

**APACHE** by **GT**  
**SPRAYERS**



2024

## TABLE OF CONTENTS

- 2 Introduction
- 3 Why Apache?
- 4 Model Year 2024
- 5 Enhancements
- 6 HS1100
- 8 AS1250 & AS1250XP
- 10 AS1050
- 12 AS850
- 14 AS650
- 16 Apache Through the Years
- 18 Center Boom Rack
- 19 Steel Boom
- 20 Boom Options
- 21 Sprayer Options
- 22 Precision Ag Options
- 24 Power and Performance
- 26 Model Specifications
- 27 Tire Options

Dear Reader,

It is hard for me to put into words what makes our company such a special one, but it is so important for you to understand who we really are that I must try. It is what I call the “soul” of ET. Who is that soul? At the core, it is a cast of pretty unconventional and diverse characters who take our obligation to make sure the customer has a wonderful experience with our product as one of the most serious commitments in our lives—both personal and professional. Think of it as really practicing the Golden Rule. We are focused and have a low tolerance for nonsense (think anything that does not improve customer experience). We take immense pride in the products and services that we offer and it shows. We strive to please our employees by offering them a supportive, professional work environment in which they can grow, thrive and maybe even have some fun. Unlike most businesses, our employees can make mistakes without fear of being fired which means that they are willing to take risks and to make decisions on their own. If you see something wrong, fix it. If you know how to help a customer, do it. If you have an idea for improvement, make it happen. Performance leads to confidence, more confidence means even better performance. It’s a beautiful loop. I guess you can think of it as an intense desire to be excellent at what we do.

I hope I have done some justice in describing our culture with just a few sentences. I think the customer excerpts in this literature will say it better. All together, we hope that it will give you a good feel for what we are all about and what has been one of the main drivers of our success the past twenty six years (no small feat for a manufacturer of large self-propelled sprayers competing against “the big boys”. We are not just competing, we are thriving!). Thanks to all in our ecosystem—employees, dealers, customers, suppliers, families and friends. We feel lucky to be part of this special experience.



**Matthew F. Hays**

CHIEF EXECUTIVE OFFICER

## WHY APACHE?

Apache Sprayers is proud to have an industry leading 5-year warranty, as well as being the only 4-time winner of the “Highest Retained Value” award by EquipmentWatch™ across all equipment and Ag categories—not just sprayers. Don’t just take our word for it, Apache customers say it best:



**“At McCune Family Farms we love our Apache Sprayers. We feel they give us our best bang for our buck on the sprayer market, paired with the BEST service of any brand we run from our parts and service department at Simpsons Farm Enterprises. Thank you Apache and Simpsons!”**

— Matt McCune

**“We bought a new Apache 1250 sprayer from Egger Equipment in Ontario, and we are extremely pleased with the sprayer and the dealer; every question was answered right away, and Bob and his team were top-notch. We are mainly John Deere, which was quite a step for us, but I am sure we made the right move. Just finished 28 on wheat 1420 rpm, 8 mph 40 gal per acre, smooth as silk using .3 liters per acre; wow. Thanks for a great product.”**

— Gary Struyf

# MODEL YEAR 2024

The Model 2024 Year updates include a new single break pedal, Z-Gate Joystick, new operator console, and new intuitive controls.



## AS1100

**Product Tank Capacity:** 1,120 gallons  
**Weight:** 28,225 lbs  
**Crop Clearance:** 60"-70" hydraulic adjustable  
**Engine:** Cummins QSB6.7 300HP (rated)  
**See page 6**



## AS1250 & AS1250XP

**Product Tank Capacity:** 1,200 gal  
**Weight:** 21,200 lbs  
**Crop Clearance:** 50" with 18" drop box all-gear final drives.  
**Engine:** Cummins B6.7 Performance Series 260HP and 300HP (rated)  
**See page 8**



## AS1050

**Product Tank Capacity:** 1,000 gal  
**Weight:** 20,200 lbs  
**Crop Clearance:** 42" with JCB planetary final drive or 50" with 18" drop box all-gear final drives  
**Engine:** Cummins B6.7 Performance Series 225HP (rated)  
**See page 10**



## AS850

**Product Tank Capacity:** 800 gal  
**Weight:** 18,400 lbs  
**Crop Clearance:** 42" with JCB planetary final drive or 50" with 18" drop box all-gear final drives  
**Engine:** Cummins B4.5 Performance Series 200HP (rated)  
**See page 12**



## AS650

**Product Tank Capacity:** 650 gal  
**Weight:** 16,900 lbs  
**Crop Clearance:** 42" or 48" based on tire selection  
**Engine:** Cummins QSB4.5 163HP (rated)  
**See page 14**

# ENHANCEMENTS

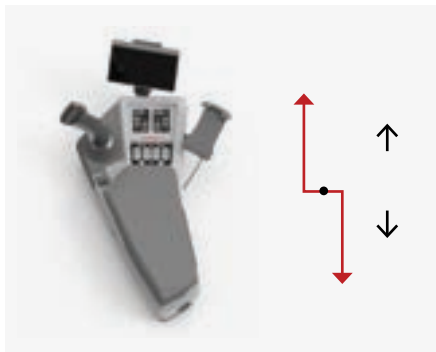
The new Model Year 2024 brings exciting updates, including enhanced features, improved performance, and cutting-edge technology advancements, all designed to provide an even more exceptional experience.



