



GREGSON-CLARK Spraying Equipment

A Division of Rhett M. Clark, Inc.



Photo courtesy of Jim Novak, Turfgrass Producers International

CATALOG 2010

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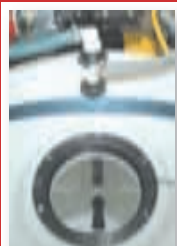
gregsonclark.com



V-SERIES SKID SPRAYERS



Balanced space-saving design leaves plenty of available room for other materials or equipment.



Top mounted tank fittings reduce leak potential.



Two position reel mount allows the same sprayer to be used in a pickup truck or van.



Modular add-on tank assemblies are an easy and inexpensive way to provide increased capacity and or separate solutions.



A 6-gauge heavy duty wiring assembly with a quick disconnect and circuit breaker comes standard with all electric reels.



Compost Tea Compatible



- Controls are located for easy operation and maintenance.
- Powdercoat finish on frame

ACCESSORIES (See page 9)



Roller guide



Air gap fill line



Modular add-on tank assemblies



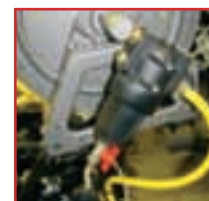
Utility vehicle boom kit



Eco-505 Injection System



Strainer bag

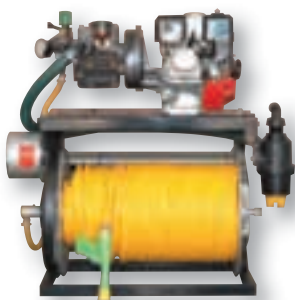


High pressure strainer



Reese hitch de-icing boom

MODULAR SYSTEMS

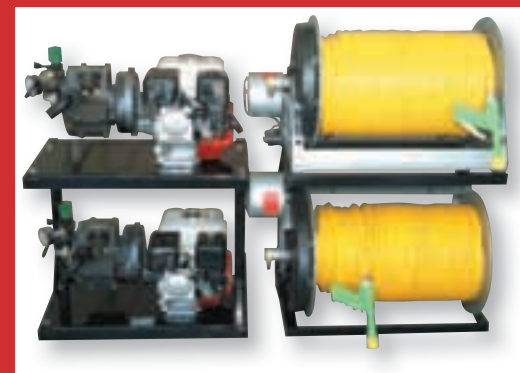


MODULAR SYSTEM DIMENSIONS

Pump/engine and reel
W-37.5" x D-20.5" x H-36.5"



Pump/engine and hose reel can be positioned for curbside access and the tanks can be positioned for ease of filling and ideal weight distribution.



Compact Modular Frame can accommodate a hose reel or pump/engine on the top or bottom.



Two tank systems are plumbed with 3-way ball valves. Systems with three or more tanks require a manifold system.

MODULAR TANK ASSEMBLY DIMENSIONS

	Length (inches)	Width (inches)	Height (inches)
35 Gallon	35.5	18	21
50 Gallon	38.5	21	23
100 Gallon	38.5	32	29
150 Gallon	48.5	39	29
200 Gallon	48.5	39	38
300 Gallon	69.5	39	40

MODEL V-50 ST



Compact, lightweight and inexpensive, the V-50 ST is ideal for pest control, weed spraying or as a dedicated unit for special services. With a base width of 38.5" the V-50 fits well in compact pickup trucks.

Frame	Welded steel, powdercoat finish, gloss black
Tank	50 gallon polyethylene PCO style, jet agitation, 8" lid
Strainer	Arag 1-1/2" suction strainer with built in shut off valve, 16 mesh
Engine	Honda GX 120 4.0 HP, pull start with oil alert
Pump	Udor Kappa 25 GR diaphragm pump (7.0 gpm, 350 psi)
Reel	Hannay model 1020-14-16, manual rewind
Hose	200 feet 3/8" ID psi PVC hose
Gun	Green Garde GES spray gun
Dimensions	See page 15

MODEL V-100 ST



With a base width of 38.5" the V-100 ST fits well in medium and full size pickup trucks. By mounting the hose reel under the pump/engine, the V-100 ST works well in vans with side-door access to all controls.

