

"Apache is the only total brand loyalty we have on the farm. If we're going to get a new sprayer, we know it's going to be an Apache."

*Cade Beesley,
McClellan Farms, LLC, Palco, Kansas*



APACHE by **ET**
SPRAYERS



2201 Hancel Parkway | Mooresville, Indiana 46158 | 877.398.6164 | ETsprayers.com

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2015

Proven to Work as Hard as You Do



Matt Hays, CEO with ET Manufacturing Employees

Proven to Work as Hard as You Do

In 1997 when Equipment Technologies was founded, the commitment was to produce a tough, reliable, simple sprayer for the grower. We could have made any sprayer we wanted. We were starting from scratch. Hundreds of conversations with growers led us to the solution. Mechanical drive. Simple to run. Simple to maintain. Efficient. Effective. Light enough in the fields, tough enough to get the job done. A machine that had a tractor feel, but a more comfortable ride. A sprayer that made financial sense.

Our customers have made it clear — they work hard for their money. And when they spend a dollar, they expect to get the most for their time and energy. We respect that. That's why we work hard to earn your business. That's why the Apache works hard in your fields. That's why, when you get right down to it — the Apache is your sprayer. It's proven to work as hard as you do.

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UNIQUE FEATURES	AS720	AS1025/AS1020/ AS1020 Plus II	AS1220/AS1220 Plus II
ENGINE & DRIVE TRAIN	TRANSMISSION	JCB transmission Power Shift, 4-speed	ZE Power Shift, 6-speed with lock-up torque converter
	CUMMINS ENGINE	Cummins Tier 3 160 hp	Cummins Tier 4i 173 hp (AS1025) Tier 3 173 or 215 hp (AS1020 — international markets only) Tier 3 275 hp (AS1020 Plus II)
CHASSIS & SUSPENSION	TOP ROAD SPEED	28 MPH	35 MPH
	CROP CLEARANCE	JCB 42" with planetary final drive 50" clearance with 18" drop box all-gear final drives (optional)	JCB 42" with planetary final drive 50" clearance with 18" drop box all-gear final drives (optional on AS1025, required with AS1020 Plus II)
	WEIGHT	19,200 lbs. (approx. dry weight)	19,500 lbs. (approx. dry weight)
PRODUCT TANK	AXLE WIDTH	120" fixed 120" - 160" adjustable (with optional 50" clearance only)	120" fixed 120" - 160" adjustable
	TANK CAPACITY	750 gallons	1,000 gallons

COMMON FEATURES FOR ALL APACHE MODELS

ENGINE & DRIVE TRAIN	FUEL CAPACITY	100 gallons
CHASSIS, SUSPENSION & TIRES	SUSPENSION	Patented independent hydraulic
	BRAKES	Fully enclosed, self-adjusting, internal wet disc brakes
	FRONT TIRES	MICHELIN 380/80R38 (narrow and semi-float options available)
	REAR TIRES	MICHELIN 380/90R46 (narrow, semi-float, and full-float options available)
	TRANSPORT WIDTH AND HEIGHT	144" maximum
SPRAY OPTIONS	OVERALL LENGTH	290" maximum
	BOOMS	ET CUSTOM BOOM Straight 80', 90' or 100'; combo 60'/80' or 60'/90'
	PRODUCT PUMP	HYPRO® Hydraulically-driven centrifugal product pump
CAB	RINSE TANK	100 gallons
	ET CUSTOM PRESSURIZED	State-of-the-art cab interior and console (pages 6-9)

PRECISION APPLICATION EQUIPMENT AVAILABLE FACTORY-INSTALLED ON ALL NEW APACHES BY RAYEN AND Trimble. All Model Year 2015 Apache Sprayers are available with optional ISOBUS-ready wiring in lieu of factory-installed field computers. Refer to your specific precision agriculture product documentation for compatibility information. Equipment Technologies factory installs all field computers using CAN bus wiring and protocols.

Apache: Dedicated to Constant Innovation and Continuous Improvement

1997 Founded and built the first Apache Sprayer. That same Apache 560 is still in operation to this day.



1999 Introduction of 120-144 adjustable axle and 90' booms.

2000 Introduction of Apache Plus model with 200 hp and 6-speed transmission. While other manufacturers were using chain drive dropboxes, we were the first to use a gear dropbox in a sprayer with 6-speed power shift transmission.



2004 We launched the AS Series, with a total redesign of the Apache.

2006 Patent granted on our joystick operation and console. Precision ag began to take off as hydraulic auto steering and boom height leveling became factory-installed options.



2013 Introduced the Plus II Package with 275 hp Cummins engine. Became the first manufacturer to factory-install both Raven and Trimble products.



2009 Added standard hydraulic-assisted brakes, expanded axle options, and improved hydraulic/electrical functions throughout the Apache.



2015 Product refinement comes from our dedication to continuous improvement.



2003 Introduced the 1,200-gallon Apache Sprayer.



2001 Hydraulic system designed to give full capacity hydraulics at idle.



2005 We launched the 10 Series, with a redesign of the control console.

2008 Booms upgraded to handle a 4 G-force load. Partnered with Lucas Oil for all Apache lubricants—a partnership that continues to live strong today.



2009 Integrated CAN BUS wiring for precision products.



2011 Introduced the 20 Series Apache Sprayer, featuring a new body style and increased efficiency, adding ZF transmission to both AS1020 and AS1220 models.

2013 Began offering 120' and 132' Pommier booms as an option.



2014 New state-of-the-art cab redefined the operator experience, while improving ergonomics with a 7" touch screen.



State-of-the-art Cab

- Digital media USB jack
- Rearview camera display
- Four standard Jensen® HP speakers
- Intuitive control console
- Polk™ Audio system with SiriusXM™ and Bluetooth® ready —AM/FM/WB/USB/AUX
- 31" whip antenna
- Multiple storage compartments
- Buddy seat and portable cooler
- Redesigned vent location with automatic climate control
- "Plug and Play" ISOBUS technology
- Use field computer system of your choice
- Optional premium leather seat with heated seat control
- 360° view with over 66-square-feet of glass

"The first opportunity I had to sit inside the Apache Sprayer made me feel like I was in control. The all-new cab in the Apache will make it easy to spend an entire spray day inside the machine. It's more operator-friendly with a luxury look. You can't ask for anything better than that."