## New Operator Console for AS Models

Designed with simplicity in mind, the new operator console features:

- Our new Z-gate intuitive joystick.
- Modular mounting for the machine display and the precision console (mounting location determined by the operator's preference).
- Push button machine controls.
- New easy-touch boom fold switches.
- Console-mounted phone cradle with wireless charging.



## Z-Gate Joystick

What does a Z-gate joystick mean?

Now the Apache operates like every other piece of equipment you operate. Push the control stick forward to go forward, pull rearward to back up.



## New Single Brake Pedal, Now for all AS Models

Our Single Pedal Brake System delivers maximized braking effect with minimum pedal force (75% less than our previous design!) for reliable and safe performance in demanding on-road and field conditions.

It also features maximized braking and minimum pedal force with the following:

- More comfortable and responsive feel.
- Reduced operator fatigue and improved safety.



## New Intuitive Controls

The new multi-function joystick provides simple and intuitive control:

- Gear shifting on the AS models (upshift & downshift) with a push of 2 buttons on back of joystick.
- Engine Throttle Thumbwheel (on HS1100 only).

# MODEL YEAR 2024

## HS1100 HYDROSTATIC



### Maximum Crop Clearance

Conquer all season application with one machine—the Apache HS1100 rear boom sprayer. Equipped with a 60"–70" crop clearance that adjusts hydraulically on-the-go with a push of a button. You get the benefits of high crop clearance without sacrificing center of gravity when spraying low. A 120 or 132 foot boom on the HS1100 provides the ultimate reach in the field.



### Smooth, Responsive Ride

The active pneumatic suspension (front and rear), hydraulic shocks and oscillating rear axle make for a smooth, responsive ride.



### Comfort Cab

Designed with ergonomic comfort in mind, the HS1100 comfort cab offers climate controlled leather seat, simple machine controls, and intuitive joystick controls for ease of operation and improved operator productivity.



## HS1100 Unique Features

**Engine:** Cummins QSB6.7 300HP (rated)

**Transmission:** Rexroth Hydrostatic

**Crop Clearance:** 60"-70" adjustable

**Axle Width:** 120"-160"

**Tires:** Michelin 380/90R46 front and rear

**Product Tank:** HDPE, high density polyethylene

**Cab:** Leather seat with heating and cooling

**Warranty:** 2 year bumper to bumper and 5 year limited warranty



## Crab Walk and Four Wheel Steer

The Apache HS1100 Hydrostatic Sprayer features four-wheel steering and slope compensation with back axle correction for better control on hills and headlands. The crab walk steer mode allows for enhanced mobility in tight places.



Scan for  
more info

# MODEL YEAR 2024

## AS1250 & AS1250XP MECHANICAL DRIVE



### Ultimate Capacity

Apache AS1250 and AS1250XP are the largest capacity sprayers in the AS family, yet they weigh far less than the competition. The XP model features added horsepower to take on the most challenging conditions there are.



### Legendary Row Crop Visibility

Like all of our AS sprayers, our easy access front entry and extra wide see-through catwalk provides maximum row crop and tire visibility, all from the comfort of the AS1250 and AS1250XP cab.



### Optimum Flexibility

Our 120" fixed axle width is standard, but for those who need some flexibility, we have that too. Adjustable axle width from 120"-160" is an available option for multiple crop operations.





## AS1250 & AS1250XP Unique Features

**Engine:** Cummins B6.7 Performance Series 260HP and 300HP (rated)

**Transmission:** ZF 6 speed power-shift transmission

**Crop Clearance:** 50" with 18" Drop Box All-Gear Final Drives

**Axle Width:** 120" standard, 120"-160" optional

**Tires:** Michelin 380/80R38 front, Michelin 380/90R46 rear

**Product Tank:** HDPE, high density polyethylene

**Optional Tank:** Stainless Steel

**Cab:** Heated and cooled leather seat

**Warranty:** 2 year bumper to bumper and 5 year limited warranty



### Extra Power

Exclusive to the AS1250, the XP options upgrade provides the ideal combination of power, traction, and efficiency, along with the simplicity of a mechanical drive transmission.



Scan for  
more info

# MODEL YEAR 2024

## AS1050 MECHANICAL DRIVE



### An Ideal Fit

Our 1,000 gallon AS1050 is an ideal fit for most any operation. Large enough for higher rate application yet still lightweight, maneuverable with great visibility.