Frame	Welded steel, powdercoat finish, gloss black
Tank	100 gallon polyethylene PCO style, jet agitation, 8" lid
Strainer	Arag 1-1/2" suction strainer with built in shut off valve, 16 mesh
Engine	Honda GX 160 5.5 HP, pull start with oil alert
Pump	Udor Kappa 43 GR diaphragm pump (12.5 gpm, 560 psi)
Reel	Hannay model E-1530-17-18, 12-volt rewind
Hose	300 feet 1/2" ID psi PVC hose
Gun	Lesco/Chemlawn gun with nozzle
Dimensions	See page 15

MODEL V-200 ST



Our most popular sprayer, the V-200 ST fits well in full size pickup trucks leaving plenty of space remaining for other equipment or materials

Frame	Welded steel, powdercoat finish, gloss black
Tank	200 gallon polyethylene PCO style, jet agitation, 12" lid
Strainer	Arag 1-1/2" suction strainer with built in shut off valve, 16 mesh
Engine	Honda GX 160 5.5 HP, pull start with oil alert
Pump	Udor Kappa 43 GR diaphragm pump (12.5 gpm, 560 psi)
Reel	Hannay model E-1530-17-18, 12-volt rewind
Hose	300 feet 1/2" ID psi PVC hose
Gun	Lesco/Chemlawn gun with nozzle
Dimensions	See page 15

MODEL V-300 ST



The V-300 ST can accommodate two hose reels. The tank is baffled and features a 16" lid. The 14 gpm pump ensures plenty of agitation.

Frame	Welded steel, powdercoat finish, gloss black
Tank	300 gallon polyethylene PCO style w/baffle, jet agitation, 16" Lid
Strainer	Arag 1-1/2" suction strainer with built in shut off valve, 16 mesh
Engine	Honda GX 160 6.5 HP, pull start with oil alert
Pump	Udor Kappa 55 GR diaphragm pump (14.0 gpm, 560 psi)
Reel	Hannay model E-1530-17-18, 12-volt rewind
Hose	300 feet 1/2" ID psi PVC hose
Gun	Lesco/Chemlawn gun with nozzle
Dimensions	See page 15

TANKS



LAWN & GARDEN

Capacity	Length	Width	Height
14 gallon	31"	14"	14"
25 gallon	34"	18"	18"



PCO

Capacity	Length	Width	Height
35 gallon	35"	16"	21"
50 gallon	38"	19"	23"
100 gallon	38"	30"	29"
150 gallon	48"	37"	29"
200 gallon	48"	37"	38"
300 gallon	69"	37"	40"



LEG

Capacity	Length	Width	Height
535 gallon	78"	48" diameter	48" diameter
735 gallon	103"	48" diameter	48" diameter
1035 gallon	90"	78"	52"



LOW PROFILE

Capacity	Length	Width	Height
205 gallon	52"	52"	26"
305 gallon	58"	60"	30"



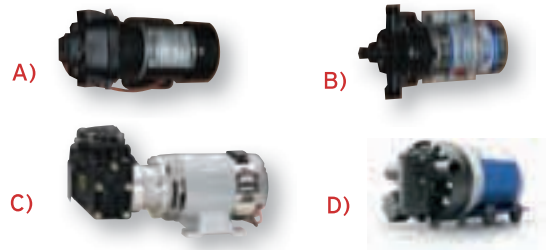
STORAGE

Capacity Height	Diameter	
1050 gallon	85"	54"
1500 gallon	85"	69"
2500 gallon	90"	103"
3000 gallon	90"	120"