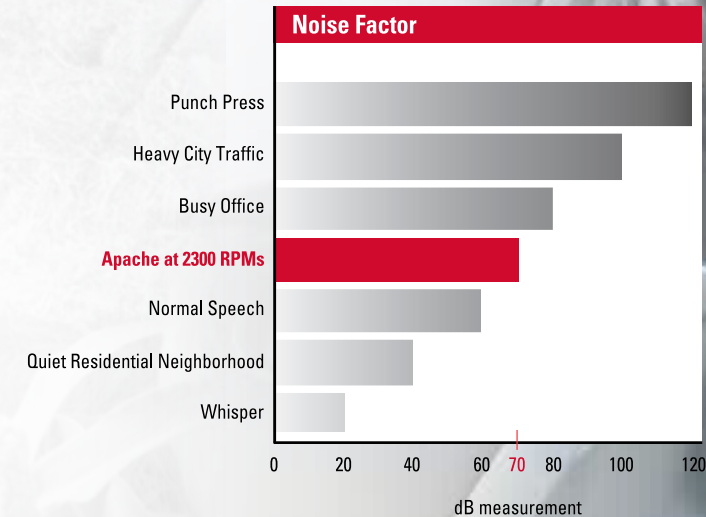
Randy Werth, Hays, Kansas

Joystick

- Enhanced ergonomic handling
- Easiest shifting in industry
- Multiple functions on one handle

Noise Dampening

- Advanced sound-deadening floor mats and liner
- Optimum cab position away from engine, transmission and exhaust
- Vibration-dampening hangers for exhaust and muffler
- Cab-mounted system designed to absorb shocks and reduce noise
- All Apaches spray at lower RPM than hydrostats for less engine noise



“ET continues to make impressive strides in ergonomic development with the Apache Sprayer through their new cab design. The new design offers more neutral posture opportunities while operating the sprayer. More comfort, vibration reduction and enhanced adjustability of the new Apache cab reduces operator fatigue and minimizes potential musculoskeletal discomfort.”

*Michael Mariner, CEAS
Director of Industry & Ergonomics , RMS-Safety*

Ergonomic Seat Design

- Seat adjustments allow driver to move horizontally and vertically
- Seat adjustments allow for healthier and ergo friendly reach to controls
- Insulated with pads for added shock absorption, which allows for minimal bounce and less vibration
- Ladder to enter cab and seat maneuvers easily with little exertion
- Steering wheel also adjusts vertically and does not require a tight grip when steering or turning
- Side mirrors are extremely adjustable
- Better center of gravity and mounted in four places

ET Pilot System™

- 7" touchscreen display
- Integrated pre-installed graphical instrument apps
- ET's custom ergonomic joystick
- Rearview camera
- Two cruise control speed settings
- Diagnostics and event logging capabilities
- Updates and document viewing via USB jack
- Electronically calibrated Adjust-On-The-Go axles
- Foot throttle

“From entering the cab to actually driving the sprayer, the comfort level is impressive. The driver's seat adjusts vertically and horizontally, and the steering wheel moves vertically. Additionally, the mirrors and control panels are easily manageable and moveable to allow improved vision and minimized reach for a healthier and safer operation.”

*Lisa Schuitboer, MS, CEAS
Director of Industry & Ergonomics , RMS-Safety*

Innovative Features

Our team constantly strives to deliver the latest technology to benefit your bottom line. We give you the tools to make your spraying jobs more efficient, effective and economical. No longer do growers have to worry about complex, clunky and costly sprayers. Rugged yet dependable, the Apache employs patented, world-leading technology for the modern-day grower.



To view our standard features go to: ETsprayers.com/specs



Booms
Straight 80', 90', 100', 120', 132' or Combo 60'/80' or 60'/90'

Beacon Light

Nozzle Spacing
15", 20" or 30"

Axle Width
120" Fixed or 120" — 160" Adjustable

Tire Width
Front Tires 12.6" — 18.9"
Rear Tires 12.6" — 30.0"



Standard Hella® Halogen Lighting Package



Hood Ornament



Hypro® Express End Caps



Flex-Frame is covered by ET's industry-leading 5-year warranty.

“Flex-Frame” for Smoother Ride

- Flex-frame consists of C-channel flex-frame rails and a pivoting front axle
 - The frame flexes as you turn or drive over uneven ground
 - All wheels stay on the ground at all times

Patented Suspension System

- Rear suspension equipped with auto-leveling
- Anti-sway hydraulics
- Fitted with nine nitrogen accumulators to eliminate “bounce back effect”
- Booms remain stable for a longer life
- Increased speed and stability in the turns
- Same comfortable ride when tank is full or empty

Less Weight = Less Compaction

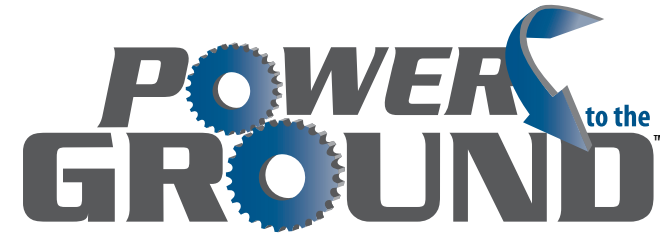
- 3,000-9,500 lbs less than other sprayers
- Decreases soil compaction to increase yield potential
- Lowers operating costs
- The competition tries to hide their need for extra horsepower and fuel behind a claim that heavier is better
- Less weight is a benefit, not a problem

- Design is like a tri-axle dump truck frame—constantly flexing and twisting. The flex-frame means:
 - Less stress on machine and operator
 - Reduced wear on accumulators and shocks
 - Less maintenance equals less downtime
 - Increased durability for a longer machine life

“Most of the country around here is 15-35 percent grade (and) there’s a hill that they measured that is 46 percent, and I spray it. I’ve always been very, very pleased with Apache’s weight ratio and what it does out there in the field as far as tracks and things. It covers the bases very well.”

Kevin Wagner, Farmington, Washington





Power-to-the-Ground™ Technology — Maximum Efficiency, Power and Simplicity

Maximum Efficiency from the Apache. Operators demand horsepower, but application demands a lightweight machine. Since day one, our engineering philosophy has presented Apache owners with the best of both worlds. We call it Power-to-the-Ground technology and it is the cornerstone of the Apache's mechanical drive.

Power matters. A full **98%** of the horsepower generated from the Apache's power makes it to the ground and, in doing so, delivers more impressive results. Engine torque can be doubled through our torque-converted mechanical drive—all while achieving an average of four gallons per hour of fuel consumption.

Simplicity breeds dependability. We make the drive system of the Apache simple and rugged, yet easy to maintain. Consequently, Apache owners enjoy a greater degree of confidence in their ability to spray on-time and with less maintenance-related downtime.