### Durable Transmission

A durable ZF 6-speed power-shift trans with lock up torque converter multiplies engine torque up to 2x. We take the 225 HP that our Cummins Series V Engine provides and put it to use as efficiently and effectively as possible.



### Performance Without the Weight

With the AS1050, you get the features and benefits of power, efficiency, comfort, and durability- plus all the Precision Ag options you could want - without all the extra soil compacting weight.



## AS1050 Unique Features

**Engine:** Cummins B6.7 Performance Series 225HP (rated)

**Transmission:** ZF 6 speed power-shift

**Crop Clearance:** 42"

**Axle Width:** 120" Axle width

**Tires:** Michelin 380/80R38 front, Michelin 380/90R46 rear

**Product Tank:** HDPE, high density polyethylene

**Cab:** Heated and cooled leather seat

**Warranty:** 2 year bumper to bumper and 5 year limited warranty



## Options

You'll get the same superior fuel economy and state-of-the-art precision options you would in any of the other Apache models.



Scan for  
more info

# MODEL YEAR 2024

## AS850 MECHANICAL DRIVE



### Midsize Without Compromise

An ideal balance between our compact and large capacity-sized sprayers, the AS850 features an 800-gallon spray tank and a Cummins B4.5 Performance Series engine, so you won't have to compromise spray capacity and reliability.



### Noise Dampening Comfort Cab

Just like all Apache Sprayers, the AS850 is fuel-efficient, reliable, and provides leading operator comfort with state-of-the-art noise dampening inside the cab, a positive-position joystick and Bluetooth® capabilities.



### Ease of Steering

The variable displacement load-sense piston pump provides the right amount of hydraulic flow at all speeds while reducing steering effort by as much as 20% for ease of steering at headlands, hills and tight corners.



## AS850 Unique Features

- Engine:** Cummins B4.5 Performance Series 200HP (rated)
- Transmission:** JCB 4 speed power-shift
- Crop Clearance:** 42" crop clearance
- Axle Width:** 120"
- Tires:** Michelin 380/80R38 front, Michelin 380/90R46 rear
- Product Tank:** HDPE, high density polyethylene
- Cab:** Leather seat with heating and cooling
- Warranty:** 2 year bumper to bumper and 5 year limited warranty

“This is my third Apache. My reason for buying Apache is not just that it is a great quality sprayer but also for the service after the sale. If I ever needed parts or service advice from Apache their specialized staff have been quick to assist me.”

— Troy Kuxahaus, South Dakota



Scan for  
more info

# MODEL YEAR 2024

## AS650 MECHANICAL DRIVE



### Small But Tough

Rugged, nimble, and built to go where others won't dare. The AS650 is one tough sprayer with comfort and upgrades to spare. Uncompromising capability and elevated performance are the hallmarks of the AS650.



### Premium Cab

A standard feature for the AS650, our premium cab includes a heated and cooled leather seat, high output lighting, power mirrors, XM radio, and a premium trim package inside the cab.



### Agile Maneuverability

Engineered with a 164" short wheelbase, the AS650 has a turning radius of 17 feet to help operators maneuver in tight turnarounds and narrow roads.



## AS650 Unique Features

**Engine:** Cummins QSB4.5 163HP (rated)

**Transmission:** JCB 4 speed power-shift

**Crop Clearance:** 48" crop clearance

**Axle Width:** 90"

**Tires:** Michelin 380/85R34 front, Michelin 380/80R38 rear

**Product Tank:** HDPE, high density polyethylene

**Cab:** Leather seat with heating and cooling

**Warranty:** 2 year bumper to bumper and 5 year limited warranty

**“Bought a new AS650 and love the new enhancements—the throttle, the air ride and the monitor. The dealer experience is excellent.”**

— Don Schroeder, Missouri



**Scan for  
more info**

# THE EVOLUTION OF APACHE

At ET, we take great pride in continually evolving our product to meet our customer's needs. Never change for the sake of change, but to improve the product's utility, improve a customer's experience, increase efficiency, technology advances, and more. Below is just a snapshot of some of our significant changes over the years. Want all the details? Grab a long-time ET employee or dealership personnel for a more thorough look at how we've evolved.



## 1997 - 2004

**APACHE MODELS: 560, 760/780/790, 880/890 AND APACHE PLUS**

- Cummins Engines, JCB or Funk Transmissions, John Deere Cab

## 2005

**MODELS AS500, AS850, AS1000, AS1200**

- ET Custom Engineered Cab
- Increased Fuel Capacity to 100 Gal
- Quick-fill Product and Rinse Pump Easily Accessible

## 2006

**MODELS AS510, AS710, AS1010, AS1210**

- '10 Series Introduced
- Cruise Control Added
- External Product Pump Switch Added

## 2007

**MODELS AS710, AS1010, AS1210**

- Hypro Product Pump Added
- AS 1010 and 1210 Engines Now Tier III

## 2008

**MODELS AS710, AS1010, AS1210**

- Raven AccuBoom Option Added
- Auxiliary Lighting Package
- Heavy Duty Front End Option on AS710

