

**CASE II**  
AGRICULTURE

**PATRIOT™ 3330 SPRAYER**



**PRODUCTIVITY, RELIABILITY AND EFFICIENCY ARE ALL KEY DRIVERS IN AN EQUIPMENT PURCHASE. THE CASE IH PATRIOT 3330 SPRAYER ADDRESSES ALL THREE FACTORS WITH INPUT FROM SPRAYER CUSTOMERS, SOLID ENGINEERING AND INDUSTRY LEADING TECHNOLOGY THAT TAKES SPRAYER APPLICATION TO THE NEXT LEVEL—GIVING YOU THE IDEAL MACHINE FOR YOUR OPERATION.**



# FOR THOSE WHO DEMAND MORE

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## POWER MANAGEMENT

The foundation of the drive system begins with the Case IH 6.7 liter electronically controlled diesel engine. This Tier III emissions compliant engine is rated at 250 hp @ 2200 rpm with a peak horsepower rating of 270 hp @ 2000 rpm. In addition, a peak torque rating of 789 ft-lbs. provides the necessary power to take on the toughest of challenges, from hilly terrain to soft fields.

Combine this engine with the low restriction cooling system and you have an engine package that not only operates with less engine noise and parasitic horsepower loss, but is also more fuel efficient-giving you the most bang for the buck.



▲ **The large, 1,296 square inch core radiator** with 6-1/2 fins per inch keeps the engine cool on the Patriot 3330. The large surface area core and wide fin spacing allow for excellent cooling and air flow capabilities.

▲ **A convenient catwalk** along the machine's left side makes daily engine fluid checks quick and easy, getting you into the field faster each day.

## CAB CHOICES

Equip your Patriot 3330 sprayer with the Deluxe version of the Surveyor™ cab or treat yourself to the Luxury cab option which includes a heated, red leather seat, leather instructional seat, leather wrapped steering wheel and carpeted floor mat. In addition, the luxury cab option comes equipped with automatic temperature control and intermittent wipers. Both cab options include the Optima™ air ride seat with seven different adjustments to provide the "just right" fit. The 109.5 cubic feet of interior space allows the operator to get comfortable and provides ample room to stretch those legs on long spraying days.

The Patriot 3330 achieves superb visibility through the large area of 68.5 square feet of tinted cab glass coupled with component design and strategic placement. The tapered product tank and a short, sloped fuel tank greatly reduce blind areas and improve line of sight to the ground.



▲ **The cab has 109.5 cu ft of interior space** which allows for plenty of room to stretch your legs during long days in the field. An instructional seat is standard equipment.

# LEADING THE INDUSTRY



## BOOM OPTIONS

The rugged and durable parallel-link style boom is available in three lengths to fit your field or geographic region. Select either the 60/90 ft., 60/100 ft. or choose the 60/90/120 ft. boom and watch your productivity grow. Each of these boom lengths comes standard with a boom fold/unfold feature to increase efficiency and productivity.



▲With 68.5 sq. ft. of tinted glass, the operator has clear visibility to the front, sides and rear.

▲All of the controls needed on a routine basis are mounted on the right-hand console which is attached directly to the seat, allowing the controls and console to move with the operator.

▲The electronic right-hand A-post instrumentation cluster provides the operator with readings on all vital information within the operator's natural field of vision.

▲The 120-ft. spray boom comes standard with AutoFold Plus. With the touch of a single switch, the boom can be unfolded or folded in approximately 30 seconds. In addition, the return-to-height feature lowers the center section to its last setting.

# PRECISION AG TECHNOLOGY

PROVIDING ACCURACY, CONVENIENCE AND INPUT SAVINGS THAT IMPACT YOUR BOTTOM LINE.

## **AFS AccuGuide™ Autoguidance**

The Patriot 3330 can be ordered AFS AccuGuide Ready, and only needs the AFS Pro 600 display, the AFS 252 GPS receiver, and the Navigation II controller to complete the installation. These three components can either be installed direct from the factory, or transferred from your

AFS AccuGuide tractor or combine into the sprayer which minimizes the overall investment in autoguidance technology.

