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EQUIPMENT TECHNOLOGIES

Equipment Technologies was founded in 1997, with one goal in mind: Build the best and most reliable agricultural sprayers. While other ag equipment manufacturers have dabbled in everything from combines to sprayers to lawn mowers, we’ve stayed true to our vision since the beginning. We focus all of our engineering power on creating the best ag sprayers in the industry and then we put all our cards on the table with the industry’s best 5-year limited warranty. Now when the house wins, so do you.



WHY CHOOSE BRUIN?

After years of proven performance as the leading self-propelled hydrostatic sprayer in Europe, Bruin Sprayers were re-engineered for durability required by North American farmers and custom applicators. Bruin Sprayers are available in two models: HS700 (700 gallon) and HS1100 (1,120 gallon) and backed by the industry’s best 5-year limited warranty.



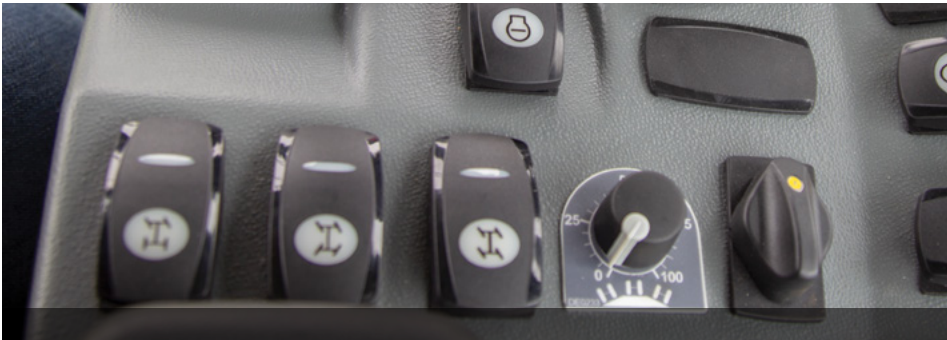
CLEAR ANY CROP (OR A GROWN MAN)

Spray later into the season than ever before! The HS1100 sprayer adjusts automatically on-the-go from 60 to 70 inches — making it the tallest rear boom sprayer in North America.



HYDRAULIC BOOM HEIGHT ADJUSTMENT

Ensure boom height is optimal for the crop you're spraying — the rear hydraulic lift allows you to higher later in the season when crops are tall.



FOUR-WHEEL STEER

Four-wheel steering ensures that the rear wheels stay on the path and includes slope compensation with back axle correction for better control on hills and headlands — lessening crop damage during spraying. Crab steer mode allows for enhanced mobility in tight places.



FIVE-YEAR LIMITED WARRANTY

Equipment Technologies warrants every new Bruin Sprayer to be free from defects in materials and workmanship for a period of five years or 2,000 hours, whichever occurs first. The first two years of warranty includes bumper-to-bumper coverage with the following three years covering parts only (some exclusions apply).

BRUIN HS700 SPRAYER

The HS700 sprayer was engineered for farmers looking for comfort, speed and efficiency in a self-propelled sprayer. Featuring a 700-gallon tank and hydrostatic drive, the HS700 combines capacity, power and reach (up to 100 feet). A narrow axle configuration (79 to 105 inches) allows for easy transport between fields.

TANK	CAPACITY	700 gal
ENGINE & TRANSMISSION	TRANSMISSION	Rexroth hydrostatic
	ENGINE	Deutz 210 hp
STEERING	STEERING OPTIONS	Four-wheel and crab steer option
CHASSIS, SUSPENSION & TIRES	WEIGHT (APPROXIMATE DRY WEIGHT)	20,240 lbs
	CROP CLEARANCE	50"
	SUSPENSION	Active pneumatic suspension
	WHEEL TRACK - NARROW	79"-105"
	WHEEL TRACK - WIDE	90"-120"
	FRONT & REAR TIRES - STANDARD	Michelin® 380/90R46
SPRAY OPTIONS	BOOMS	90'
	PRODUCT PUMP	Hypro® Cleanload™ hydraulically-driven centrifugal pump
	RINSE TANK	70 gal
PRECISION CONTROLS	CONTROL OPTIONS	Raven Viper® 4+, Advanced RS1™ Steering, AutoBoom® XRT and UltraGlide



BRUIN HS1100 SPRAYER

The HS1100 sprayer was engineered for farmers and custom applicators who want maximum strength, stability and performance in a self-propelled sprayer. The HS1100 adjusts automatically from 60 to 70 inches — making it the tallest rear boom sprayer in North America. The 120-foot boom package provides maximum reach to spray more acres per hour and a unique stabilization system for unmatched stability and flexibility.