## 2014

**MODELS AS720, AS1020, AS1025, AS1220, PLUS II OPTION ON AS1020 AND AS1220**

- Ergonomic Center Stack Console with 7" Touch Screen
- ET Custom Joystick
- Reverse Camera Standard
- In Cab Diagnostics Available
- Optional Heated Leather Seat
- Raven Viper 4 Option Available

## 2015

**MODELS AS720, AS1020, AS1025, AS1220, PLUS II OPTION ON AS1020 AND AS1220)**

- Park Brake Upgraded

## 2016

**MODELS AS730, AS1030, AS1230, AS1230XP**

- 30 Series Introduced
- More Horsepower, Lower Emissions, Improved Fuel Economy
- Straddle Mount Torque Arms Added
- Common Boom Rack
- Heated/cooled Leather Seat Standard
- Push Button Start

## 2017

**MODELS AS730, AS1030, AS1230, AS1230XP**

- Raven Hawkeye Individual Nozzle Control Optional
- Chemical Injection Optional

## 2018

**MODELS AS730, AS1030, AS1230, AS1230XP**

- New Machine Display from Grayhill Introduced





## 2009

### MODELS AS715, AS1010, AS1210

- Boom Strength Increased 2x
- Stainless Tank Option on the AS1210
- Fully Hydraulic Power Brakes
- Right Hand Access Door
- Heavy Duty Front End Standard on AS1010

## 2010

### MODELS AS715, AS1010, AS1210

- Free End of Year Guardian Inspection

## 2011

### AS720, AS1020, AS1220

- '20 Series Introduced
- Tier 4 Compatible
- Angled Cab Entry
- Widened Frame
- ZF Transmission Added in 1000 and 1200 Gal Machines
- Custom Roto Molded Product Tank

## 2012

### MODELS AS720, AS1020, AS1220

- Variable Rate Engine Fan Added

## 2013

### MODELS AS720, AS1020, AS1025, AS1220, PLUS II OPTION ON AS1020 AND AS1220

- Pommier Booms Factory Option
- Upgraded Rear Differential
- AS1025 T4 Interim 173 HP
- Plus II Package Available on AS1020/AS1220

## 2019

### MODELS AS640, AS740, AS1040, AS1240, AS1240XP, BRUIN

- '40 Series Introduced
- New Bold Hood and Standard LED Lights
- RS1 Raven Advanced Autosteer Optional
- Remote Support with Raven Slingshot
- New Friction Joystick
- Launch of AS640 (650 Gallon Machine)
- Launch of Hydrostatic Sprayers (700 and 1100 Gallon Capacity)

## 2020

### MODELS AS640, AS840, AS1040, AS1240, AS1240XP, BRUIN

- Upgraded 740 to 840 (800 Gallons)
- Raven XRT Optional
- 3" Front Fill Optional
- On-Machine Diagnostics/Support

## 2021

### MODELS AS650, AS850, AS1050, AS1250, AS1250XP, BRUIN

- '50 Series Introduced
- Cummins V Performance Series Engines, More Power and Torque
- More Power and Torque, Improved Fuel Economy
- Front Entry
- Capstan AG Introduction (PPII/EVO) Optional

## 2022

### MODELS AS650, AS850, AS1050, AS1250, AS1250XP, HS1100

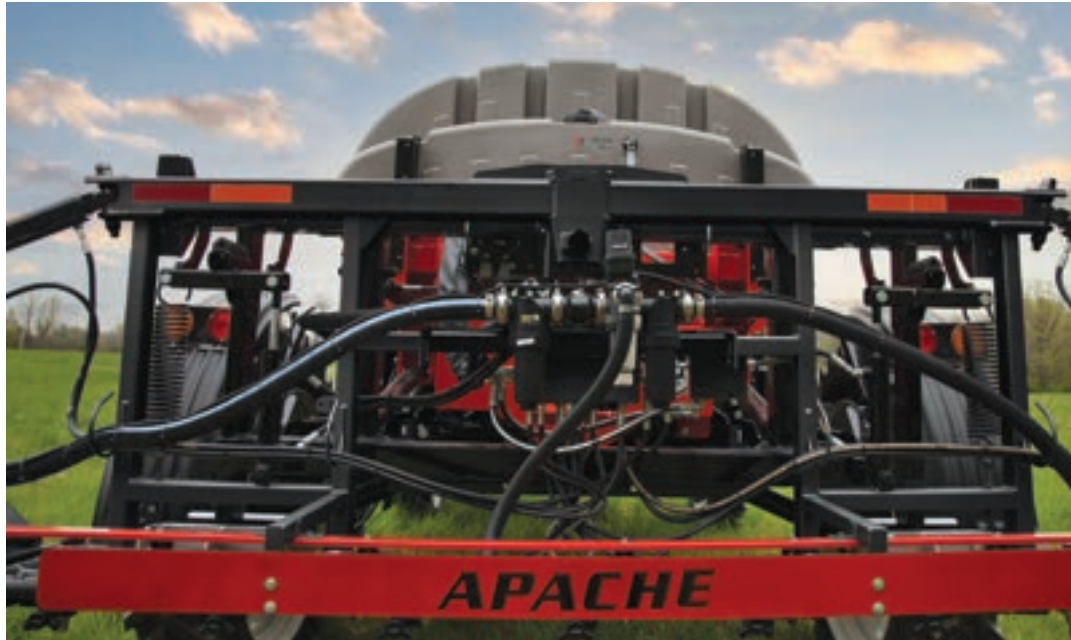
- New Cab Isolators
- Higher Capacity Load-Sense Piston Pump for Easy Steering Boom Recirculation Optional
- HS1100 Built in USA
- Modern Console for the HS1100

