

Models Patriot 3230, Patriot 3330 & Patriot 4420

MODEL	Patriot 3230	Patriot 3330	Patriot 4420
Engine	6.7 L (409 cu. in.) Case IH NEF inline 6-cylinder, 220 rated hp (164 kW), 240 peak hp (179 kW), 752 ft.-lbs. (1020 N-m) peak torque, turbocharged, after-cooled, electronically controlled diesel	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 N-m) peak torque, turbocharged, after-cooled, electronically controlled diesel	8.3 L (505 cu. in.) Case IH inline 6-cylinder, 290 rated hp (216 kW), 310 peak hp (231 kW), 1,020 ft.-lbs. (1383 N-m) 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 hydro lever is returned to neutral. Allows maximum torque for each start.	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.	Hydrostatic with full-time 4-wheel drive. Infinitely variable speed control returns wheel motor swash plates to maximum angle each time 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	120-157 in. (305-399 cm) hydraulically adjusted from the cab with manual stops at 1 in. (2.5 cm) increments per wheel	120 -157 in. (305-399 cm) hydraulically adjusted from the cab with manual stops at 1 in. (2.54 cm) increments per wheel
Travel Speed	30 mph (48 kph)	30 mph (48 kph)	30 mph (48 kph)
Dry Weight	22,780 lbs. (10 333 kg)	25,400 lbs. (11 521 kg) with 120 ft. boom	90/100 ft. - 25,060 lbs. (11 367 kg)/120 ft. - 25,940 lbs. (11 766 kg)
Solution Tank Size	800 gal. (3028 L) stainless steel or poly construction	1,000 gal. (3785 L) stainless steel	1,200 gal. (4542 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	20 in. (50 cm) off-center or 20-30 in. (50-76 cm) with 30 in. (76 cm) on-center	20 in. (50 cm) off-center or 20-30 in. (50-76 cm) with 30 in. (76 cm) on-center
Overall Length	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)
Overall Height	12 ft. (3.7 m)	12 ft. (3.7 m)	12 ft. (3.7 m)
Overall Width	Wheels retracted 11 ft. 6 in. (3.5 m); Wheels extended 14 ft. 7 in. (4.5 m)	Wheels retracted 11 ft. 6 in. (3.5 m); Wheels extended 14 ft. 7 in. (4.5 m)	Wheels retracted 11 ft. 6 in. (3.5 m); Wheels extended 14 ft. 7 in. (4.5 m)
Wheelbase	12 ft. 6 in. (3.8 m)	12 ft. 6 in. (3.8 m)	12 ft. 6 in. (3.8 m)
Tire Size	Available with 320/90 R46, 380/85 R46, 380/90 R46, 520/85 R38 and 650/65 R38	Available with 520/85 R38, 320/90 R46, 380/90 R46 and 650/65 R38	Available with 380/90 R46, 320/90 R46 and 650/65 R38
Ground Clearance	52 in. (132 cm)	52 in. (132 cm)	53 in. (135 cm) with full tank
Turning Radius	23 ft. 3 in. (7.1 m) from center line of rear axle	23 ft. 3 in. (7.1 m) from center line of rear axle	23 ft. 3 in. (7.1 m) from center line of rear axle
Boom Length	60/90 ft. (18.3/27.4 m) or 60/100 ft. (18.3/30.5 m) self-centering	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	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)	19-84 in. (48-213 cm)	19-84 in. (48-213 cm)
Full Boom Breakaway	30 degrees	30 degrees	30 degrees
Wingtip Breakaway	90 ft. - 5 ft. 6 in. (1.7 m)/100 ft. - 10 ft. 6 in. (3.2 m)	90 ft. - 5 ft. 6 in. (1.7 m)/100 ft. - 10 ft. 6 in. (3.2 m)/ 120 ft. - 9 ft. (2.7 m)	90 ft. - 5 ft. 6 in. (1.7 m)/100 ft. - 10 ft. 6 in. (3.2 m)/ 120 ft. - 9 ft. (2.7 m)
Suspension	4-wheel independent trailing-link with spring and shock standard; active suspension optional	4-wheel independent trailing-link with spring and shock standard; active suspension optional	4-wheel independent trailing-link with spring and shock standard; active suspension optional
Steering	Hydraulic power steering with master/slave rephasing cylinders	Hydraulic power steering with master/slave rephasing cylinders	Hydraulic power steering with master/slave rephasing cylinders
Fuel Tank	120 gal. (454 L)	120 gal. (454 L)	140 gal. (530 L)
Sprayer Control	Case IH SCS 5000, Case IH AFS Pro 600 or Case IH Viper Pro	Case IH SCS 5000 or Case IH Viper Pro	Case IH SCS 4600 or Case IH Viper Pro
Product Pump	Centrifugal-hydraulic motor driven by product control system	Centrifugal-hydraulic motor driven by product control system	Centrifugal-hydraulic motor driven by product control system
Foam Marker	55 gal. (208 L) high-volume foam marker system. Air supply taken from turbocharger.	55 gal. (208 L) high-volume foam marker system. Air supply taken from turbocharger standard, or engine-driven air compressor optional.	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)	112 gal. (424 L)	70 gal. (265 L)

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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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.