

Agricultural Spray Equipment



“Always on Target”

2017 Product Catalog

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Introduction

ABOUT BOWMAN MANUFACTURING CO., INC.

Bowman Manufacturing has been a leader in the agricultural spray equipment industry since 1973. Our product line includes self-propelled, tractor, and ATV mounted sprayers and rope wick applicators, designed by farmers, for farmers. Our goal is to build “quality proven” products by field testing all designs on our own farming operation. Our 35,000 square foot production facility is located adjacent to the Bowman Family farm near Newport, Arkansas.

BOWMAN MANUFACTURING CO., INC. LIMITED WARRANTY

Bowman Manufacturing Co, Inc. (“BMC”) warrants all products to be free from defects in material and workmanship for a period of 1 year from the date of delivery of the product to the original retail purchaser. BMC shall repair or replace, at its discretion, free of charge, any part that shows evidence of such defect.

It is the owner’s responsibility to return all products in question to BMC, freight prepaid, or to deliver the product to a place designated by BMC for warranty evaluation.

Under no circumstances will this warranty cover any item or component thereof which, in the opinion of BMC, has been subjected to misuse, unauthorized modification, neglect, improper maintenance, accident, or substitution of parts other than those obtainable through BMC, nor will it cover normal wear associated with use of the item.

BMC shall have no obligation or liability of any kind for consequential injury or damages to person or property. This warranty does not extend to the loss of crops, loss because of work delay, or any expense or loss incurred for labor, substitute machinery, rental, or for any other reason. BMC MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND BMC SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

No one is authorized to alter, modify or enlarge this warranty nor the exclusions, limitations or reservations.

CHANGES AND IMPROVEMENTS

Bowman Manufacturing reserves the right to make changes or add improvements at any time without incurring any obligation to make such changes on products sold previously. Specifications are subject to change without notice.

FREIGHT AND RETURNS

All sales are FOB Bowman Manufacturing, Newport, Arkansas. Returns must have prior approval, must be shipped freight prepaid, and are subject to a 15% restocking and reconditioning charge.

TRADEMARKS

WickMaster is a registered trademark and AgMate, EagleWing, MudMaster, Rope-A-Dope, RiceMate, StreamLine, and WeedWand are trademarks of Bowman Manufacturing Company.

Centerline, ConeJet, FlowJet, GunJet, QuickTeeJet, TeeJet, TriggerJet, Turbo TeeJet, VeeJet, and XR TeeJet are registered trademarks of Spraying Systems Company.

Roundup is a registered trademark of Monsanto Company.

MudMaster™ 4WD Multi-Purpose Sprayer



When The Going Gets Tough. . . The MudMaster Gets Going!

Features

- **Diesel Engine.** Liquid cooled, high torque, 4-cylinder diesel engine produces 47 HP and is weight conscious for maximum machine performance.
- **Hydrostatic Transmission.** Features two high efficiency hydraulic pumps powering the front and rear wheels independently. Each wheel has its own heavy-duty, high torque hydraulic motor providing full time 4WD to handle the toughest field conditions.
- **Hydraulic Oil Cooler.** Quiet, electric fan oil cooler prevents hydraulic fluid from overheating. The oil cooler and engine radiator fans both push air flow away from the operator to ensure a safe working environment.
- **Heavy-Duty Frame and Center Hinge.** The frame is designed to handle torsional stress and heavy loads. The center hinge articulates for steering, oscillates to keep all four wheels on the ground at all times, and features bronze bushings for durability.
- **Low Maintenance.** With no chains, belts, or gears, routine servicing only requires daily greasing of two pivot fittings and periodic oil and filter changes.
- **Minimal Crop Damage.** Tall, narrow tires provide plenty of ground clearance and are adjustable in width to match your row crop spacing.
- **Durable and Reliable Chemical Pump.** Hydraulically powered centrifugal pump provides plenty of volume and pressure.
- **Quick Fill-Up.** Simply plug the chemical supply hose from the optional transport/nurse trailer into the sprayer's inlet for quick and easy refills.
- **Spray Manifold.** Three quick connect receptacles offer easy hookup of spray hoses and allow selection of left, right, center, or any combination of sections on the optional broadcast boom.
- **Spray Gun.** Convenient for spot spraying weeds in hard to reach areas.
- **Thoughtful Control Layout.** All controls, monitors, and gauges are conveniently placed within easy reach of the operator to keep you on top of things at all times. The offset steering wheel allows easy mounting and dismounting while improving visibility and spray gun use.
- **Suspension Seat.** Adjustable, mechanical spring suspension with fore and aft seat adjuster helps to ensure all-day operator comfort.
- **Quick-Lock Transport Clevises.** Minimizes tie-down when used in conjunction with the optional transport/nurse trailer.
- **Dual Hydraulic Remotes.** Allows operation of two hydraulic circuits. Additional remotes available (see pg. 5).