WE DESIGN AND
BUILD CUSTOM
FILL STATIONS

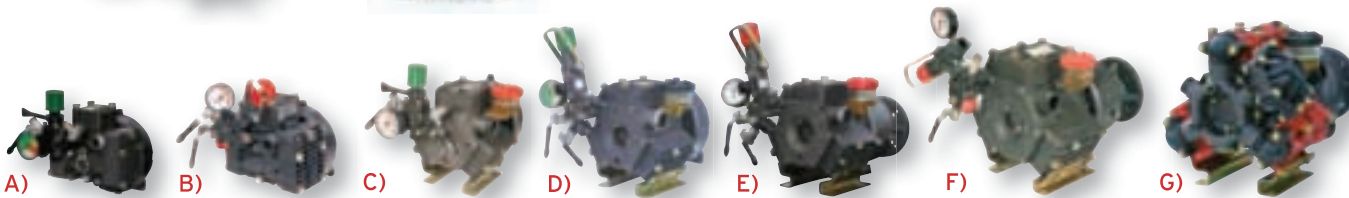


V-SERIES AND MODULAR SYSTEM PUMP OPTIONS



12-VOLT DIAPHRAGM PUMPS

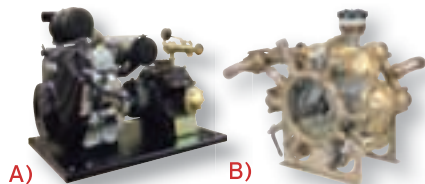
		Volume Max.	Pressure Max.
A	Shurflo 2088-343-500	3.3 gpm	45 psi
B	Flojet 4100-143	5.0 gpm	45 psi
C	Udor Kappa 18/12-Volt	4.2 gpm	70 psi
D	Delavan Fat Boy	7.0 gpm	50 psi



A)

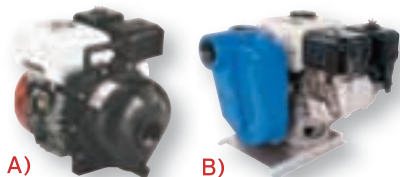
GAS ENGINE POWERED DIAPHRAGM PUMPS (DIRECT COUPLED)

	Pump	Engine	Volume Max.	Pressure Max.
A	Udor Kappa-25/GR	Honda 4.0 HP	7.0 gpm	300 psi
B	Udor Kappa-40/GR	Honda 5.5 HP	10.5 gpm	560 psi
C	Udor Kappa-43/GR	Honda 5.5 HP	12.5 gpm	560 psi
D	Udor Kappa-55/GR-5	Honda 6.5 HP	14 gpm	350 psi
E	Udor Kappa-55/GR-8	Honda 9.0 HP electric start	14 gpm	560 psi
F	Udor Kappa-75/GR	Honda 13.0 HP electric start	19 gpm	560 psi
G	Udor RO-110/GR	Honda 9.0 HP electric start	29 gpm	300 psi



TRUCK MOUNT HIGH VOLUME TREE SPRAY PUMPS

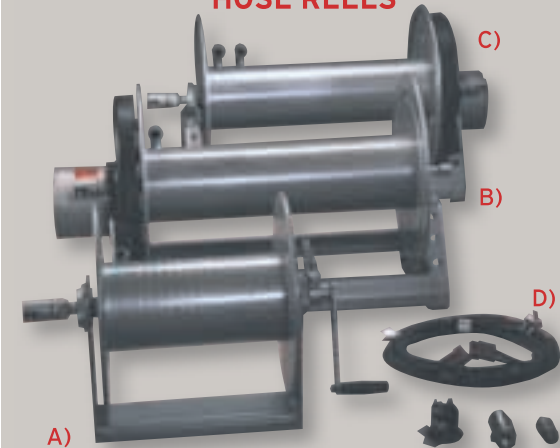
	Pump	Engine	Volume Max.	Pressure Max.
A	Udor Kappa-150/GR	Honda or Briggs & Stratton Vanguard 31 HP	42 gpm	700 psi
B	Udor Beta 240 (Belt Drive)	Call for options	64 gpm	700 psi



CENTRIFUGAL PUMPS

	Pump	Engine	Volume Max.	Pressure Max.
A	Banjo 2" Polypro	Honda 5.5 HP	160 gpm open flow	50
B	Hypro 1551-SP 2" cast iron, self priming	Honda 9.0 HP electric start	155 gpm open flow	135

HOSE REELS



A

Model	1020-14-16
Hose capacity	175 feet, 3/8" ID
Rewind	Manual
Inlet	1/2" FNPT
Outlet	3/8" FNPT

B

Model	E1530-17-18
Hose capacity	400 feet, 1/2" ID
Rewind	12-volt electric
Inlet	1/2" FNPT
Outlet	1/2" FNPT