## 2023

### MODELS AS650, AS850, AS1050, AS1250, AS1250XP, HS1100

- Intro New Steel Booms and New Boom Rack for All
- Ag Leader in Command and Autosteer Option Added

# NEW CENTER BOOM RACK



## Common Boom Rack

Our boom center rack is designed for both the steel boom and Pommier aluminum boom. Either way you choose, you get the best center rack we've ever experienced.

## Rack Suspension

Center pivoting and self-balancing, our rack suspension features coil springs with adjustable hydraulic cylinder dampeners that infinitely adjust to local conditions. Why does this matter? Simply put, it isolates the roll of the chassis from the roll of the boom keeping your tips out of the dirt. Plus, it provides an improved operator ride without the need for complicated and expensive electronics.

### FEATURES AND BENEFITS

- Prevents boom strikes and improves operator ride.
- Controlled testing achieved a 100% reduction in ground strikes vs. previous rack design.
- Adjustable hydraulic cylinder dampeners tailored for local conditions.
- Compatible with our boom leveling options.

# ET STEEL BOOM



## Mid-Boom Breakaway

The main boom structure is designed to last the life of the machine. Sensible and effective wear components bolt on and are easily replaced. Our multi-point boom breakaway system includes a three-axis (forward, backward, and up) self-resetting system and is completely maintenance-free.



## Steel Boom Wings

Available in 60/90 or 60/100 configurations, our steel booms are structurally designed to withstand the demands of challenging operating environments. Speed, rough terrain, immovable objects—bring it on!



## Flexible Nozzle Spacing

Fully open boom bottom provides easy access to nozzles and plenty of space for pwm control systems, different nozzle spacing options, boom recirculation plumbing, stream bars and drop nozzles.



Scan for more info

## BOOM OPTIONS With Apache, You Have Options.

We offer a stronger, more flexible, exceptionally protected and lower-maintenance boom package than the competition. The increased 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.



### STEEL BOOMS

#### AS SERIES

**SECTION CONFIGURATION** 9

**NOZZLE SPACING** 15" or 20"

**NOZZLE BODIES** 3-way

**LENGTH** 60/90 and 60/100'

Fence row nozzles available.

### POMMIER BOOMS (ALUMINUM)

**SECTION CONFIGURATION** 9

**NOZZLE SPACING** 15" or 20"

**NOZZLE BODIES** 3-way

**LENGTH** AS Series: 90', 100', 120' or 132'

HS Series: 120' or 132'

Fence row nozzles available.

# SPRAYER OPTIONS With Apache, You Have Options.

Our sprayers are reliable for many reasons, one being our lean manufacturing to build sprayers exactly the way you want them. That means we don't force you to pay for the things you don't want or need. Our "a la carte" menu gives you the freedom to choose upgrades, so your sprayer is customized for you and your operational needs.

## OPTIONS FOR BOTH HS AND AS SERIES



### FENCE-ROW NOZZLES

These added nozzles are great for keeping fence lines and outer edges of fields clean.



### 3-INCH PRODUCT FILL

Fill up faster thanks to the upgraded 3-inch diameter product fill connection. You'd be surprised how much of a difference the additional 1-inch will make.

## AS SERIES OPTIONS



### POWER MIRROR (AS850, AS1050, AS1250, and AS1250XP)

Operators have the option of adjusting the single power side mirror attached to the cab from within the cab. Available on the AS850, AS1050, AS1250, and AS1250XP models.



### EXTRA POWER WITH XP (AS1250)

The XP package from Apache Sprayers provides the perfect combination of power, traction and efficiency, along with the simplicity of a mechanical drive transmission.



### HYPRO® CLEANLOAD™ (AS650, AS850, AS1050, AS1250, and AS1250XP)

The Hypro Cleanload is a self contained eductor system that allows operators to mix liquid and dry chemicals safely and quickly.



### STAINLESS STEEL (AS1250, AS1250XP)

The 1200-gallon stainless steel product tank features a redesigned baffle, tank agitation, tank rinse, sump, sight gauge, and tank mounts.



