

# POWER- TO-THE- GROUND™ TECHNOLOGY



Strength, simplicity and savings. The Apache Sprayer has all three, thanks to its patented Power-to-the-Ground™ Technology. A full **90 percent** of an Apache's horsepower is transferred to the ground, making it more efficient than hydrostatic sprayers, which transfer approximately 70 percent of available horsepower to the ground.

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

**Superior Ground Contact:** Apache Sprayers feature flex-frame construction that ensures all four wheels are always on the ground. Lock-up torque converter and limited slip differential create a constant contact with the ground rear wheels and keep them turning no matter the field conditions.

## More 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.
- The Apache's mechanical drive transmission has fewer parts than hydrostat machines, meaning an Apache is easier to maintain. Despite its simple construction, the Apache is rugged and dependable. It can handle even the toughest field conditions.
- Apache owners appreciate the excellent fuel efficiency. The torque converted mechanical drive achieves an average fuel consumption of four gallons per hour.

**APACHE** by **ET**  
**SPRAYERS**

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## APACHE AND COMPETITOR COMPARISONS

List price is based on a sprayer with fenders, premium leather seat, 100 foot boom, Viper® 4, AccuBoom™, UltraGlide AutoBoom® and SmarTrax™ AutoSteer. Power-to-the-Ground™: HP per 1,000 lbs is calculated by: hp x efficiency ÷ weight x 1,000.

FEATURES	APACHE AS730	JOHN DEERE® R4030	CASE PATRIOT® 3240
WEIGHT	19,700 lbs	29,810 lbs	23,480 lbs
CAPACITY	750 gal	800 gal	800 gal
RATED HORSEPOWER	173 hp	280 hp	250 hp
EFFICIENCY	90%	70%	70%
PTG: HP PER 1,000 lbs	7.9	6.6 (-1.3)	7.5 (-0.4)
LIST PRICE	\$262,000	\$343,000	\$296,000

The AS730 has **19.7 percent** more power than the John Deere R4030.

The John Deere R4030 is **30.9 percent** more expensive than the AS730.

FEATURES	APACHE AS1030	JOHN DEERE R4038	CASE PATRIOT 3340
WEIGHT	20,000 lbs	31,559 lbs	26,560 lbs
CAPACITY	1,000 gal	1,000 gal	1,000 gal
RATED HORSEPOWER	225 hp	310 hp	285 hp
EFFICIENCY	90%	70%	70%
PTG: HP PER 1,000 lbs	10.1	6.9 (-3.2)	7.5 (-2.6)
LIST PRICE	\$350,000	\$414,000	\$384,000

The AS1030 has **31.7 percent** more power than the John Deere R4038.

The John Deere R4038 is **18.3 percent** more expensive than the AS1030.

### XP (Extra Power) Package on the 1230

FEATURES	APACHE AS1230	APACHE AS1230 XP	JOHN DEERE R4045	CASE PATRIOT 4440
WEIGHT	21,000 lbs	21,000 lbs	36,080 lbs	28,900 lbs
CAPACITY	1,200 gal	1,200 gal	1,200 gal	1,200 gal
RATED HORSEPOWER	260 hp	300 hp	346 hp	335 hp
EFFICIENCY	90%	90%	70%	70%
PTG: HP PER 1,000 lbs	11.1	12.9	6.7 (-6.2)	8.1 (-4.8)
LIST PRICE	\$365,000	\$365,000	\$468,000	\$405,000

The AS1230 XP has **39.6 percent** more power than the John Deere R4045.

The John Deere R4045 is **28.2 percent** more expensive than the AS1230XP.

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Learn more about the advantages of running with Apache! Visit your local Apache dealer or [apachesprayers.com](http://apachesprayers.com).

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