C

Model	E2030-17-18
Hose capacity	400 feet, 1/2" coaxial 300 feet, 3/8" x 1/4" twin-line
Rewind	12-volt electric
Inlet	(2) 1/2" FNPT
Outlet	(2) 1/2" FNPT

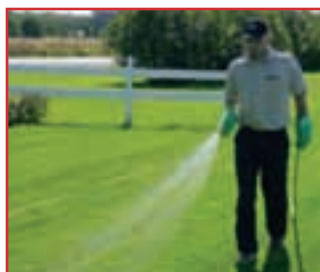
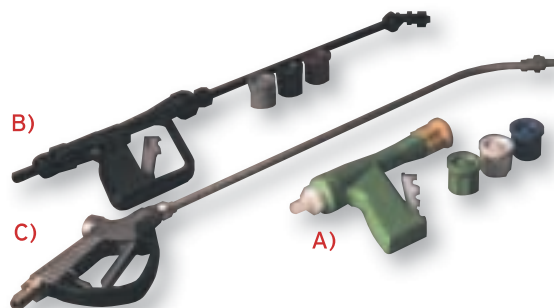
D

A 6-gauge heavy duty wiring assembly with a quick disconnect and circuit breaker comes standard with all sprayers with electric reels.

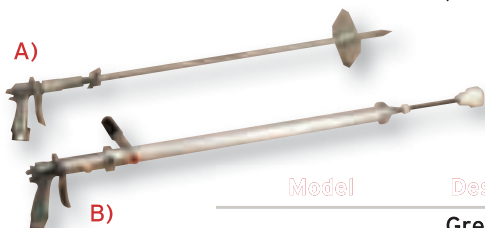
In addition to hose reels shown, many other models are available to accommodate any need.

SPRAY GUNS | HOSE

LAWN SPRAY GUNS



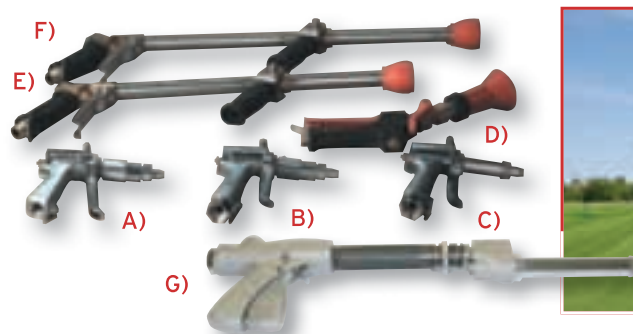
	Model	Description
A	007433	Lesco/Chemlawn gun
B	25660	TeeJet lawn gun
C	23.208.84-24	Plated aluminum trigger valve with brass extension wand (Ideal for Compost Tea application)



ROOT FEEDERS

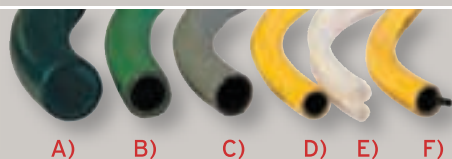
	Model	Description	Features
A	38919	Green Garde standard rootfeeder	Green rootfeeders must be used with JD9-C (38500) only
B	39920	HD-8 rootfeeder with cup shield	Cup shield ideal for landscape bed fertilizer drenching

TREE SPRAY GUNS



	Model	Description	Features
A	38505	Green Garde GES	Less expensive version of JD9-C. Not for use with rootfeeders
B	38500	Green Garde JD9-C	Rugged heavy duty gun compatible with rootfeeders
C	38507	Green Garde JD9-PT	Trigger adjusts spray pattern
D	26.901.162	Udor Turbo Gun	Pattern adjusted by thumb lever allowing for one handed operation
E	7.901.103	Udor Turbine Gun 17" barrel	Forward handle adjusts spray pattern.
F	13.901.151	Udor Tall Tree Gun 21" barrel	Many size tips available.
G	FMC 785	FMC Bean 785 Tree Gun	Ideal for high-volume tall tree spraying