Scan for more info

# PRECISION AG OPTIONS With Apache, You Have Options.

Our menu of add-on Precision Ag options give you gives you the freedom to build your new sprayer the way you want it. Apache Sprayers gives you the power to command, control, and improve virtually every spray application function with ease.

## APPLICATION CONTROLS Choose one of the following options.

**Ag Leader®**



**NEW**

### OPTION 1

#### **AG LEADER INCOMMAND 1200 WITH STEERCOMMAND Z2**

##### **GUIDANCE AND STEERING**

The ultimate field computer paired with high-accuracy auto steer connects your entire farm operation for year-round visibility and control.



### OPTION 2

#### **RAVEN VIPER® 4+**

##### **ADVANCED FIELD COMPUTER**

VIPER® 4+ provides a simple, precision Ag platform that integrates Raven's full line of products into one easy-to-use touchscreen interface. Customize your Viper 4+ Field Computer by user and job. Features: easy setup, fewer touches, and greater efficiency, allowing for exceptional spray rate control and extraordinary data management capabilities.



### RAVEN RS1®

##### **ADVANCED GUIDANCE & STEERING**

RS1 is Raven's fully scalable field navigation solution that combines autosteer, GPS, and Slingshot® into one easy-to-use unit. Incredible accuracy at both high and low speeds with quick line acquire, improves efficiency and gives you the power to cover more acres in a day.

### OPTION 3

#### **ISO READY**

Supply your own ISO compatible screen and globe.

### OPTION 4

#### **STEERING AND RATE CONTROL READY**

Supply your own compatible steering and rate control from the popular manufacturer (those green tractors you may have heard of).



**Scan for more info**

# PRECISION AG OPTIONS With Apache, You Have Options.



## **RAVEN AUTOBOOM® XRT** **AUTOMATIC BOOM HEIGHT CONTROL**

New radar sensor technology uses simultaneous ground and canopy detection to maintain optimal spray height for maximum product efficacy. Operators can reduce spray drift, minimize crop damage, and safeguard boom damage from ground strikes.



## **CAPSTAN AG PINPOINT® III ENVELOP®** **ULTIMATE PRECISION**

PinPoint III ENVELOP, the next generation of Blended Pulse PWM application, can handle the highest speeds, biggest booms, and largest flow rates with pinpoint accuracy and response. With all the features of PinPoint II, PinPoint III ENVELOP® adds predictive rate control to lock-on to target rate and Sensor Fusion Technology utilizes multiple sensor data points for the fastest and most reliable rate and pressure control even under the most challenging field conditions.



## **RAVEN HAWKEYE 2®** **ULTRA-PRECISE NOZZLE CONTROL SYSTEM**

Control weeds with Hawkeye® 2—the most precise nozzle control system in the industry. Up to 250% more accurate application than its competitors, Hawkeye® 2 provides individual nozzle control, precise droplet rate/size, and consistent spray patterns for maximum weed control and optimized input costs.



## **BOOM RECIRCULATION** **PRIMED AND READY**

**Available at no additional charge with the Hawkeye 2 system or Pinpoint III.** By circulating the product from the outside tip of the boom and back to the center section, product settling is reduced, waste is eliminated and booms are ready for full pressure spraying with no lag time.

**ONLY PAY FOR WHAT YOU NEED. NOTHING MORE. NOTHING LESS.**  
Customize your sprayer your way.



Scan for  
more info

# POWER AND PERFORMANCE

## APACHE POWER-TO-THE-GROUND™

Conquer the toughest terrain with Apache Power-to-the-Ground technology.



**EXPERIENCE UNMATCHED TRACTION IN ACTION**



### UNMATCHED TRACTION

A full **90 percent of Apache Sprayers horsepower** is transferred to the ground, compared to **70 percent from other sprayers.**

### POWER-TO-THE-GROUND™



### POWER CONVERSION

A torque converter **doubles the engine's ability** to power through tough terrain, while a JCB limited-slip differential allows for **sharper turns and better traction.**



**“There is no issue with power. We have sunk up to one foot in the peat beds, but the Apache just pulls through, and we have never been stuck. Even on the hills, it has never lost power.”**

— Mark and Scott Jencks, Iowa

**“I like the simplicity of my Apache combined with the modern technology. I never have any trouble getting through the field. By owning my own machine I can spray when I want and buy from wherever I want.”**

— Maurice Kruse, Illinois

**“We crawl on a lot of steep hills over 40% slopes. My neighbors have started calling it the ‘billy goat’ because it seems to crawl wherever I need to go—wet conditions, fully loaded.”**