Apaches Deliver Power

Torque Converter

- Engine torque is doubled to make it through tough terrain
- Horsepower goes directly to the wheels

JCB Limited Slip Differential

- Allows for sharper turns
- Provides better traction in difficult field conditions

**Every Apache has a
Torque-Converted Power Shift
Mechanical Drive Transmission**



Power per Pound

- Hydrostatic machines require more horsepower because of added weight from wheel motors and pumps.
- The Apache's lighter construction provides more Power-to-the-Ground than competing sprayers.
- Most hydrostatic machines only deliver about 70% of the engine's horsepower to the ground, while the Apache delivers 98%.

APACHE AS1020 PLUS II, PTG TO WEIGHT RATIOS

Features	Apache/ET AS1020 Plus II	Apache/ET AS1025	John Deere 4830	RoGator/AgCo 1100	Patriot/Case 3330
TANK CAPACITY	1,000 gal	1,000 gal	1,000 gal	1,000 gal	1,000 gal
DRY WEIGHT	19,500 lbs	19,500 lbs	23,125 lbs	31,270 lbs	24,500 lbs
RATED HORSEPOWER	275 hp	173 hp	275 hp	311 hp	250 hp
EFFICIENCY	98%	98%	70%	70%	70%
ACTUAL PTG	270 hp	170 hp	193 hp	218 hp	175 hp
PTG/LB*	0.0138 hp/lb	0.0087 hp/lb	0.0083 hp/lb	0.0070 hp/lb	0.0071 hp/lb

The AS1020 Plus II is 59% more powerful than its nearest competitor.

APACHE AS1220 PLUS II, PTG TO WEIGHT RATIOS

Features	Apache/ET AS1220 Plus II	Apache/ET AS1220	John Deere 4940	RoGator/AgCo 1300	Patriot/Case 4430
TANK CAPACITY	1,200 gal	1,200 gal	1,200 gal	1,300 gal	1,200 gal
DRY WEIGHT	20,300 lbs	20,300 lbs	34,780 lbs	31,890 lbs	27,020 lbs
RATED HORSEPOWER	275 hp	215 hp	340 hp	339 hp	325 hp
EFFICIENCY	98%	98%	70%	70%	70%
ACTUAL PTG	270 hp	211 hp	238 hp	237 hp	228 hp
PTG/LB*	0.0133 hp/lb	0.0104 hp/lb	0.0068 hp/lb	0.0074 hp/lb	0.0084 hp/lb

The AS1220 Plus II is 58% more powerful than its nearest competitor.

* Based on dry weight

Look at the Facts: Hydrostat vs. Mechanical

- Hydrostats have costly wheel motors on each wheel
- A real 4-wheel drive option may not gain what you intended
 - Oil travels the path of least resistance
 - All the oil is being consumed by the spinning wheels that are trying to gain traction
 - 4-wheel traction control often results in the machine actually stalling
- The extra weight of a hydrostatic transmission and four wheel motors lead to poor balance and reduced traction
 - 50% of its weight is on the front end
 - Once traction is lost, the imbalance of power causes the hydrostat to bury itself

When considering a sprayer purchase, the buyer may be unnecessarily concerned about 4-wheel drive versus 2-wheel drive. This is especially true when comparing large capacity, self-propelled sprayers because the conventional drive system includes hydrostatic transmissions and wheel motors as the final drive on each wheel. **Through our Power-to-the-Ground engineering philosophy, the mechanical drive reigns most powerful, durable, and rugged.**

“Some companies talk about 4-wheel drive. I’d put this thing up against a 4-wheel drive any day. With those hydrostats you might get a couple of wheels spinning, but you’re not going to get them all spinning. With this one you don’t need to. If the back wheels are spinning and you use common sense, you’re going to get through the mud.”

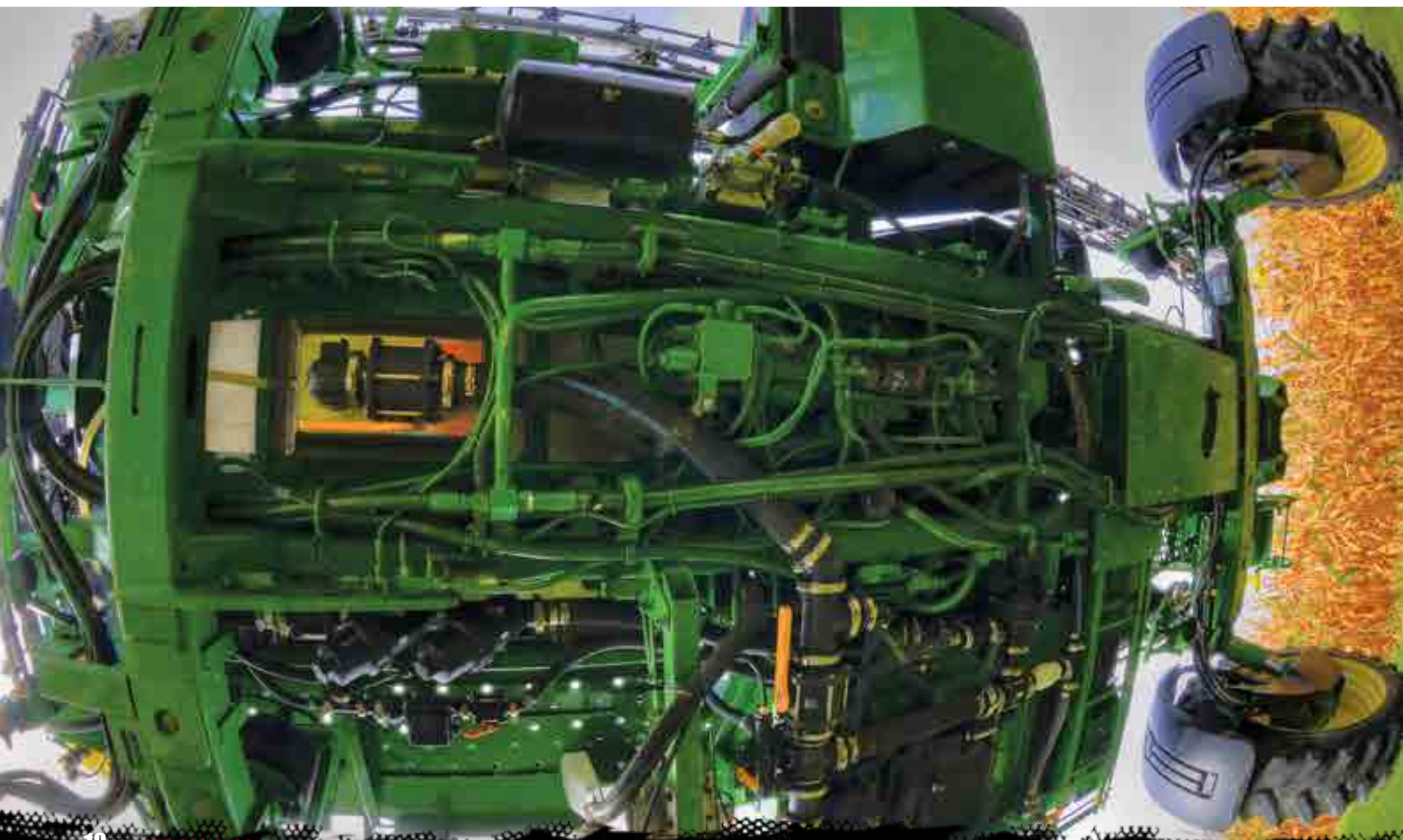
Todd George, Hardy, Iowa



Due to an extra 3,000 to 9,500 lbs of weight, hydrostatic sprayers can sink in wet soil



Hydrostats have a tangle of hoses, wires and electrical circuits to all four wheels.