HOSE TYPES



	Type	Description	Sizes ID	Pressure Rating	Coil Length	Uses
A	K-series suction hose	Clear PVC with green spiral helix	3/4", 1", 1.25", 1.5", 2", 3"	65 psi pressure 28" Hg vacuum	100	Suction lines on sprayers, low pressure fill/transfer hose
B	A-1687 series Ribbed Cover	Green PVC	1/2", 5/8", 3/4"	800 psi	300, 400 feet	tree spraying
C	A1628 series	Grey PVC with PVC/polyUrethane tube	3/8", 1/2", 3/4", 1"	200 psi	100-300 feet	Sprayer bypass lines, Low pressure spraying and watering
D	A-1661 series ribbed cover	Yellow PVC/PU	3/8", 1/2", 3/4", 1"	600 psi	300, 400 feet	Lawn spraying
E	A-9350 series reinforced dual-line	Polyethylene	1/4" x 3/8", 1/4" x 1/2"	250 psi	300, 400 feet	On-demand injection lawn spraying
F	Coaxial	Yellow PVC 1/2" ID hose with 3/16" OD tubing inserted	1/2" ID hose 3/16" OD tubing	200 psi	300, 400 feet	On-demand injection lawn spraying

ACCESSORIES | ECO-505 INJECTION SYSTEM

ACCESSORIES



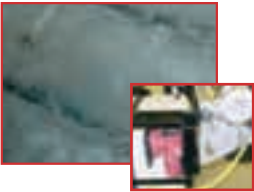
REESE HITCH STYLE BOOM KIT

Commonly used in pickup trucks for ice control applications and large area boom spraying these kits can be installed in minutes. In the cab switch console controls 12-volt solenoid valves. Many sizes are available. 10, 15, 20 and 27 feet.



UTILITY VEHICLE BOOM KIT

Commonly used on utility vehicles for large area turf spraying, these kits are fully adjustable and feature a manual boom selector valve. Many sizes are available.



COMPOST TEA COMPONENTS

Air pumps and diffusers can be easily added for maximum viability of Compost Tea.



HOSE REEL ROLLER GUIDE

Protects truck when pulling hose off at sharp angles.



HIGH PRESSURE STRAINER

Easily mounted on the hose reel swivel, this strainer is easily flushed and virtually eliminates clogged gun nozzles. Eliminate forever the need to constantly remove and clean lawn gun nozzles.



MODULAR ADD-ON TANKS

An inexpensive and efficient way to provide for increased capacity and or separate solutions. All hoses and valves are included and the tank can be easily removed when not needed.



AIR GAP FILL LINE

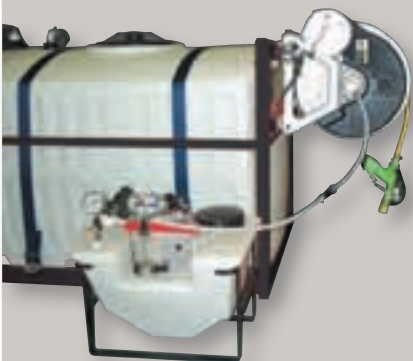
Prevents accidental back flow contamination when filling tank.



STRAINER BAG

Ideal for dissolving Urea (holds up to 50 lbs.) or simply to keep contaminants out. 35 inch bag available to fit 8, 10, 12 and 16 inch lids.

ECO-505 INJECTION SYSTEM



IPM APPROACH

The Eco-505 allows the operator to blanket apply fertilizer and spot-spray a pesticide on-demand simply by pulling a second trigger on the gun.

PESTICIDE SAVINGS

How often do you blanket apply a pesticide to control a problem that exists in only a portion of the lawn? The Eco-505 lets you reduce pesticide cost by 50% or more.

REDUCED CALLBACKS

When the only effort required to treat a problem area of a lawn is to pull a second trigger it gets done. No more going back to the truck for a hand sprayer.

DUAL TRIGGER GUN

The Eco-505 features a Dual Trigger Gun that is lightweight, durable and easy to use. The pesticide is mixed into the flow of fertilizer instantaneously at the gun.



CHOICE OF HOSES

Our unique coaxial hose features a tube within a hose. Side-by-side hose is also available.

EASY TO INSTALL

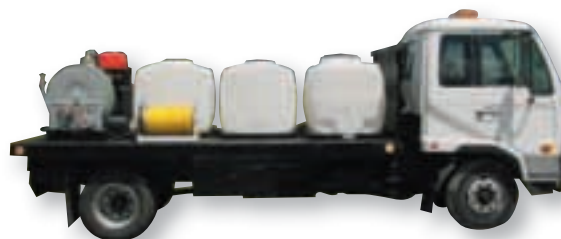
The Eco-505 includes everything needed to convert your existing sprayer to a dual line injection spray unit.

