

PATRIOT® 2250 SELF-PROPELLED SPRAYER SPECIFICATIONS

CASE IH
AGRICULTURE



PATRIOT 2250 SELF-PROPELLED SPRAYER SPECIFICATIONS



NEW FEATURES:

- 175 hp rated (6% higher than Patriot 2240); 190 hp peak (almost 10% greater)
- Tier 4 B/Final emissions compliant using SCR-only technology
- New front and rear hoods – common look and operation with larger Patriot models
- Increased fuel (40%) and DEF (50%) tank capacities compared to the Patriot 2240
- New optional front fill design
- New front hood lighting –common with larger Patriot sprayers
- New 4-speed hydrostatic drive system
 - New heavy duty hydrostatic pumps
 - New front wheel motors (different displacement than rear, allows for 4-speed range capabilities)
- New mid-ship service center design
- New radio option
- Monitor mounting bar option
- Control switch on right-hand console for optional foam marker system
- Dual foam drop (at 60 ft.) option
- Belly pan option
- Crop shield kit

PLUS THESE KEY FEATURES:

- Best-in-class crop clearance – 62 inches with R42 tires
- Optimum weight distribution for reduced compaction and rutting, plus earlier field access
- Full range of precision farming options including the Case IH exclusive AIM Command® and AIM Command PRO™ spray systems

	PATRIOT 2250
SPECIFICATIONS	
Engine	Case IH FPT 6.7 L (409 cu. in.) inline 6-cylinder, 175 rated hp (131 kW), 190 peak hp (142 kW), 612 ft-lbs. (830 Nm) peak torque, turbocharged, after-cooled, electronically controlled diesel, Tier 4 B/Final, SCR-only emissions system
Drive	Hydrostatic with full-time 4-wheel drive; four speed ranges can be shifted on-the-go
Wheel Track Adjustment	90–120 in. (229–305 cm) manual adjustment; optional hydraulically adjusted from the cab with manual stops at 2 in. (5.1 cm) increments
Travel Speed	28 mph (45 kph)
Dry Weight	21,030 lbs. (9 540 kg)
Solution Tank Size	660 gal. (2500 L) poly
Nozzle Spacing	20 in. (50.8 cm) off-center or 20–30 in. (50.8–76.2 cm) with 30 in. (76.2 cm) on-center
Overall Length	28 ft. 10 in. (8.8 m)
Overall Height	12 ft. 2 in. (3.7 m)
Overall Width	Wheels retracted 10 ft. 6 in. (3.2 m); wheels extended 11 ft. 6.5 in. (3.5 m)
Wheelbase	11 ft. 8 in. (3.6 m)
Tire Size	Available with 320/90R42, 380/80R38 and 420/85R38
Ground Clearance	62 in. (158 cm) with R42 tires
Turning Radius	22 ft. 7 in. (6.9 m) from center line of rear axle
Boom Length	60/80 ft. (18.3/24.4 m) or 60/90 ft. (18.3/27.4 m) self-centering
Boom Adjustment Height	27–90 in. (68–228 cm)
Full Boom Breakaway	23 degrees
Wingtip Breakaway	5 ft. 2.5 in. (1.6 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/DEF Tank	120 gal. (454 L)/21 gal. (79.5 L)
Sprayer Control	Case IH SCS 5000, Case IH AFS Pro 700, Case IH Viper 4
Product Pump	Centrifugal-hydraulic motor drive by product control system
Foam Marker	7 gal. (27 L) self-contained foam marker system
Rinse Tank	74 gal. (280 L)

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