Apache's mechanical drive takes power from the engine straight to the ground.





Apache 1025 –vs– John Deere 4830

Field Test Proves Cost-Saving Features of the Apache, and More

- Experienced 30% better fuel economy in sloppy soil conditions
- Weighed 17% less with 1,000 gallons of water in the product tank
- Maintained a higher average speed over the test course with both the product pump on and off
- Never got stuck, while the John Deere 4830 did—not once, but twice
- Was a full 12% quieter in the cab at 2400 RPMs in comparable operating ranges

Unmatched Traction

- 30% of the weight is on the front wheels
- 70% of the weight is over the rear tires
- Lock-up torque converter and limited slip differential keep both rear wheels in contact with the ground and turning regardless of conditions
- Flex-frame construction ensures all four wheels are always on the ground
- Less weight than a comparable hydrostat, the Apache powers through extreme conditions
- Pivoting front axle and oscillating joint with pending patents set the Apache apart from the competition



Map of test track used for field test



Watch the Field Test Video

Visit our YouTube channel:
<http://www.youtube.com/equipmenttech1>
 or simply search "Apache Field Test"

"Brand new, the Apache was cheaper than the used John Deere. I have some friends who have John Deere and they've had some difficulties with them. I've been impressed, it (the Apache) has stood up to everything that I've done."

Tim Black, Muleshoe, Texas



The Guardian Inspection Program™ provides you with a free inspection of the entire Apache Sprayer. This 30-point inspection is performed on your farm within 30 days of the first anniversary of your Apache delivery date and covers over 400 parts on your Apache. Valued at \$600, the Guardian Inspection Program also includes maintenance on parts covered by warranty and greasing your sprayer.

- Free first-year maintenance and inspection (**\$600 value**)
- 30-point inspection touching over 400 parts
- Performed by your dealer at your farm
- No later than 30 days from first anniversary of your delivery date
- Prevents down time
- Ensures maximum performance



5-Year Warranty

We believe in the Apache. We are willing to back up that belief with a warranty that proves it.

Each Apache Sprayer that rolls off the assembly line comes with an industry-best 5-year warranty. The Apache is engineered to go beyond the 5-year warranty.

Unrivaled First Two Years Bumper-To-Bumper Warranty

Equipment Technologies offers our comprehensive bumper-to-bumper warranty for the first two years on model year 2015 machines. This warranty will protect your Apache from bumper-to-bumper and boom tip-to-boom tip.

WARRANTY COMPARISON				
TIMEFRAME	APACHE/ET	ROGATOR/AGCO	PATRIOT/CASE	JOHN DEERE
1st Year	Bumper-to-Bumper (<1,000 hrs)	Bumper-to-Bumper	Bumper-to-Bumper	Bumper-to-Bumper (unlimited hrs)
2nd Year	Bumper-to-Bumper (<1,000 hrs)	drivetrain-parts & labor (<2,000 hrs)	drivetrain-parts & labor (<2,000 hrs)	none
3rd, 4th & 5th Year	drivetrain-parts* (<2,000 hrs)	none	none	none

**Powertrain, frame and axles less the engine for parts only. Engine exclusively covered by Cummins for 2 years or 2,000 hours.*



Affordability

Can I afford a self-propelled sprayer?

The answer, believe it or not, is likely yes.

Apache self-propelled sprayers are more affordable than you think. Pull-type sprayers may appear to cost less, except when fuel consumption, compaction, crop damage and lost productivity are factored in to the equation. You'll often find the cost of operating a self-propelled sprayer is the same or less than operating a pull-type.

Contact your Apache representative for a personalized cost calculation.



Time and Comfort

We often hear from customers that when they used a pull-type sprayer, they sprayed at about 6 mph. The ride was rough, and it made for a long day. With their new Apache they are spraying at about 12 mph. They get the job done in half the time.

They are also quick to share that the difference in the ride is phenomenal. The new state-of-the-art cab coupled with the Apache's patented self-leveling hydraulic suspension combats operator fatigue. For owner's that took the leap to get into an Apache Self-Propelled Sprayer, it's a leap they're glad they took, and they'd do it again.