CUSTOM SPRAY UNITS



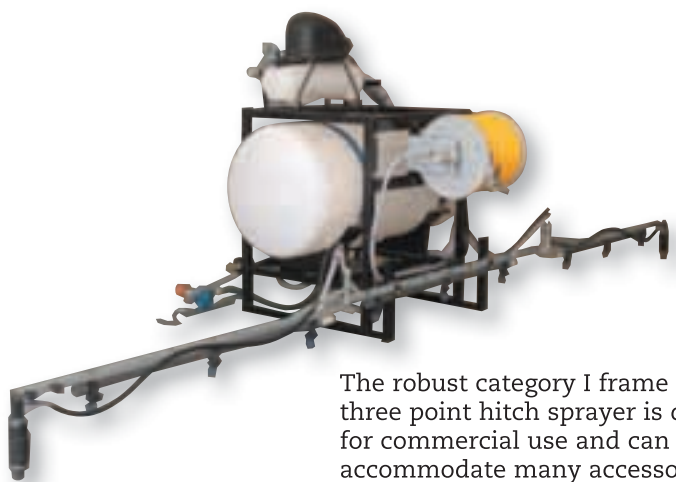
CUSTOM BUILT SPRAY UNITS

We specialize in designing and building custom spray trucks for all types of applications. Our approach is not one size fits all. We will work closely with you to determine your specific needs to ensure that we provide you with the best possible solution for your requirements.



THREE POINT HITCH SPRAYERS | HYDRO SEEDING SYSTEMS

THREE POINT HITCH SPRAYERS



The robust category I frame of our three point hitch sprayer is designed for commercial use and can accommodate many accessories including a hose reel and foam marker.



	Standard	Optional
Tank	85 gallon	55 gallon
Pump	Hypro 6500C roller pump (9 gpm, 200 psi) PTO drive	Udor Kappa 55 diaphragm pump (14 gpm, 560 psi) PTO drive
Boom	15 Foot Manual Fold 3-Section wet boom galvanized with spring break-away	10, 20, 27 foot
Controls	Spraying systems 17H manual boom selector valve	12-volt solenoid valves with switch console
Nozzles	Turbo TeeJet TT110-04	Many sizes and styles available

HYDRO SEEDING SYSTEMS



Skid type model GCH-300



Pull type

- FEATURES**
- Built in fork pockets
 - Hinged mulch screen
 - Drain line with valve
 - Pull type frame available with high flotation tires

Tank	300 gallon poly elliptical with sump
Engine	Honda 13.0 HP with electric start
Pump	Heavy duty Banjo cast iron 3" centrifugal
Agitation	Cross flow dual jet agitation
Hose	100 feet 1.25" heavy wall clearbraid
Gun	1" valve with narrow and wide quick change nozzles