— John McCaw, Washington



# MODEL SPECIFICATIONS



	AS650	AS850	AS1050	AS1250/AS1250XP	HS1100
<b>PRODUCT TANK CAPACITY</b>	650 gal	800 gal	1,000 gal	1,200 gal	1,120 gal
<b>WEIGHT (APPROXIMATE DRY WEIGHT)</b>	16,900 lbs	18,400 lbs	20,200 lbs	21,200 lbs	28,225 lbs
<b>AXLE WIDTH</b>	90", 108" 114" or 120" fixed	120" fixed or 120"-160" hydraulic adjustable (optional with 50" crop clearance only)	120" fixed or 120"-160" hydraulic adjustable (optional with 50" crop clearance only)	120" fixed or 120"-160" hydraulic adjustable	120" - 160" hydraulic adjustable
<b>TURNING RADIUS</b>	17' 2"	20'	20'	20'	24' (Two-wheel steer) 13' (Four-wheel steer)
<b>WHEEL BASE</b>	13' 8"	15'	15'	15'	14' 7"
<b>FRONT TIRES (STANDARD)</b>	Michelin 380/80R38	Michelin 380/80R38	Michelin 380/80R38	Michelin 380/80R38	Michelin 380/90R46
<b>REAR TIRES (STANDARD)</b>	Michelin 380/90R46	Michelin 380/90R46	Michelin 380/90R46	Michelin 380/90R46	Michelin 380/90R46
<b>CROP CLEARANCE</b>	48"	42" standard or 50" optional	42" standard or 50" optional	50"	60"-70" hydraulic adjustable
<b>BOOMS</b>	60/90 steel, 90' or 100' Pommier aluminum	60/90, 60/100 steel or 90', 100', 120', 132' Pommier aluminum	60/90, 60/100 steel or 90', 100', 120', 132' Pommier aluminum	60/90, 60/100 steel or 90', 100', 120', 132' Pommier aluminum	Pommier 100', 120', or 132' aluminum
<b>RINSE TANK</b>	50 gal	100 gal	100 gal	100 gal	110 gal
<b>RATED HORSEPOWER</b>	163HP	200HP	225HP	260HP or 300HP optional	300HP
<b>DRIVELINE EFFICIENCY</b>	90%	90%	90%	90%	75%
<b>PTG:HP PER 1,000LBS</b>	8.7	8.9	10	11 (12.7 with 300HP)	8
<b>FUEL TANK CAPACITY</b>	80 gal	90 gal	90 gal	90 gal	100 gal
<b>DEF TANK</b>	5 gal	15 gal	15 gal	15 gal	10 gal
<b>SUSPENSION</b>	Active airbag w/independent front suspension	Patented independent hydraulic	Patented independent hydraulic	Patented independent hydraulic	Four-wheel independent pneumatic suspension
<b>BRAKES</b>	Fully enclosed, self-adjusting, internal wet disc brakes	Fully enclosed, self-adjusting, internal wet disc brakes	Fully enclosed, self-adjusting, internal wet disc brakes	Fully enclosed, self-adjusting, internal wet disc brakes	Hydraulic brakes
<b>TRANSMISSION</b>	JCB powershift 4-speed	JCB powershift 4-speed	ZF power shift 6 speed	ZF power shift 6 speed	Rexroth hydrostatic
<b>ENGINE</b>	Cummins QSB4.5 163HP (rated)	Cummins B4.5 Performance Series 200HP (rated)	Cummins B6.7 Performance Series 225HP (rated)	Cummins B6.7 Performance Series 260HP and 300HP (rated)	Cummins QSB6.7 300HP (rated)
<b>PRODUCT PUMP</b>	Ace hydraulic driven centrifugal	Hypro hydraulic driven centrifugal	Hypro hydraulic driven centrifugal	Hypro hydraulic driven centrifugal	Hypro hydraulic driven centrifugal
<b>STEERING</b>	Two wheel	Two wheel	Two wheel	Two wheel	Two-wheel or Four-wheel with crab steering
<b>TRANSPORTATION WIDTH AND HEIGHT</b>	144" Maximum	144" Maximum	144" Maximum	144" Maximum	144" Maximum
<b>OVERALL LENGTH</b>	290" Minimum	290" Minimum	290" Minimum	290" Minimum	372" Maximum
<b>CAB</b>	ET custom pressurized with state-of-the-art interior	ET custom pressurized with state-of-the-art interior	ET custom pressurized with state-of-the-art interior	ET custom pressurized with state-of-the-art interior	Siac custom pressurized with great visibility
<b>PRECISION APPLICATION EQUIPMENT</b>	Raven Viper 4+, Hawkeye, Accuboom, XRT, RS1 steering, Capstan Pinpoint III	Raven Viper 4+, Hawkeye, Accuboom, XRT, RS1 steering, Capstan Pinpoint III, Ag Leader InCommand 1200 and SteerCommand Z2	Raven Viper 4+, Hawkeye, Accuboom, XRT, RS1 steering, Capstan Pinpoint III, Ag Leader InCommand 1200 and SteerCommand Z2	Raven Viper 4+, Hawkeye, Accuboom, XRT, RS1 steering, Capstan Pinpoint III, Ag Leader InCommand 1200 and SteerCommand Z2	Raven Viper 4+, Hawkeye, Accuboom, XRT, RS1 steering, Capstan Pinpoint III

# TIRE OPTIONS

Michelin® Spraybib Tires come standard on all AS Series and HS Series models. Every tire used by Apache is inspected upon assembly to ensure that farmers enjoy a long service life. All Michelin Spraybib Tires feature exceptional load capacity, unmatched driver comfort and are rated for speeds up to 40 mph. The longer footprint allows for reduced soil rutting and optimized yields, while the reinforced tread design stretches the service life and increases stubble resistance.