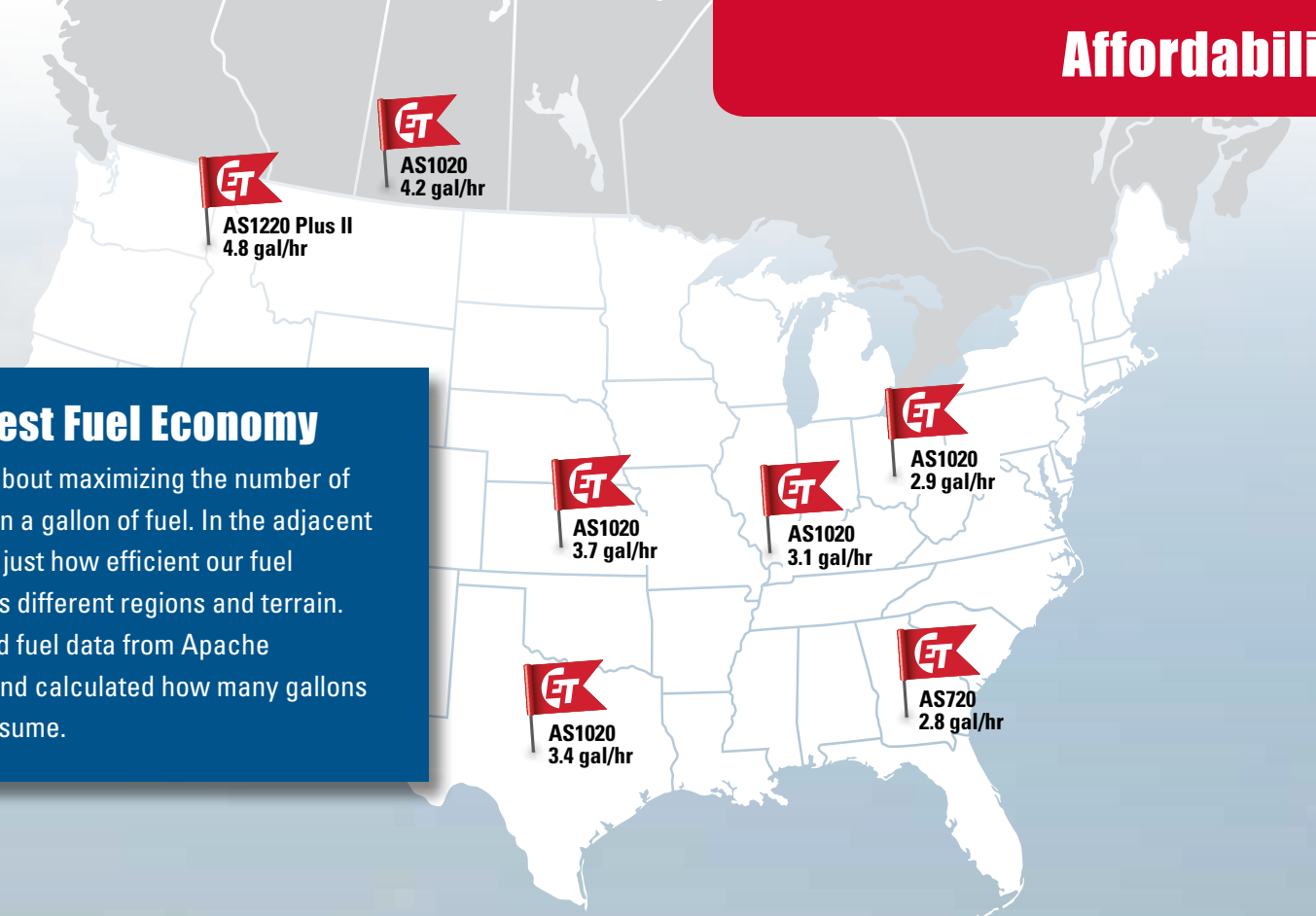
"We used to have a 500-gallon pull-type sprayer with booms, but it got to the point where we didn't have a tractor to pull it with. That led us to buy a self-propelled sprayer. We've been ecstatic with the Apache. It's a great machine. With the pull-type it used to take us a week or more to spray all of our corn and bean acres. Now we can spray 400 in acres in two days.

Brad Roberts, Westfield, Indiana

Affordability

Industry-Best Fuel Economy

Fuel economy is about maximizing the number of acres you spray on a gallon of fuel. In the adjacent map, you can see just how efficient our fuel economy is across different regions and terrain. We have collected fuel data from Apache Sprayer owners and calculated how many gallons per hour they consume.



Lowest Cost of Ownership in the Industry

- Lower service cost
- Lower cost for replacement parts
- Highest resale value in industry
- Greater fuel saving
- State-of-the-art precision options
- Lower operating costs
- Industry-leading 5-year warranty
- Guardian Inspection Program (**\$600 value**)
- Lower purchase price than comparable sprayers (**\$25,000 to \$75,000 less on average**)

APACHE AS720					
Features	Apache/ET AS720	RoGator/AgCo900	Patriot/Case 3230	John Deere 4730	John Deere 4630
FILTERS	\$581.14	\$971.96	\$479.75	\$980.72	\$980.72
BOOM BREAKAWAY- 90'	\$684.74	\$1,813.00	\$1,092.95 (100' boom)	\$2,678.40	\$2,375.06 (80' boom)
FLOW METER	\$375.58	\$610.00	\$628.20	\$966.00	\$966.00
PRODUCT PUMP & MOTOR	\$1,129.62	\$795.00	\$1,390.76	\$2,382.92	\$2,398.92
CONTROL VALVE	\$328.32	\$538.00	N/A	\$535.00	\$535.00
BOOM VALVE (on/off)	\$198.35	\$258.00	\$310.00	\$619.49	\$548.00
NOZZLE BODY	\$6.97 3-way and 5-way	\$9.12 3-way and 5-way	\$24.51 5-way	\$24.98 5-way	\$24.98 5-way
WHEEL MOTOR	N/A	\$6,888.00	\$3,941.76	\$4,576.63	\$2,518.16
TOTAL FOR ALL PARTS*	\$3,332.60	\$32,583.56	\$19,791.25	\$26,593.95	\$18,001.24
SAVINGS WITH THE APACHE		\$29,516.82	\$16,724.51	\$23,527.21	\$14,934.50

*Total for All Parts includes the cost of five (5) nozzle bodies and four (4) wheel motors. Actual prices may vary from the list prices that are shown.

APACHE AS1025/1020				
Features	Apache/ET AS1025	RoGator/AgCo1100	Patriot/Case 3330	John Deere 4830
FILTERS	\$521.15	\$971.96	\$479.75	\$980.72
BOOM BREAKAWAY- 90'	\$684.74	\$1,813.00	\$1,092.95 (100' boom)	\$2,678.40
FLOW METER	\$423.04	\$610.00	\$628.20	\$966.00
PRODUCT PUMP & MOTOR	\$917.81	\$795.00	\$1,390.76	\$2,382.92
CONTROL VALVE	\$328.32	\$538.00	N/A	\$535.00
BOOM VALVE (on/off)	\$194.92	\$258.00	\$310.00	\$548.00
NOZZLE BODY	\$6.97 3-way and 5-way	\$9.12 3-way and 5-way	\$24.51 5-way	\$24.98 5-way
WHEEL MOTOR	N/A	\$6,888.00	\$3,941.76	\$4,576.63
TOTAL FOR ALL PARTS*	\$3,104.84	\$32,583.56	\$19,791.25	\$26,522.46
SAVINGS WITH THE APACHE		\$29,500.44	\$16,708.13	\$23,439.34

*Total for All Parts includes the cost of five (5) nozzle bodies and four (4) wheel motors. Actual prices may vary from the list prices that are shown.