TANK	CAPACITY	1,120 gal
ENGINE & TRANSMISSION	TRANSMISSION	Rexroth hydrostatic
	ENGINE	Cummins 6.7L 300 hp
STEERING	STEERING OPTIONS	Four-wheel and crab steer option
	TURNING RADIUS	24' (two-wheel steer) 13' (four-wheel steer)
CHASSIS, SUSPENSION & TIRES	WEIGHT (APPROXIMATE DRY WEIGHT)	28,225 lbs
	CROP CLEARANCE	60"-70"
	SUSPENSION	Four-wheel independent pneumatic suspension
	WHEEL TRACK - WIDE	120"-160"
	FRONT & REAR TIRES - STANDARD	Michelin 380/90R46
SPRAY OPTIONS	BOOMS	100' or 120'
	PRODUCT PUMP	Hypro Cleanload hydraulically-driven centrifugal pump
	RINSE TANK	110 gal
PRECISION CONTROLS	CONTROL OPTIONS	Raven Viper 4+, Advanced RS1 Steering, AutoBoom XRT and UltraGlide





■ **Wireless Joystick**
Step out of the cab with our simple-to-operate wireless joystick. This high-tech component interacts with the sprayer to make boom adjustments and nozzle checks a one-person job.

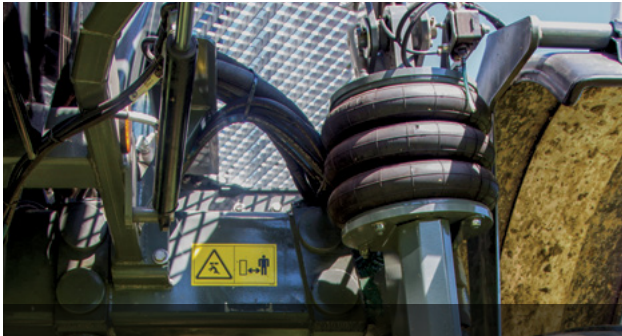


■ **Front Ladder**
The front entry access ladder drops to just 16 inches off the ground making access easy. Disengaging the parking brake lifts the ladder into a field-ready position.



■ **Hydrostatic Drive System**
The powerful hydrostatic drive system within Bruin Sprayers allow operators to choose between three drive modes: conventional hydrostatic control, eco-mode for better fuel efficiency, or standard foot pedal drive which is especially useful on the road.

DRIVING



■ **Relaxing Ride**
Active pneumatic suspension (front and rear), hydraulic shocks and an oscillating rear axle delivers a smooth, responsive ride.



■ **Narrow Transport**
A narrow axle configuration (79-105 inches manual, 90-120 inches hydraulic adjustment or 80 inches fixed) on the HS700 allows for easy transport between fields.



■ **Wide Reach**
The 90-foot boom on the HS700 or the 120-foot boom on the HS1100 provide max reach to spray more acres per hour.



■ **Four-Wheel Steer**
Four-wheel steering ensures that the rear wheels stay on the path and includes slope compensation with back axle correction for better control on hills and headlands. Crab steer mode allows for enhanced mobility in tight places.

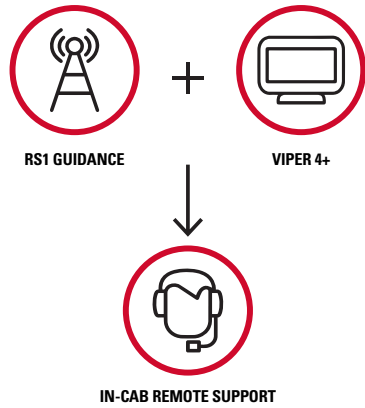
PRECISION TECHNOLOGY

RAVEN PRECISION PACKAGE



■ **Advanced RS1™ Steering (optional)**

Experience the industry's best steering accuracy and line acquire. RS1 is a fully scalable GPS solution that combines autosteer, GPS, and In-Cab Remote Support into one intuitive, easy-to-use unit.