SPREADER-MATE™



SPECIFICATIONS

FEATURES

Tank	Overall dimensions: W: 20-1/2" x D: 17-3/8" H: 15-7/8" 9 Gallon Polyethylene Tank, 5" Diameter lid, Brass threaded inserts for pump and battery mounting, bottom sump	The specially designed tank fits in most commercial spreaders including Lesco™, Spyker™, Earthway™, and Scotts™. Call to confirm your specific model. All fittings enter the tank through the top reducing leak potential.
Pump	12-volt diaphragm 3.0 gpm, 40 psi 6 amp draw @ 20 psi	Quiet and dependable. Other 12-volt pumps are available upon request.
Pressure Adjustment	Adjustable 0-60 psi regulator with pressure gauge	Easy to read gauge ensures accurate application.
Agitation	Pump Recirculation	Excess flow returns to the tank for agitation.
Battery	12-volt, sealed, maintenance free type. 90 minute continuous run time (3 to 4 acres) between battery charges.	Spare batteries as well as larger capacity batteries are available. Batteries can be easily recharged between jobs with a 12-volt automotive charger or from the truck charging system.
Boom	Physical width - 62" Folded width - 24" Effective spray width - 80" Nozzle spacing - 20" 3-section spring breakaway and retract.	Black powder-coated finish. On most spreader models, the boom can be attached in seconds. The boomless, single-nozzle option provides up to 80" of spray width.
Nozzles	Dripless nozzle bodies with 1/4 turn caps 50 mesh stainless nozzle screen Shut-off caps provide individual nozzle selection.	Standard nozzles are Spraying Systems Turbo TeeJet Air Induction TT1-11002 nozzles, minimizing drift at very low application rates. (0.29 gallons per 1000 sq. ft. at 30 psi, and 4 mph) Other nozzles are available.
Spray Wand	Lightweight poly trigger valve with 15" wand and spray tip.	With an 8 foot, self-retracting hose, the hand spray wand is ideal for spot spraying turf and ornamentals.
Control	Handlebar mounted on/off toggle switch	Handlebar mounted thumb switch provides simple and easy control.
Storage	Truck mounted, quick-attach bracket available. See next page.	When using your spreader for dry applications the Spreader-Mate stores quickly and easily with our optional storage bracket.
Weights	<div> <div>Tank assembly</div> <div>Battery</div> <div>Boom assembly</div> <div>Total empty weight</div> <div>Total full weight</div> </div> <div> <div>8 lbs.</div> <div>12lbs.</div> <div>9 lbs.</div> <div>26 lbs.</div> <div>99 lbs.</div> </div>	Boomless Style: N/A 20 lbs. 93 lbs.
Warranty	One-year parts replacement warranty against defects in materials and workmanship. Pump elastomers and battery, which are considered normal wear components, carry a 90-day parts replacement warranty.	



The specially molded, 9-gallon, polyethylene tank fits neatly into most commercial spreaders including Lesco™, Earthway™, and Spyker™. The pump, battery, filter, regulator, and valves are all mounted on the tank, making it a self-contained assembly. To install the unit, you need only to “drop” the tank unit in the spreader, mount the quick-attach boom, and hook up the hose to the boom.



SPREADER-MATE ACCESSORIES



Truck mounted battery charger



Truck mounted storage bracket



Accumate 12-volt battery charger

ICE CONTROL SPRAYERS

Gregson-Clark pre-wetting systems are available with either tailgate mount or hopper side-mount tanks. Both systems feature a weatherproof pump enclosure with a pressure regulator and stainless steel pressure gauge.

The in-cab pump console has indicator lights for “pump-on” and low pressure.



Receiver hitch booms are available with pencil stream de-icing nozzles or wide angle nozzles for anti-icing, dust control and soil stabilization.

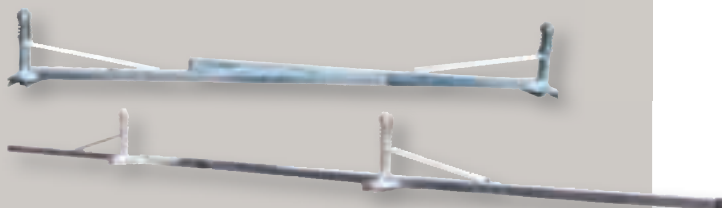


PARTS AND ACCESSORIES

55/80 GALLON NURSE TANK FILL SYSTEM



- Ideal for filling self-propelled and backpack sprayers.
- Takes up very little space.
- Base dimensions
55-gallon 18" x 18"
80-gallon 18" x 27"
- Features 12-volt 5 gpm pump with demand pressure switch and bypass agitation line
- Many other tank sizes available.w



BARE BOOM

- Galvanized steel construction
- Spring break-away
- Many sizes 10, 15, 20 and 27 feet
- Also available with power folding



BOOM COMPONENTS

We maintain a large inventory of TeeJet nozzles and boom components.