APACHE AS1220				
Features	Apache/ET AS1220	RoGator/AgCo 1300	Patriot/Case 4430	John Deere 4940
FILTERS	\$521.15	\$971.96	\$479.75	\$980.72
BOOM BREAKAWAY- 90'	\$684.74	\$1,813.00	\$1,092.95 (100' boom)	\$2,343.60
FLOW METER	\$423.04	\$610.00	\$628.20	\$966.00
PRODUCT PUMP & MOTOR	\$917.81	\$795.00	\$1,390.76	\$3,346.00
CONTROL VALVE	\$328.32	\$538.00	N/A	\$535.00
BOOM VALVE (on/off)	\$194.92	\$258.00	\$310.00	\$537.60
NOZZLE BODY	\$6.97 3-way and 5-way	\$9.12 3-way and 5-way	\$24.51 5-way	\$24.98 5-way
WHEEL MOTOR	N/A	\$6,888.00	\$3,941.76	\$9,146.00
TOTAL FOR ALL PARTS*	\$3,104.84	\$32,583.56	\$19,791.25	\$45,417.82
SAVINGS WITH THE APACHE		\$29,500.44	\$16,708.13	\$42,334.70

*Total for All Parts includes the cost of five (5) nozzle bodies and four (4) wheel motors. Actual prices may vary from the list prices that are shown.

Apply Faster with Apache's Boom Lengths and Wet Systems

Customizing your Apache Sprayer from seven different boom lengths, three nozzle spacings and three or five-way nozzle bodies gives you the most effective application available.

ET custom booms are structurally rated in excess of 4 G-forces. Pommier is the global leader in aluminum booms.

POMMIER BOOMS

Length	Section Configuration	Nozzle Spacing	Nozzle Bodies
120'	9	20"	3-way
132'	9	20"	3-way

Fence row nozzles available on one side or both

ET CUSTOM BOOMS

Length	Section Configuration	Nozzle Spacing	Nozzle Bodies
80'	7	15" or 20"	3- or 5-way
90'	9	15", 20" or 30"	3- or 5-way
100'	9	15", 20" or 30"	3- or 5-way
60' / 80'	7	15" or 20"	3- or 5-way
60' / 90'	9	15", 20" or 30"	3- or 5-way

5-Section boom available in lieu of standard. Nozzle spacing available on 5-Section boom are 15", 20" or 30". Fence row nozzles available on one side or both.

No More Lengthy Tank Refills

The Apache's fill station is close to the cab entry, allowing you to fill both the product tank and standard 100-gallon rinse tank in minutes. Our fill station has nine U.S. patents pending.

Our Wet System Reduces Downtime

To keep the nozzle tips from becoming blocked, each boom section has a 1" strainer with a 50-mesh screen, and a 2" full-port Banjo® main product strainer with a 50-mesh screen.

Wet Systems

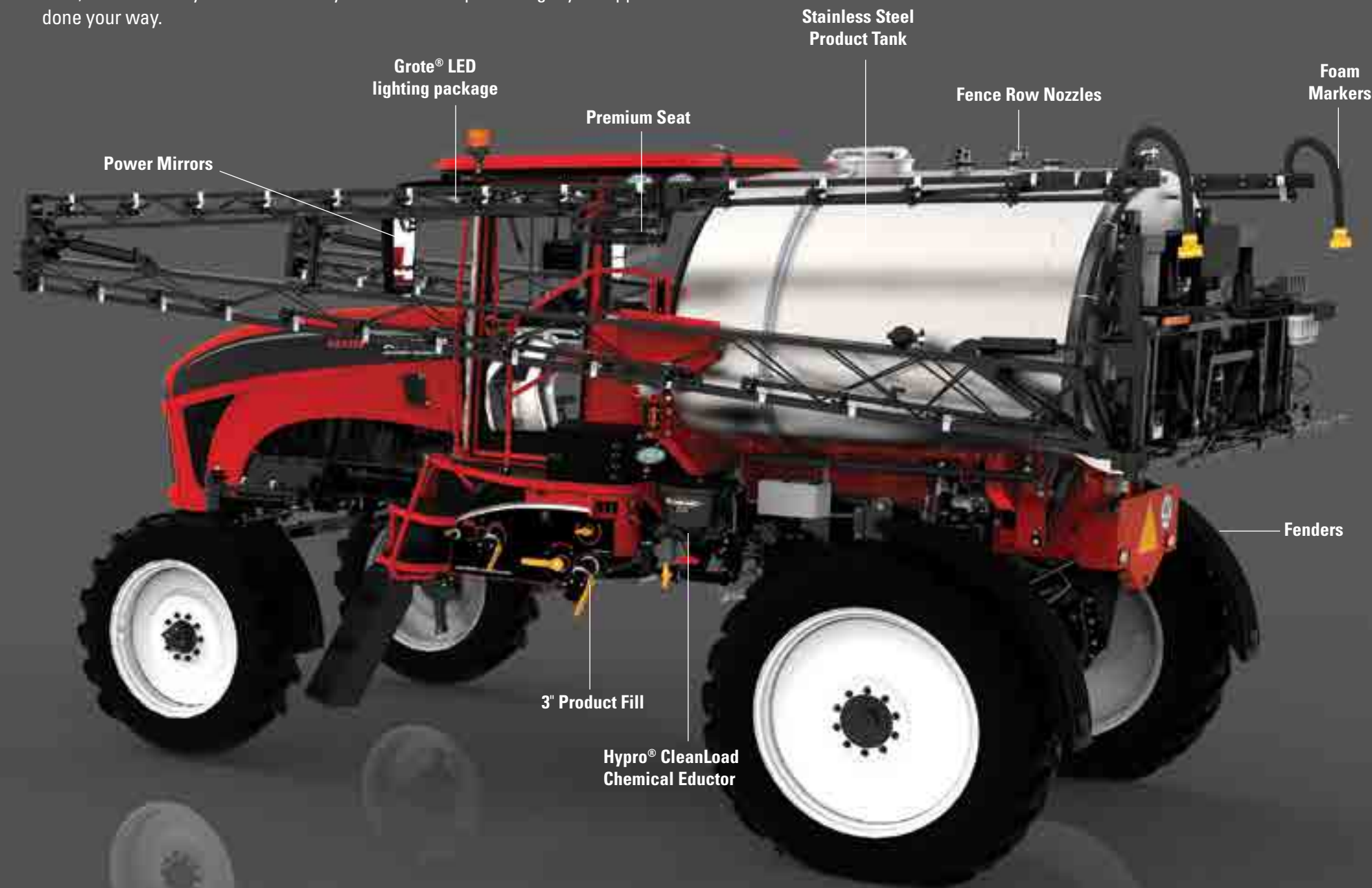


WET SYSTEM FEATURES

1. Hand rinse valve
2. LED lights for night work
3. Fill station switches (left to right)
 - Night light
 - Product pump on/off
 - Agitation increase/decrease
4. Remote battery connections
5. Agitation and roto-flush valve
6. Product tank 2" fill valve (optional 3" valve)
7. Product tank/rinse tank valve
8. Rinse tank fill valve
9. Optional fill station monitor
10. Optional Cleanload™ eductor

Customization that Works

We care about your success. Your needs as an applicator may be exclusive to your farm, and that's why we offer so many customizable options to get your application done your way.



