

Why Buy a Prowler?



GREATER RETURN ON INVESTMENT



COMPETITIVE ANALYSIS

		PROWLER	vs.	HYDROSTAT
Equipment Cost	dollars	\$460,000.00	◆	\$400,000.00
Road Speed	mph	45	◆	32
Dry Capacity	lbs	21,450	◆	16,445
Liquid Capacity	gal.	1,800	◆	1,600
Boom/Applicator Width	ft	90	◆	80
Fuel Consumption	gal./hr	6	◆	9
Efficiency	percent	32%	◆	22%
Net Acres	ac/day	419	◆	252
Application	days/yr	60	◆	99
Average Maintenance Cost	dollars/yr	\$3,000.00	◆	\$4,000.00
ROI	Year 1	23.48%	◆	23.00%
Potential Acres	Per Year	16,605	◆	0
Potential Income		\$160,605	◆	

OVERALL DESIGN

- Prowler has the Highest Return on Investment
- Replaces floaters enhances high clearance
- Four-season flexibility
- AWD, mechanical, & efficient
- Best visibility & comfort
- Light footprint for least compaction
- Advanced machine monitoring & diagnostics

VERSATILITY of a PROWLER

- ONE machine all year long
- 12-tons & 1800-gallons
- 30 min. changeover
- Pre & post emergence
- Light footprint
- Reduces soil compaction
- Reduced costs
- Fuel Consumption
- Depreciation
- Insurance

TIME SAVINGS with a PROWLER

- 45 mph road speeds
- Faster travel between fields
- More acreage per day
- Widest spreading pattern
- More acres in less time
- Fewer passes through a field
- Large capacity means fewer stops to fill up
- Fuel efficient: 50% fewer stops to fill up

- High road speeds
- Larger capacities
- Widest spread pattern
- Fewer fills
- Fewer trips through the field

Prowler earns more billable hours per day

		PROWLER	vs.	HYDROSTAT
CAPACITIES				
Application Speed		12 mph	◆	12 mph
Road Speed		45 mph	◆	32 mph
Capacity		21,450 lbs (65 lb/ft ³) 10.73 ton	◆	16,445 lbs (65 lb/ft ³) 8.22 ton
Boom/Application Width		90 ft	◆	80 ft
ROAD SPEEDS				
Acres/Year	25,000 ac/yr	419 net ac/day 350 fills yr	◆	252 net ac/day 456 fills yr
Road Travel	150 mi./day	3.3 hrs/day	◆	4.7hrs/day
Fill Time	15 min	5.9 fills/ ay 1.5 avg hrs/day	◆	4.6 fills/ ay 1.1 avg hrs/day

Application rate based on 300 lbs/ac

		DD SR1	vs.	NEW LEADER
Struck capacity		330 ft ³ / 11-tons	◆	200-300 ft ³
Belt		34 in. BOC	◆	30 in. BOC
Slope from belt		45°	◆	46°
Spread width		90-110 ft	◆	Up to 90 ft

PROWLER CHASSIS

Drivetrain	Type Drive	Mechanical, full time AWD	
	Shifting	Hydro Mechanical	
	Max. transport/road speed	45 mph (64 kph)	
	Speed ranges	3 forward ranges / 1 reverse range	
	Engine	Make and model	325 hp Cummins B6.7 or Cummins 9L 365 hp with 380 hp power bulge
		EPA emissions level	Stage V B6.7 or L9
		Peak rated power	325 hp or 380 hp
		Number of cylinders	6
		Displacement	409 in. ³ (6.7 L) or 543 in. ³ (8.9 L)
		Governed high idle speed	325 hp at 2200 rpm or 380 hp at 1900 rpm
Aspiration		Turbocharged	
Fuel tank capacity		150 U.S. gal. (567.8 L)	
Engine oil capacity		22 qt (20.8 L)	
Transmission	Fan	Reverse pitch Flexairre	
	Make & model	Dana HVT R2 with electronic control 4 x 4 Hydromechanical Variable Speed Transmission	
Chassis	Transmission oil capacity	13.2 U.S. gal. (50.0 L)	
	Frame construction	4 x 10 x 3/8 in. tubular	
	Length, wheelbase	26 ft (7.9 m); 173 in. (4.4 m)	
	Turning radius	4WS 15.5 ft (4.9 m) / 2WS 25 ft (7.6 m)	
	Primary brakes	Air operated wedge drum brake	
	Parking brakes	Spring applied air release	
	Liquid weight: empty/loaded	33,550 lb (15,218 kg) / 48,750 lb (22,112 kg)	
	Granular weight: empty/loaded	30,800 lb (13,970kg) / 52,900 lb (24,000 kg)	
	Suspension	Suspension type	Variable rate coil spring suspension with rear air leveling assist
Crop clearance, standard tires		27-36 in. (68.6-91 cm)	
Axles	Front axle, fi ed	36,000 lb capacity (16329 kg) / 1 Double Reduction planetary with air differential lock or Meritor 2WS: 34,500 lb capacity (15649 kg)	
	Rear axle, fi ed	39,000 lb capacity (17690 kg) / 1 Double Reduction planetary with air differential lock, or Meritor 2WS: 36,000 lb capacity (16329 kg)	
	Fixed axle track width	99 in. (90/108 in.) / 114 in. (108/120 in. or 112/117 in.)	
	Adjustable axle	32,000 lb capacity (14514 kg) / 1 Double Reduction planetary with air differential lock	
	Adjustable axle track widths	93-124 in. or 116-165 in.	
Dry System	Available systems, 13 ft	11.0 T Double Duty, Single or Twin Chain - SS1, SR1, TS2, TR2, TR4	
	Body material	304 SS	
	Capacity & Load height	330 ft ³ (9.3 m ³); 124 in. (315 cm)	
	Spread width	Fertilizer 90-105 ft (27.4-32 m), lime 90-120 ft (27.4-36.57 m)	
	Multi-product options	5 ft (3 ton, 95 ft ³ capacity) or 7 ft (3.5 ton, 133 ft ³ capacity), Fusion Insert, belt-over-chain or Twin Chain	
	Air Boom System	Available systems, 13 ft	Single or Dual Product
Body material		409 painted SS	
Capacity & Load height		350 ft ³ (9.92 m ³)	
Boom size		72 ft spread pattern for broadcast application	
Boom construction		304 SS, hydraulically folding breakaway boom tips with height adjustment from cab	
Nozzle spacing		72 ft boom with 27 in. spacing	

DOUBLE DUTY

Standard Warranty

- 1 yr/1,000 hr GVM bumper-to-bumper
- 1 yr/1,000 hr HVT transmission
- 2 yr/2,000 hr Cummins engine
- 3 yr/3,000 hr Premier Prowler Warranty
- Optional Extended Powertrain or Premier Prowler Warranty

Factory Installed Prowler Options

- Engine: 325 or 380 hp
- Fixed or adjustable axles
- Spreader Only Package
- Sprayer Only Package
- Combo Package
- Reverse pitch programmable fan
- Dual heated, electric mirrors
- LED work lights
- Tinted windows
- Ag Cam cameras
- Stainless steel cabinet & nozzle boxes
- Fenders
- Raven controllers, RS1™ GPS, boom function, and variable rate software
- Boom widths (see chart)
- Suspension fertilizer systems
- Stainless steel educator
- Raven chemical injection systems
- Spreader body and tarp (see chart)
- Dual product: 5 or 7 ft inserts
- Bin level sensors

*Weights vary based on machine configuration.



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PROWLER
 A PERFECT FIT, ANY SEASON