**380/80R38**  
AGRIBIB



**320/85R38**  
DT800



**620/70R42**  
MEGAXBIB



**320/90R50**  
ULTRA SPRAYER



**380/90R46**  
Duals Available  
SPRAYBIB



**320/90R50**  
Duals Available  
ULTRA SPRAYER



Several tire options listed are available only as aftermarket purchases, not factory installed.

## AS650

OPTION	TYPE	SIZE	WIDTH	SERIES	MANUFACTURER
Front	Standard	380/85R34	15"	AGRIBIB	MICHELIN
Front	Optional	380/80R38	15"	AGRIBIB	MICHELIN
Front	Narrow	320/85R38	12.6"	DT800	GOODYEAR®
Rear	Standard	380/80R38	15"	AGRIBIB	MICHELIN
Rear	Optional	380/90R46	15"	SPRAYBIB	MICHELIN
Rear	Narrow	320/90R50	12.6"	ULTRA SPRAYER	GOODYEAR
Rear	Flotation	620/70R42	24.4"	MEGAXBIB	MICHELIN
Rear	Flotation	800/65R32	31.5"	MEGAXBIB	MICHELIN

Standard tires adjust crop clearance to 42". Optional tires (Front: 380/80R38, Rear: 380/90R46) adjust crop clearance to 48".

## AS850, AS1050, AS1250

OPTION	TYPE	SIZE	WIDTH	SERIES	MANUFACTURER
Front	Standard	380/80R38	15"	AGRIBIB	MICHELIN
Front	Narrow	320/85R38	12.6"	DT800	GOODYEAR
Rear	Standard	380/90R46	15"	SPRAYBIB	MICHELIN
Rear	Narrow	320/90R50	12.6"	ULTRA SPRAYER	GOODYEAR
Rear	Flotation	620/70R42	24.4"	MEGAXBIB	MICHELIN
Rear	Flotation	800/65R32	31.5"	MEGAXBIB	MICHELIN
Rear Dual	Standard	380/90R46	15"	SPRAYBIB	MICHELIN
Rear Dual	Narrow	320/90R50	12.6"	ULTRA SPRAYER	GOODYEAR

All brand or product names are or may be trademarks of, and are used to identify products and services of their respective owners or its subsidiaries and divisions in the U.S. and/or other countries. All specifications are subject to change without notice.

## HS1100

OPTION	TYPE	SIZE	WIDTH	SERIES	MANUFACTURER
Front & Rear	Standard	380/90R46	15"	SPRAYBIB	MICHELIN
Front & Rear	Standard	710/60R42	28"	XEOBIB	MICHELIN

# APACHE<sup>by</sup> ET SPRAYERS

## ABOUT ET

Apache Sprayers' parent company, Equipment Technologies, was founded in 1997, with one goal in mind: build the best and most reliable agricultural sprayers. While other ag equipment manufacturers attempt to produce everything from combines to sprayers to lawn mowers, we have stayed true to our vision since the beginning. We focus all of our resources 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 powertrain warranty.



**LIKE US ON FACEBOOK**

[Facebook.com/ApacheSprayers](https://www.facebook.com/ApacheSprayers)



**FOLLOW US ON TWITTER**

[@ApacheSprayers](https://twitter.com/ApacheSprayers)



**SUBSCRIBE TO OUR YOUTUBE CHANNEL**

[YouTube.com/ApacheSprayers](https://www.youtube.com/ApacheSprayers)



**FOLLOW US ON INSTAGRAM**

[@ApacheSprayers](https://www.instagram.com/ApacheSprayers)



**SUBSCRIBE TO OUR NEWSLETTER**

[etsprayers.com/newsletter-signup/](https://etsprayers.com/newsletter-signup/)

2201 Hancel Pkwy.  
Mooresville, IN 46158  
800-861-2142  
[etsprayers.com](https://etsprayers.com)

©2022 Equipment Technologies. Always refer to your owner's manual before operating any Apache Sprayer. Follow maintenance checklists, inspect the machine, and ensure it is operating properly before use. ET Works Inc. reserves the right to make any improvements or changes to specifications and design without advanced notice. All specifications, descriptions and illustrations are as accurate as known at time of publication, yet subject to change without notice and may vary according to the country in which the machine is used. Contact your nearest Apache Sprayer dealership for additional specifications as required. All rights reserved. Printed in the U.S.A.