



Kelley Engineering LLC

3367 West 1150 South ◦ Brookston, IN 47923

www.kelleyeng.com ◦ info@kelleyeng.com

Ph/Fax: 765-563-3426

Sprayers

HD 1000 SERIES WITH 80/90 FT BOOMS



- 5-Section, 80 or 90 foot fully hydraulic front fold booms
- Self-leveling suspension with hydraulic accumulators
- Heavy duty trailer with welded tubular 2" X 8" frame
- High flotation 380/90R 46 radial tires



Quality Spray Equipment Since 1947

A Commitment to Quality

CENTURY



80 FT/90 FT FRONT FOLDING BOOMS

Century continues its tradition of quality and value with its HD 1000 series sprayers with 80 or 90 foot hydraulic folding booms. A long list of **standard features** offers a combination of convenience, reliability and acre-eating capacity to help you make the most of today's excellent choices of weed control products.

Quality manufacturing, rigid structural integrity



Hydraulic accumulators are provided on main and wing lift cylinders to provide shock cushioning and are combined with 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.



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.

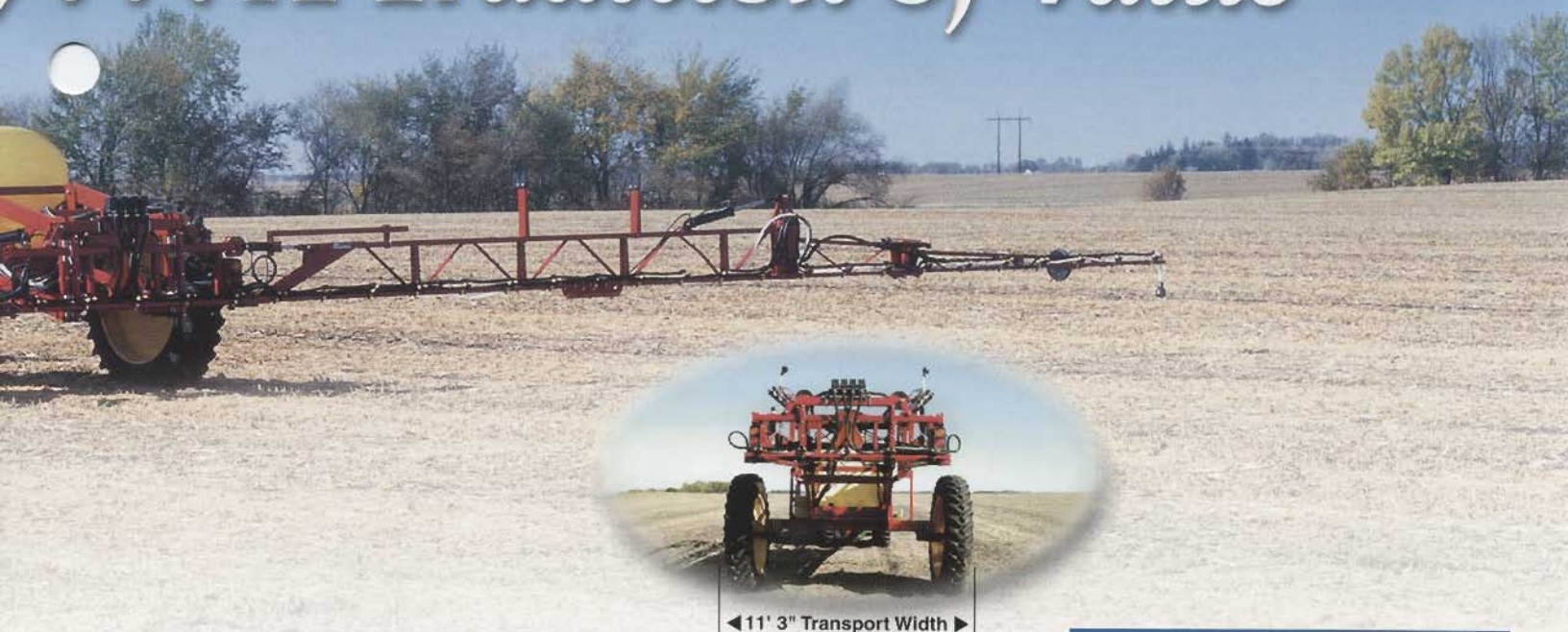


Conveniently located **control manifold** provides easy access control of agitation, bypass and rinse functions.



Ace Hyd 206 **hydraulic pump** provides reliable, high-volume flow with ample capacity for agitation requirements.

... A Tradition of Value



and reliable performance add up to a solid investment in application equipment.

Every Century HD 1000 Sprayer features:

- Consistent tip to target distance with Century's self-leveling suspension
- Narrow compact fold for convenient transport and storage
- Well designed, easy to operate controls combined with quality construction and components



Boom on/off functions are controlled by **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 tilt and fold functions require only one tractor remote.



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



The optional **three-gallon inductor** provides convenient liquid chemical loading, thorough mixing of products and reduced exposure to chemicals.

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.

HINIKER

TRAILER SPECIFICATIONS—STANDARD EQUIPMENT

Trailer Frame	2" x 8" x 3/8"
Tank	1000 Gallon Poly - 16" Hinged Lid - 5" Deep Sump
Cross Axle	4" x 6" x 1/2"
Wheel Centers	120"
Spindles	3 1/8" High Strength Steel, Gusseted
Hubs	10 Bolt - 12,000 lb. Capacity
Tires	380/90R 46 Radial 152A8 Rating
Rims	12"/10 Bolt
Hitch	Combination Pintle/Clevis - 76,000 lb. Capacity

Rinse/Flush System	100 Gallon With Dual Rinse Balls
Agitation System	Full Length Stainless Steel Sparger Tube
Quick Fill	2" Bottom Fill (Also Serves As Tank Drain)
Pump	Ace Hyd 206 Hydraulic - 120 Gpm Maximum Flow
Boom Control Valves	Teejet® 440 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 Front Fold Complete With All Cylinders And Hoses
Boom Suspension	Spring Loaded, Self-leveling Linkage Plus Accumulator Cushioning
Boom Lift	Parallel Link With Dual 4 x 16 Cylinders With Hydraulic Accumulator Cushioning
Boom Hydraulic Controls	Fasse Brand "Max Stack" With In-Cab Console Performs All Boom Functions (Raise/Lower/Tilt/Fold) Using One Tractor Remote Outlet
Spray Boom Plumbing	Non-drip, 3/4" Triple Nozzles On 20" Centers With Caps And Gaskets (Less Spray Tips)

Boom Spray Height	23" Minimum/73" Maximum
Transport Height	12' 6 1/2"
Transport Width	11' 3" (Tires Are Widest Point)
Underframe Clearance	44"
Axle Tube Clearance	38"
Total Weight	7300 lbs. (Empty)

See The Complete Line
of Century Sprayers Including
125-1000 Gallon Models at
www.hiniker.com



CENTURY SPRAYERS

A PRODUCT OF HINIKER COMPANY

58766 240 St. • PO Box 3407 • Mankato, MN 56002-3407
Phone (507) 625-6621 • Fax (507) 625-5883

www.hiniker.com

Kelley Engineering LLC

3367 West 1150 South • Brookston, IN 47923

www.kelleyeng.com • info@kelleyeng.com

Ph/Fax: 765-563-3426