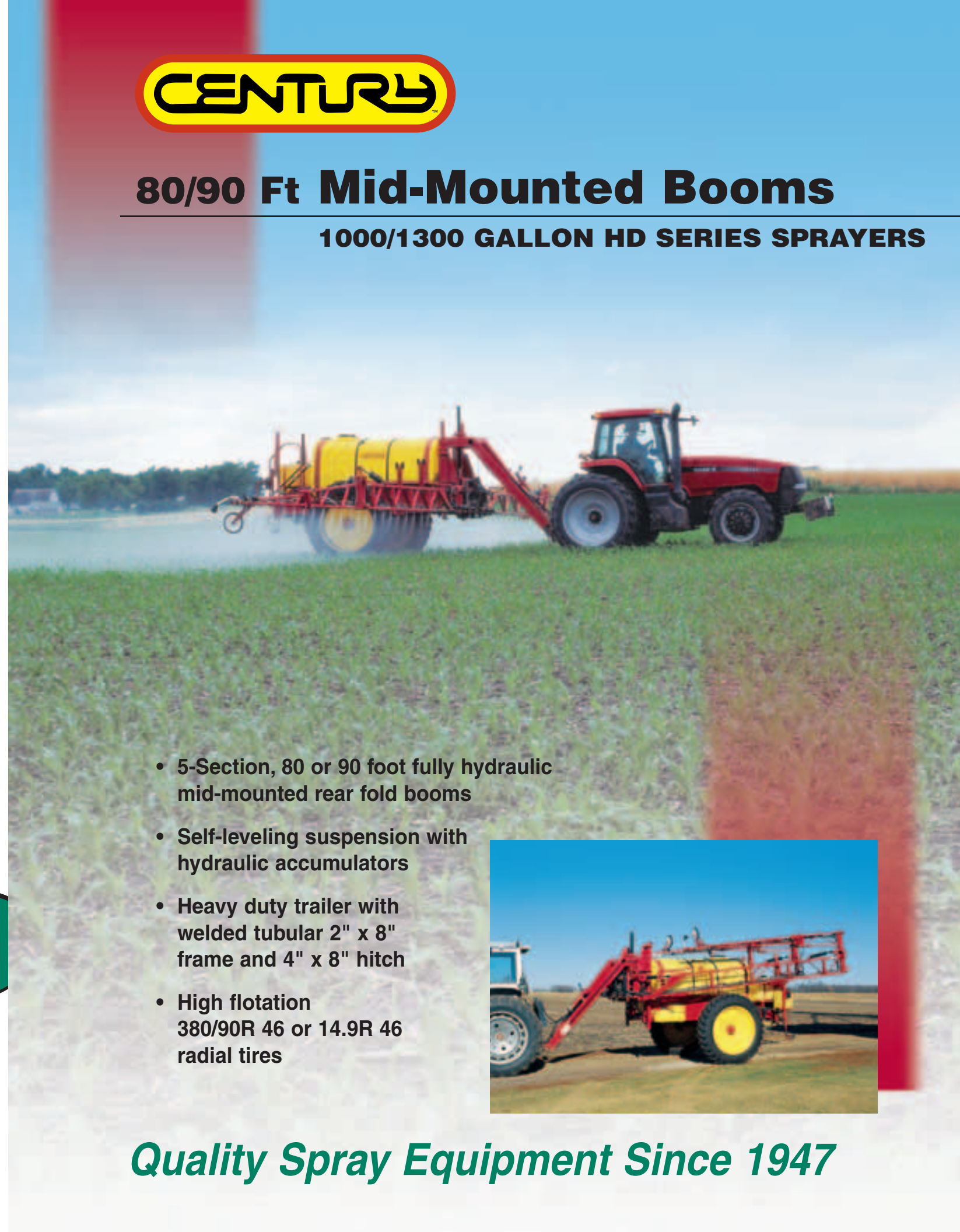
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Patent applied for.



## 80/90 Ft Mid-Mounted Booms

**1000/1300 GALLON HD SERIES SPRAYERS**



- 5-Section, 80 or 90 foot fully hydraulic mid-mounted rear fold booms
- Self-leveling suspension with hydraulic accumulators
- Heavy duty trailer with welded tubular 2" x 8" frame and 4" x 8" hitch
- High flotation 380/90R 46 or 14.9R 46 radial tires



