

# HYDRA SPREAD

COMMERCIAL BUILT PICK-UP SPREADER



The GVM Hydra Spread was designed to offer versatility and maneuverability to custom applicators, co-ops, and farmers. GVM's Hydra Spread pairs a Ford F-550 chassis with our reliable and accurate Double Duty spreader body, provides a narrow, mechanical drive machine with a tight turning radius, comfortable road travel, and an unbeatable spread pattern.

The Hydra Spread easily navigates pastures, narrow gateways, and small farm roads. The Ford chassis allows the Hydra Spread to move quickly from one field to another without a trailer, making it an ideal applicator for smaller

areas, without compromising its ability to handle the workload of larger equipment.

The Double Duty spreader body makes the Hydra Spread the most accurate and reliable pick-up spreader in the industry, spreading from 90 to 105 feet at a less than 15 percent coefficient of variation with granular fertilizer. The Double Duty achieves wider widths due to its patented, spinner design, and its accuracy from the delivery assembly which forces material to fall onto the spinner disc with pinpoint precision.



## F-550 Hydra Spread

- XL Super Duty 4 x 4, 6.7L V8 Power Stroke Turbo Diesel Ford chassis
- 10-speed automatic transmission with live PTO
- Power Group & Snow Plow Package
- 3.5T Double Duty spreader body
  - Adjustable spread pattern, lime up to 60 ft & fertilizer up to 90-105 ft
  - 34 in. belt-over-chain conveyor, or 3# slat chain options
  - Patented, spinner design & combination funnel system



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# HYDRA SPREAD

		F-550
<b>Chassis</b>	Model	Ford F-550 XL Super Duty 4 x 4
	Power Group	Includes power door locks, keyless entry, power windows, theft alarm
	Snow Plow Package	Includes pre-selected springs and dual heavy-duty alternator
	Engine	6.7L, V8 Power Stroke® Turbo Diesel engine
	Peak rated power	300 hp @ 2,800 rpm, 660 ft-lb torque @ 1,600 rpm
	Transmission	10-speed automatic transmission with live PTO
		Auxiliary idle control
	Axle width	82 in. centers
	Axle	4.88 limited slip rear axle
		Stainless steel fenders and suspension bumper hitch
	Maximum GVW	19,500 lb GVW
Optional Lift Kit	6 in. lift kit, bumper extension, heavy duty radiator screen, carbon filters, live PTO hydraulic pump	
<b>Cab</b>	Controls	Joystick boom controls and fiberglass center console with hour meter Electronic pressure transducer with console pressure read out 2-100 gallon flow meter with Banjo quick flange
<b>Tires</b>	Standard tires	(6) 225/70R19.5 radial tires, standard
	Row crop tires	41 in. Goodyear 177 11R/22.5 12 ply radial, front and rear, optional
	Rear flotation tires	41 in. Goodyear 178 385/22.5 12 ply radial, rear flotation, optional
<b>Spreader Body</b>	Dimensions	9 ft x 78 in. wide
	Struck capacity	124 ft³ (3.5 m³)
	Construction	10 gauge, 304 stainless steel, includes 4-point attach locations
	Rear gates	Welded rear tailgate
<b>Conveyor</b>	Single Chain Size	#3, 34 in. slat chain, standard or #4, 34 in. belt-over-chain, optional
	Twin Chain Size	#3, (2) 16 in. conveyor, standard
	Belt sealer	#3 or #4 stainless steel rubber strips
	Chain oiler	Twin-line with clear sight gauge tubing
<b>Spinners</b>	Size and construction	24 in., 304 stainless steel
	Spread width	90-105 ft (27.4-32 m)
	Application rate	PWM controlled hydraulic system spreads down to 100 lb fertilizer/acre to 3 ton lime/acre over 6 mph
	Accuracy	180 count sensor, pairs with any field computer
	Spinner motors	Commercial, heavy-duty gear motors with double bearing output shafts, bottom mounted to ¼ in. 304 stainless steel spinner nest assembly
	Spinner speed	Computer controlled hydraulic PWM valve
	Single chain belt control	6:1 simplex gearbox with Danfoss motor
	Twin chain belt control	
Hillside divider	Quick change, 304 stainless steel, uniquely designed for lime and fertilizer	
<b>Hydraulic System</b>	Capacity	18 U.S. gal. (68 L) system with pressure relief valve
	Reservoir	25 U.S. gal. (94.6 L)
	Cooler	12V
<b>Precision Tools</b>		Raven RCM ISO Control Standard

## Features

- Toughest design in the spreading industry
- Unique control system controls the conveyor to ground speed, regardless of varying terrain
- Automated spinner speeds within 3% provide a constant spread pattern
- Variable rate application capabilities with any field controller (controller not included)
- DOT light kit
- Stainless steel bi-fold ladder & 108 in. wide floater fenders

## Options

- Raven or Ag Leader controller and GPS
- Bin level sensor
- Brand of PWM control with gear tooth sensor and CAN node
- Shur-Lok Fusion Cable-Lok roll tarp with stainless steel bows
- Chassis undercoating for fertilizer protection