■ **In-Cab Remote Support (standard with Viper 4+ Field Computer)**

Get an unbeatable free, two-year subscription with high-speed Wi-Fi connectivity for external devices. Operators can be linked directly to a support center to answer questions, transfer job files and load software updates.

BOOM OPTIONS



■ **AutoBoom® XRT (optional)**

Take your boom control to another level with AutoBoom XRT. Industry-leading radar sensors detect and maintain optimal spray height for maximum product efficiency and better application coverage.



■ **AutoBoom® UltraGlide (optional)**

Breeze through pre- and post-emergent applications using UltraGuide's state-of-the-art ultrasonic sensors which gauge the distance to the ground for optimum accuracy.



■ **Hawkeye® Nozzle Control System (optional)**

Get the most out of every nozzle for the best application coverage. This pressure-based, ultra-precise product control system ensures next level accuracy with every application. The pulse rate modulation of the nozzles provides more consistent spray patterns as speed and conditions change including built-in turn compensation.



■ **Viper® 4+ (optional)**

The Viper 4+ integrates Raven's full line of products into one networked platform that offers a capacitive touchscreen and an intuitive interface. The Viper 4+ keeps your operation running smoothly with easy job set up and extraordinary and secure data management capabilities.



■ **More Power Control Options**

Choose to operate in conventional hydrostatic control, eco-mode for better fuel efficiency or with a foot pedal — which is especially useful on the road.

ET CUSTOM BOOMS (STEEL)

Bruin Sprayers offer a stronger, more flexible, better protected and lower-maintenance boom package. Better cushioning on the boom rack minimizes wear and tear. Boom wings break away when coming into contact with trees and other immovable objects, and spring back into place when the obstacle has passed. A common boom manifold allows for upgrades and boom extension.



MODEL	LENGTH	SECTION CONFIGURATION	NOZZLE SPACING	NOZZLE BODIES
HS700	90'	9	15" or 20"	3-way
HS1100	100', 120'			

TIRE OPTIONS

Michelin® Agriculture Tires come standard on all Bruin Sprayers. We also offer alternative options for narrows, duals and floats. Every tire used is inspected upon assembly to ensure that farmers enjoy a long service life. We look for excellent traction and lateral stability with robust crowns and deep tread bars to coincide with our unmatched traction expectations.



OPTION	TYPE	SIZE	WIDTH	SERIES	MANUFACTURER
FRONT AND REAR	STANDARD	380/90R46	15"	SPRAYBIB	MICHELIN

“The boom stability is top-notch with the 120-foot steel truss boom. I will put it up against anything I’ve ever run. The ride quality is phenomenal. The lift kit is below the air suspension so when you lift it up, it doesn’t affect the suspension.” — **Eric Ebelhar (Owensboro, Kentucky)**

SPRAYER FEATURES

Bruin Sprayers are built lean and built tough, but that doesn't mean we skimp on the extras. Check out a few of our additional features and optional add-ons.

STANDARD



Fenders (front and rear)
If you want mud splash-back protection, fenders are a great feature to help keep things clean and prevent dust and mud clogs. Available in front and rear only or a combination of each.



Enhanced Lighting Package
Our LED lighting package produces more light, while consuming less energy. This lighting package features 64 LED bulbs, located above the grill and cab, and next to the fill station.

OPTIONAL



Fence-Row Nozzles
These added nozzles are great for keeping fence lines clean as well as the outer edges of the fields. This extra nozzle can be added to the left or right side of the boom or both.



3-Inch Product Fill
Fill up with product faster with the upgraded 3-inch diameter product fill connection.



Learn more about the 2020 Bruin Sprayer at BruinSprayers.com

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**EQUIPMENT
TECHNOLOGIES** 

BRUIN by 
SPRAYERS



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