The Brightest Lighting Package

Optional lighting package comes with:




- 10 aluminum housings
- 60 LED bulbs
- Estimated bulb lifetime of 42,500 hours
- Combination of long- and mid-range lenses for superior visibility
- LED hazard, brake and turn signals for night driving







Our lighting, floor-to-ceiling windows and True 360° visibility means you can spray safer at night.



Tire Options

Michelin Agriculture Tires come standard on all Apache Sprayers. Alternatively, the Apache Sprayer offers narrows, duals and floats.

FRONT				
Option	Size	Width	Series	Manufacturer
STANDARD	380/80R38	15.0"	AGRIBIB	
NARROW	320/85R38	12.4"	DT800	
FLOTATION	480/70R34	19.6"	OMNIBIB	

REAR				
Option	Size	Width	Series	Manufacturer
STANDARD	380/90R46	15.1"	SPRAYBIB	
NARROW	320/90R50	12.4"	ULTRA SPRAYER	
FLOTATION	620/70R42	25.2"	MEGAXBIB	
FLOTATION	800/65R32	31.5"	MEGAXBIB	
DUAL (STANDARD)	380/90R46	15.1"	SPRAYBIB	
DUAL (NARROW)	320/90R50	12.4"	ULTRA SPRAYER	

380/80R38
AGRIBIB



320/85R38
DT800



480/70R34
OMNIBIB



620/70R42
MEGAXBIB



320/90R50
ULTRA SPRAYER



380/90R46
Duals Available
SPRAYBIB



320/90R50
Duals Available
ULTRA SPRAYER



"I don't know why you would not consider an Apache. From my last sprayer to this one it was like operating a horse and buggy to going to a brand new pickup truck."

Todd Schapman, Romeo, Michigan

Precision Options

Field Computers and Controllers

- Brain of every precision system
- Provides centralized controls for all options

GPS Antenna and Receivers

- Determines accuracy of most other precision options
- Greater accuracy equals reduced input costs, reduced crop damage
- Less time spent in the field

Automatic Section Shut-Off

- Standard with 2015 factory-install of Raven™ or Trimble® field computer
- Auto shut-off of booms helps avoid spraying in no-spray zones
- Set overlap of spray product from row-to-row
- Reduce input costs
- Reduce operator stress and fatigue
- Allow for faster speeds in rows and turns

Auto Steering

- Creates precise lines in rows automatically
- Reduce time and input costs
- Travel at faster speeds in rows and turns
- Less crop damage
- Reduced operator stress and fatigue

Boom Height Leveling

- Automatically controls height of boom above ground
- User-friendly controls with instant power-on
- Greater boom stability
- Decreased wear and tear on boom
- Faster application speeds
- More even application
- Smoother ride and lower service costs

RAVEN

Trimble

FIELD COMPUTERS



Features	Envizio Pro II	Viper 4	FMX
TOUCH SCREEN CONTROL	6.5"	12.1"	12.1"
FOUR GUIDANCE PATHS: STRAIGHT A-B, LAST PASS, PIVOT, FIXED CURVE	YES	YES	YES
INTERNAL STORAGE MEMORY	512 MB	> 5 GB	2 GB
AUTOMATIC RATE CONTROLLER	YES	YES	YES
MAX. NUMBER OF PRODUCTS CONTROL	4	10	1
APPLICATION MAPPING & REPORTS	YES	YES	YES
WIRELESS CAPABLE	YES	YES	YES
NUMBER OF USB PORTS	2	2	1
ROAD MAP CAPABILITIES	NO	NO	NO
MULTIPLE SCREEN VIEWS	YES	YES	YES
OPERATING SYSTEM	Windows CE	Linux	Linux
BOOM AUTOMATIC HEIGHT CONTROL	YES with AutoBoom	YES with AutoBoom	YES with AutoBoom ³
SECTION CONTROL CAPABILITY ¹	YES with AccuBoom	YES with AccuBoom	YES with Field IQ
CONTROLS AUTOSTEER	YES with SmarTrax	YES with SmarTrax	YES with Autopilot
INTERNAL GPS ANTENNA/RECEIVER ²	Internal	Internal	Internal
AG CAMERA CAPABLE	NO	YES	YES

¹ All Apaches sold with factory-installed field computers will receive factory-installed boom section controls as well. ² GPS Configurations listed below in GPS Antenna/Receivers field. ³ Option available through isobus.

RAVEN

Trimble

AUTOMATIC SECTION SHUT-OFF

Features	AccuBoom	Field IQ
INDIVIDUAL BOOM SECTION CONTROL	YES	YES
ADJUSTABLE LOOK-AHEAD FUNCTION	YES	YES
MAX. NUMBER OF SECTIONS CONTROLLED	up to 10	up to 10
REDUCTION IN OVERLAP	YES	YES
HANDS-OFF OPERATION	YES	YES
ADJUSTABLE TURN-OFF PERCENTAGE	YES	YES

AUTOSTEER

Features	SmarTrax ¹	Autopilot ¹
LINE ACQUISITION ENGAGE AFTER TURNING OVER HALFWAY AROUND	YES	YES
AUTOMATED CALIBRATION	YES	YES
3D TERRAIN COMPENSATION	YES	YES
FOOT PEDAL ENGAGEMENT	YES	NO
JOYSTICK ENGAGEMENT	YES	YES
STEERING WHEEL DISENGAGEMENT	YES	YES
FOUR GUIDANCE PATHS: STRAIGHT A-B, LAST PASS, PIVOT, AND FIXED CURVE	YES	YES
MAX. OPERATING SPEED	25	18
ACCURACY	2" to 4" < 10 MPH 4" to 7" > 10 MPH	2" to 4" < 10 MPH 4" to 7" > 10 MPH

¹ Both Smartrax and Autopilot are hydraulic systems.

Precision

BOOM HEIGHT LEVELING (AUTOBOOM)

Features	PowerGlide	UltraGlide	Trimble
GAUGE WHEELS	YES	Optional	You may run Raven AutoBoom.
ULTRASONIC SENSORS	Optional ¹	YES	
ONE-TOUCH CALIBRATION	YES	YES	
THREE or FIVE ULTRASONIC SENSORS ²	NO	YES	
CENTER RACK CONTROL	YES ¹	YES	
DUAL SENSOR KIT	NO	Optional	

¹ Ultrasonic eye for center rack control with PowerGlide Plus. ² Pommier booms require five ultrasonic sensors.

