

PATRIOT®

PATRIOT®

50 SERIES SPRAYERS
285 – 390 hp



AGRONOMIC DESIGNSM

CASE IH

CASE IH

NEW LOOK, SAME PATRIOT DNA

No matter how trusted and reliable, it's tough to teach an old sprayer new tricks. That's why we redesigned the Patriot 50 series sprayer from the ground up — while keeping the Agronomic Design features that mattered to you most. For decades, the distinctive cab-forward, rear-engine design and strong, durable boom have been critical to helping operators achieve accurate, timely spraying. And now, the Patriot sprayer combines those key elements with the most advanced technology to take high-efficiency spraying to the next level.

A ULTIMATE CONNECTIVITY

A suite of solutions and options to ensure machines are set up for the tasks at hand, tracking machines, jobs and field data.

B BOLD, NEW STYLING

With redesigned front and rear hoods, the look of the Patriot sprayer embodies all of what you expect from Case IH application equipment and technology: power, innovation and efficiency.

C AWARD-WINNING ARMREST

Operators of current model Steiger® and Magnum™ series tractors will feel at home with the exceptional ergonomics of the Patriot 50 series sprayer MultiControl Armrest and MultiFunction Handle — all mounted to the seat for easier operation as you move and swivel.



Recognition of the year's top 50 most innovative new agricultural products.



ADVANCED SPRAY TECHNOLOGY

With AIM Command FLEX II advanced spray technology, you get the best possible chance at maintaining your ideal chemical application rate, pressure and accuracy. This innovative technology is capable of higher flow rates and incorporates individual nozzle on/off control to ensure efficient, precise application — regardless of speed or terrain.


D ADVANCED SPRAY TECHNOLOGY

High-quality and accurate application is made possible by AIM Command FLEX II advanced spray technology, which offers severe duty poppets, individual nozzle on/off control and is capable of higher flow rates.

E SUPERIOR RIDE

A 4-bar linkage chassis suspension system gives you better ride quality and keeps you in control through smoother suspension and higher wheel travel to help boost productivity.

MODEL	PATRIOT 3250	PATRIOT 4350	PATRIOT 4450
CAB			
Cab Interior Space		3.7 m ³	
Cab Glass Area		7.5 m ²	
Cab Trim		Luxury	
Operator Seat		Active seat with adjustable 30 degree swivel to the right	
Operator Seat Adjustments		Lumbar support, firmness and auto weight adjustments, fore/aft and lateral isolators, back cushion tilt, swivel, fore/aft position, and height	
HVAC System		Automatic temperature control	
Cab Pressurisation		Cab pressure monitored by HVAC system through the AFS Pro 1200, alerts displayed if cab pressure falls below 20 Pa	
ENGINE			
Engine/Cylinders/Displacement	Case IH FPT Tier 3/ 6 Cyl/ 6.7L	Case IH FPT Tier 2/ 6 Cyl / 8.7L	
Engine hp	285 rated hp / 309 peak hp	335 rated hp / 374 peak hp	390 rated hp / 415 peak hp
Peak Torque	1159 Nm	1550 Nm	1706 Nm
Alternator		240 amp standard / 330 amp supplied with Direct Injection kits	
Fuel Tank		568L	
CHASSIS			
Crop Clearance		1346 mm	
Wheelbase	3.8 m		4.1 m
Turning Radius	6.8 m	7.6 m	7.3 m
Chassis Suspension		4-wheel independent, 4-bar linkage design, air ride with tuned shock absorber	
Total Suspension Travel		203 mm	
Wheel Track Adjustment (Standard/Optional)		2997–4064 mm hydraulically adjusted from the cab with manual stops at 2.5 cm increments / 2997–4064mm hydraulically adjusted from the cab; automatically adjusts to desired width entered into AFS Pro 1200 display. Adjustments can be made in 1 cm increments	
DRIVETRAIN			
Type		Hydrostatic	
4-Wheel Drive		Full-time with traction control feature	
Shifting/Number of Ranges		Infinitely variable with two programmable speed pre-sets	
Speed Range(s)	0–51.5 kph		0–59.5 kph
TYRES			
Row Crop Tyre Selections	VF380/90R46, LSW480/70R46	VF380/90R46, LSW480/70R46	VF380/105R50, VF480/80R50
Flotation Tyre Selections		LSW 680/50R46	LSW710/60R46
SOLUTION SYSTEM			
Solution Tank Fill Connection/Capacity	76.2 mm 785 l tank	76.2 mm 4,542 l tank	76.2 mm 6,057l tank
Solution Tank Material		Stainless steel	
Solution Tank Fill Location		Service Center / Front Fill	
Rinse Tank Fill Connection/Capacity	50.8 mm 379 l	50.8 mm 530 l	50.8 mm 605 l
Rinse Tank Fill Location		Service Center	
OTHER TANKS AND CONTAINERS			
Product Pump		Hypro centrifugal pump, 50.8×38.1 mm, stainless steel housing	
Fence Row Nozzles		Fixed 45 degree angle	
BOOM			
Boom Length Selections		18.3/30.5 m, 18.3/27.4/36.6 m, 21.0/41.1 m model dependent	
Boom Plumbing Material		Stainless steel spray bars	
Boom Nozzle Spacing		508 mm	
Boom Height Adjustment		610-2,100 mm	
OVERALL DIMENSIONS			
Dry Weight	13,082 kg	14,700 kg	15,315 kg
Transport Height×Width×Length	3.7 m x 3.7 m x 9.0 m	3.8 m x 3.8 m x 9.3 m	3.8 m x 3.8 m x 9.3 m

 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. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants. CNH International - Riva Paradiso, 14 - 6902 Paradiso-Lugano Switzerland - Visit our website: www.caseih.com - Case IH Patriot 50 Flyer 11/22 MEA - 22MEAC1002COMINB

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