## **AutoBoom™ Automatic Boom Height Control**

Through the use of ultrasonic sensors, boom position above the target is automatically maintained with this optional feature. Either a single sensor or dual sensors on each boom, along with the availability of gauge wheels, keep a level spray platform providing the best possible application and maximize boom life.

## **AccuBoom Automatic Boom Section Control**

The optional AccuBoom boom section control not only reduces the stress of operation but also results in chemical savings that impact the bottom line. As the sprayer enters an already applied area, the boom sections automatically turn off and then turn back on again once the sprayer leaves that applied section of the field.

## **AIM Command™ Spray Technology**

Maintaining optimum droplet size is key in getting the most out of your chemical application. The AIM Command spray system allows operators to choose their application pressure independent of application rate or ground speed. So, as you speed up or slow down throughout the field, your target rate is maintained along with a constant pressure, giving you the best application job possible.



▲ **With the AIM Command spray system, three conveniently placed switches put true application control right at your fingertips.** These switches allow the operator to control the spraying characteristics. The first switch selects between the AIM Command system and conventional spraying. The second switch increases or decreases the pressure setting and the third switch allows the operator to select one of the two preset pressures.

# SPECIFICATIONS



Patriot 3330 Sprayer	
Engine	6.7 L (409 cu. in.) Case IH inline 6-cylinder, 250 rated hp (186 kW), 270 peak hp (202 kW), 789 ft.-lbs. (1070 Nm) peak torque, turbocharged, after-cooled, electronically controlled diesel
Drive	Hydrostatic with full-time 4-wheel drive. Infinitely variable speed control returns wheel motor swash plates to maximum angle each time the hydro lever is returned to neutral. Allows maximum torque for each start.
Wheel Track Adjustment	120-157 in. (305-399 cm) hydraulically adjusted from the cab, with manual stops at 1 in. (2.5 cm) increments per wheel
Travel Speed	30 mph (48 kph)
Dry Weight	25,400 lb. (11521 kg) with 120 ft. boom
Solution Tank Size	1,000 gal. (3785 L) stainless steel
Nozzle Spacing	20 in. (50 cm) off-center or 20-30 in. (50-76 cm) with 30 in. (76 cm) on-center
Overall Length	27.75 ft. (8.5 m)
Overall Height	12 ft. (3.7 m)
Overall Width	Wheels retracted 11.5 ft. (3.5 m) Wheels extended 14.6 ft. (4.5 m)
Wheelbase	12.5 ft. (3.8 m)
Tire Size	Available with 520/85 R38 or 320/90 R46 or 380/90 R46 or 650/65 R38
Ground Clearance	52 in. (132 cm)
Turning Radius	23 ft. 3 in. (7.1 m) from center line of rear axle
Boom Length	60/90 ft. (18.3/27.4 m), 60/100 ft. (18.3/30.5 m), or 60/90/120 ft. (18.3/27.4/36.5 m) self-centering
Boom Adjustment Height	19-84 in. (48-213 cm)
Full Boom Breakaway	30 degrees
Wingtip Breakaway	90 ft. – 5.5 ft. (1.7 m)/100 ft. – 10.5 ft. (3.2 m)/120 ft. – 9 ft. (2.7 m)
Suspension	4-wheel independent trailing-link with spring and shock standard; active suspension optional
Steering	Hydraulic power steering with master/slave re-phasing cylinders
Fuel Tank	120 gal. (454 L)
Sprayer Control	Case IH SCS 5000 or Case IH Viper Pro
Product Pump	Centrifugal-hydraulic motor driven by product control system
Foam Marker	55 gal. (208 L) high-volume foam marker system. Air supply taken from turbocharger standard, or engine driven air compressor optional
Rinse Tank	112 gal. (424 L)

The Patriot 3330 sprayer raises the bar by which all sprayers are measured with its focus on increased efficiency, productivity, reliability and operator comfort. Your Case IH Application Equipment retailer is always there when you need them to ensure your sprayer is performing at its best, day in and day out. Their dedicated sales consultants will help analyze your needs and answer questions. Highly trained service technicians are available to provide expert after-sale support and a dedicated parts inventory is on hand to maximize your uptime. Contact your local Case IH Application Equipment retailer today to learn more about the Patriot 3330 sprayer.



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**SAFETY NEVER HURTS!™** Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

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