**Quality Spray Equipment Since 1947**

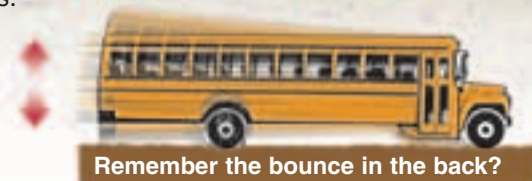
# The Mid-Mount Advantage



## Better Design—Better Results

Positioning booms midway between the tractor wheels and trailer tires results in a much smoother ride compared to rear mounted booms. Century offers 1,000 or 1,300 gallon tanks with 80 or 90 foot booms. A better design yields better results:

- **Significantly reduces vertical shock** to boom components compared to rear mounted units which often cantilever booms 3 to 4 feet behind trailer axles.
- **Higher field speeds** are possible, increasing productivity and making maximum use of favorable spraying conditions.
- Greatly **improves visibility** of spray nozzles and boom ends.
- Allows shorter wheelbase design for **better tracking** on hillsides and contours.
- Rear fold design provides **plenty of boom to tractor cab clearance** during short turns.
- Allows rear positioning of fill components: **no need to fold booms when filling**: simply back up to nurse vehicle to fill and “spray away”.



Remember the bounce in the back?

Positioning booms in a mid-mount position (midway between the tractor wheels and trailer wheels) results in a much smoother ride compared to rear mounted booms which are often positioned 3-4 feet behind the trailer axle.

## Mid-Mount Versatility & Convenience



**HINIKER**  
RATE CONTROLLER  
**8605**



A quality sprayer deserves a quality control system and the optional Hiniker 8605 delivers.

- Dual auto rates
- Stainless steel flowmeters
- Wheel or radar adaptable speed sensing
- Rapid response stepper valve rate adjustment

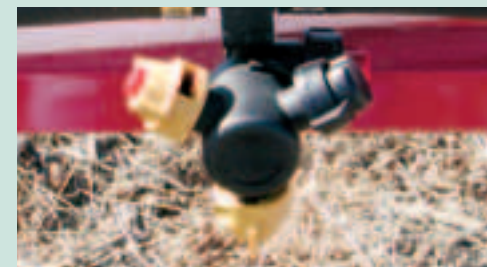
Get reliable, accurate application rates at the touch of a button.



**Hydraulic accumulators** are provided on main and wing lift cylinders to provide shock cushioning and are combined with spring centered, self-leveling linkage to assure a smooth boom ride.



Eleven-foot outer wing is protected by a self-returning, **shock absorber** dampened breakaway system.



Non-drip, **triple nozzles** on 20" spacing are provided as standard equipment. Tip selection is accomplished with just a twist. Boom clamps are stainless steel. An adjustable auxiliary spray nozzle is located behind each Trailer Tire.



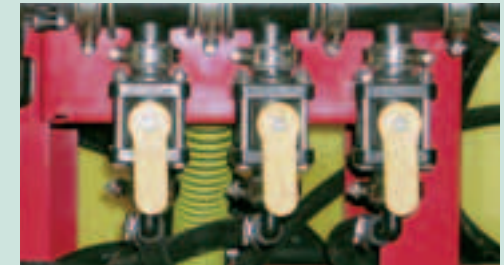
Boom on/off functions are controlled by 300 psi **motorized ball valves** for long life and high flow capacity. (4) on 80 ft. or (5) on 90 ft.



All boom functions are **hydraulically controlled** from the in-cab console. Boom lift, lower, wing lift and fold functions require only one tractor remote.



100-gallon clean water tank feeds dual 360-degree **in-tank rinse balls** to provide quick and easy in-field rinsing of both tank and boom plumbing.



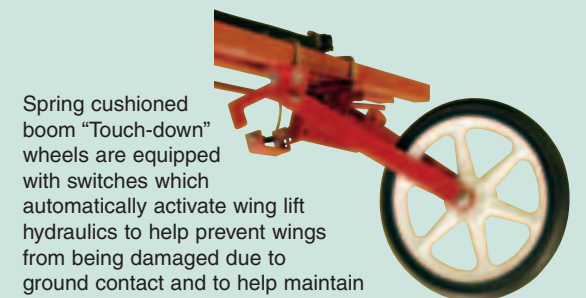
Conveniently located **control manifold** provides easy access control of agitation, bypass and rinse functions. Flanged fittings are used where possible.



Ace Hyd 150F-304 **hydraulic pump** provides reliable, high-volume flow with ample capacity for agitation requirements.



Century's optional **foam marker** provides 14-gallon capacity, dual drop bells and in-cab control console.



Spring cushioned boom “Touch-down” wheels are equipped with switches which automatically activate wing lift hydraulics to help prevent wings from being damaged due to ground contact and to help maintain a minimum Tip-To-Target distance. Visual and audible alarms are activated to alert operator when height adjustment has been made.

Mid-Mount Features and Options