FOAM MARKER

- Eliminates skips and overlaps
- Provides a clear temporary indicator of your last pass



WE ARE PROUD TO REPRESENT THE FULL LINE OF PRODUCTS FROM THESE FINE MANUFACTURERS

Ace Pumps	Centrifugal pumps
Ace Rotomold	Polyethylene tanks
Banjo Corp.	Centrifugal pumps, camlock fittings, valves
Delavan Pumps and Ag Spray Products	Pumps, nozzles
Fairview Fittings	Brass fittings
Flojet Pumps	Electric diaphragm pumps
Green Leaf Fittings	Nylon fittings
Hannay Reels	Hose reels
HD Hudson/Green Garde	Spray guns, rootfeeders, flowmeters, hose
Honda Engines	Gasoline engines
Hypco	Pumps, fittings, nozzles, accessories
Kuriyama	Hose
Lechler	Sprayer components
Raven Industries Inc.	Precision application electronics
Salvarani	Foam markers, booms, accessories
Shurflo Pumps	Electric diaphragm pumps
TeeJet Technologies Spraying Systems	Nozzles, boom components, electronics
Udor USA	Diaphragm pumps
Valley Industries	Gauges, fittings
Wilger	Flowmeters

VALVES/FITTINGS



PUMP KITS



RAVEN ELECTRONICS



REPLACEMENT HOSE



FREQUENTLY ASKED QUESTIONS

WHICH MODELS WILL FIT IN MY TRUCK?

Be sure to check your truck's capacity and refer to the weights and dimensions below. If you call our office, we'll be happy to help you determine the best model for your needs.

MODEL	Base Dimensions		Overall Dimensions Pickup Style			Overall Dimensions Van Style			Empty Weight (lbs.)	Full Weight Water (lbs.)
	Width (A)	Depth (B)	Width (C)	Depth (D)	Height (E)	Width (F)	Depth (G)	Height (H)		
V-50 ST	38.5"	22"	71.5"	30.5"	37"	54.5"	30.5"	37"	255	672
V-100 ST	38.5"	32"	75.5"	36.5"	41"	58"	36.5"	41"	370	1203
V-150 ST	48.5"	38"	85.5"	43"	41"	68"	54.75"	41"	385	1635
V-200 ST	48.5"	38"	85.5"	43"	41"	68"	54.75"	41"	390	2056
V-300 ST*	41"	69"	77"	74"	41"	60.5"	74"	41"	540	3039

Note: Clearance under engine plate is 20". Some pickups (Ford F-150) may require extended posts.

*V-300 ST tank orientation is front-to-back in truck bed versus side-to-side on all other models. See page 5.

DO YOU HAVE DEALERS? We do have dealers in some parts of the country however the majority of our sales are direct. You can call our office to determine the best way for you to purchase.

HOW IS YOUR EQUIPMENT SHIPPED? Parts and smaller accessories ship by UPS. Larger units are crated and shipped by common carrier.



WHAT IF I DO NOT HAVE A FORKLIFT OR LOADING DOCK?

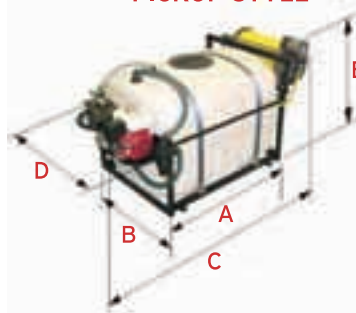
You can pick up at the freight companies' local terminal. You can have your sprayer shipped to a nearby business that can unload it for you or, you can also have your sprayer delivered on a lift-gate truck for an extra charge.

HOW DO I KNOW WHEN THE TRUCK WILL ARRIVE? Once your sprayer ships, we will contact you with the tracking information and the contact information for your local delivering terminal. Your local dispatcher can tell exactly you when you should expect the truck to arrive.

WHAT ABOUT SERVICE? Because our only business is spraying equipment for the green industry you can rest assured that when you call us you will immediately be helped by someone that knows your equipment and cares about getting you up and running. As manufacturers we stock a complete inventory of replacement parts.

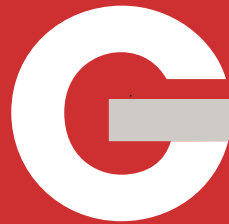
WHAT IS THE WARRANTY? That's the best news of all. Our V-Series skid sprayers and Modular Systems carry an industry exclusive 2-Year Warranty against defects in materials and workmanship. This excludes pump diaphragms which are considered normal wear items.

PICKUP STYLE



VAN STYLE





GREGSON-CLARK
Spraying Equipment

A Division of Rhett M. Clark, Inc.

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