GPS ANTENNA/RECEIVERS

Features	Envizio PRO II	Viper 4	FMX
WAAS CAPABLE Wide Area Augmentation System Accuracy = 7" - 11" pass-to-pass	YES	YES	YES
Omnistar XP/HP Capable or Raven GS Accuracy = up to 2" - 4" pass-to-pass	YES	YES	YES
RTK CAPABLE Real-Time Kinematics Accuracy = sub-inch repeatable	YES	YES	YES
GNASS CAPABLE ¹ Glonass	YES	YES	YES

¹ GNASS is not a standalone option. GNASS provides additional reliability to support RTK solutions.

We Are the Only Company to Factory Install:

RAVEN

Trimble



"Our Apache Sprayer has provided our family with a way to maintain our crops that is timely, reliable and cost effective. The sprayer is equipped with technology that is easy to use and a way to keep track of our farming more efficiently."

Chase Farms, Abilene, Kansas

Our Global Family



Our Global Apache Family

- We provide all of your needs in one: Sales, Services and Parts.
- We strive to deliver an innovative product, as well as an outstanding customer service experience.
- With 17 years in the industry, we have delivered innovation to the world of application. We continue to strive for excellence every day. Our customers are our No.1 priority.
- Value starts and ends with us all working together.

Your success is our success. You are part of the Apache Family.



"Overall I'm very satisfied with the Apache. It's very economical for fuel. We did a lot of research before buying it. Our son went online and designed it. My brother owns a Versatile and we like our sprayer better. This is the first self-propelled sprayer we've bought. A lot of neighbors in the area have John Deere and RoGaters and they are all fuel burners and always stuck."

Gerald Steffen, High Level, Alberta, Canada

"It's a smooth ride. The suspension is great up and down and over the terraces. A tractor would just beat you up and you'd feel at the end of the day fatigue and tiredness. You don't feel that way with the Apache."

Mike Younger, Victoria, Kansas

"I've been impressed. It has stood up to everything that I've done."

Tim Black, Muleshoe, Texas

"Down in this country I struggle with the Case machine and its ability to not tear up crop when I'm climbing a hill. If I get any slippage at all out of the front I'll tear out my wheat. There's no need to have 4-wheel drive in that machine (Apache). The Apache did everything it needed to do in 2-wheel drive. The distance it takes to get up to spraying speed is actually quite a bit less than it is in my hydrostat machine. It's impressive."

Seth Millhorn, Spokane/Coeur d'Alene, Washington

"I'm a John Deere man but the price difference made me go with the Apache. Everyone I talked to said it has a lot better fuel economy and that's part of the reason I went with Apache. It seems to have everything Deere has. Everything you need is on it."

Mike Waldner, Val Marie, Saskatchewan, Canada

"I was never sold on the hydrostatic drives like everybody else has been. One of the things that got me so excited about the Apache Sprayer is that it has a power shift mechanical drive system."

Bill Hoffman, Hays, Kansas

**To view our customer testimonials
go to: ETsprayers.com/reviews**





learn + grow + apply

Learning and Growing

We are dedicated to providing grower-focused education and training.

Through the ET Ag Application College, Application Specialists will:

- Deliver world-class programs
- Help producers maximize the capabilities of their Apache Sprayer
- Give growers access to clinics at local dealerships
- Offer a variety of online targeted training resources
- Provide training that maximizes yield and profit

We are ready to support you all along the way.

Education and Training

The more you know about your Apache and how to get the most from it, the more you realize owning an Apache is the right decision.

Applied education and training helps you:

- Increase yield
- Reduce drift
- Knock out crop pests
- Reduce chemical waste
- Complete accurate passes

Make the most of our commitment to your education and training. Get the most from your machine.

“Presented in logical, step-by-step format with great answers to questions.”

Tim Graff, Beatrice, Nebraska



Fits Your Needs



AS720

Unique Features of the AS720

Tank Capacity
750 gallons

Transmission
JCB transmission
Power Shift, 4-speed

Engine
Tier 3 160 hp
Cummins engine

Top Road Speed
28 MPH

Weight
19,200 lbs (approx. dry weight)

Crop Clearance
42" with JCB planetary final drives
50" clearance with 18" drop box all-gear
final drives (optional)

The Best-Selling Apache



AS1025 1020

Unique Features of the AS1025/1020

Tank Capacity
1,000 gallons

Transmission
ZF Power Shift, 6-speed with
lock-up torque converter

Engine
Tier 4i 173 hp (AS1025)
Tier 3 173 hp
(AS1020-international markets only)
Cummins engine

Top Road Speed
35 MPH

Weight
19,500 lbs (approx. dry weight)

Crop Clearance
42" with JCB planetary final drives
50" clearance with 18" drop box
all gear final drives (optional)
on AS1025, required with AS1020 Plus II)

The Largest-Capacity Apache

AS1220

Unique Features of the AS1220

Tank Capacity
1,200 gallons

Transmission
ZF Power Shift, 6-speed with lock-up torque converter

Engine
Tier 3 215 hp (AS1220)
Cummins engine

Top Road Speed
35 MPH

Weight
20,300 lbs (approx. dry weight)

Crop Clearance
50" clearance with 18" drop box all-gear final drives

Ultimate Horsepower

Plus II

Unique Features of the AS1020 Plus II

Tank Capacity
1,000 gallons

Transmission
ZF Power Shift, 6-speed with lock-up torque converter

Engine
Tier 3 275 hp
Cummins engine

Top Road Speed
35 MPH

Weight
20,265 lbs (approx. dry weight)

Crop Clearance
50" clearance with 18" drop box all-gear final drives
(Required with Plus II package)

Unique Features of the AS1220 Plus II

Tank Capacity
1,200 gallons

Transmission
ZF Power Shift, 6-speed with lock-up torque converter

Engine
Tier 3 275 hp
Cummins engine

Top Road Speed
35 MPH

Weight
20,300 lbs (approx. dry weight)

Crop Clearance
50" clearance with 18" drop box all-gear final drives



Equipment Technologies defines value as the balance of quality, reliability, profitability and, most importantly, an operator experience that exceeds expectations. We believe value starts with the desire of all ET employees to be excellent at their craft. The result of that excellence lives in the Apache owner's experience where they truly believe they have sacrificed nothing in their decision to purchase an Apache and, in fact, have gained a dependable, long-term partner for their operation.

"The mechanical drive is like the rest of the machine – self-explanatory. Everything underneath there, if you're half mechanical-minded, you know what it does and how it does it. If you can turn a wrench you can work on it."

Mike Younger of Victoria, Kansas