Note: MudMaster pictured here with optional automatic spray controller.

- **Instrumentation.** Tachometer, hourmeter, engine oil pressure and coolant temperature warning light, spray pressure gauge, fuel level gauge, hydraulic fluid level gauge.
- **Transmission.** Dual hydraulic pumps; 0 to 9 MPH infinitely variable speed, forward and reverse, with neutral position; hand lever control; four hydraulic wheel motors, full time 4WD.
- **Spray System.** Hydraulic centrifugal pump, 45 GPM @ 35 PSI; hand trigger type spray gun.
- **Tires.** 8.3 x 24, 8 ply.
- **Wheel Base.** 91 in.
- **Overall length.** 152 in.
- **Width.** 93 in outside of frame.
- **Height.** 106 in. to top of canopy.
- **Ground Clearance.** 46 in.
- **Wheel Spacing.** Adjustable from 73 to 98 in.; 73 to 89 in. when equipped with standard hydraulic lift.
- **Turning Radius.** 8 ft. 6 in. to center of machine.
- **Weight.** Approx. 3,400 lbs. with operating fluids, without chemical.
- **Fuel Tank.** 15 gallon, aluminized steel, with gauge.
- **Hydraulic Fluid Tank.** 15 gallon, aluminized steel, with gauge.
- **Spray Tank.** 110 gallon, polyethylene, with plumbing for quick fill-up. Vented to prevent pressure build-up.
- **Warranty.** 1-year limited warranty from Bowman Manufacturing plus extended limited warranty from engine manufacturer.

Note: Base MudMaster does not include a speed monitoring device. See page 13 for ground speed options.



WARNING - Serious injury or death may occur when proper safety and common sense are not observed.

The MudMaster was designed to operate on flat ground. Extreme caution should be used when operating on slopes or inclines to prevent overturn. Bowman Manufacturing offers a specially designed trailer to transport the MudMaster and does not recommend the use of any other trailer for such purpose. Wheel spacing should be maintained at the widest acceptable setting in order to decrease the risk of overturn. Safety belts are standard equipment and should be worn at all times. Maintain all warning decals, reflective tape, and slow moving vehicle (SMV) signs. Do not operate under the influence of alcohol or drugs. Do not allow underage drivers to operate this equipment.

Item No.	Description	Wt. lb.	Retail US \$
MM2017	Base machine	3,400	45,500.00

MudMaster™ Transport/Nurse Trailer



Easy-To-Load Trailer . . . Plus A Nurse System To Quick Fill Your MudMaster™

Features/Specifications

- **Quick Lock Down.** Drive the MudMaster onto the trailer, drop two hitch pins through the Quick-Lock clevises, push retainer clips through hitch pins and you're ready to go.
- **Tandem Axles.** Two 3,500 lb. heavy duty axles with electric brakes (rear axle only) assure smooth ride and strong suspension.
- **Low Profile Design.** Low profile ramps assure trailer stability and safety. Removable ramp sections allow clear access to wheels.
- **Strong Bumper Hitch.** Heavy duty trailer tongue with safety chains attaches securely to a 2" ball.
- **Tongue Jack.** Crank the trailer tongue up and down for easy hookup. Jack swivels for travel.
- **Electrical System.** 6-circuit electrical plug for lighting and brakes (brake controller not included).
- **Nurse System.** 200 gallon low profile elliptical tank, 3.5 hp gasoline engine with self-priming centrifugal pump, and filler hose with quick coupler. Large line strainer keeps trash from entering transfer pump and MudMaster spray tank. Includes 15 gallon mix/fill tank and flush system.
- **MudMaster Wheel Spacing.** Standard trailer accommodates MudMaster wheel spacing of 82" to 88", center to center. Optional spacing of 75" to 81" available.



Safety First

Red and white reflective tape increases nighttime visibility. Safety chains on bumper hitch assure trailer stays with pickup at all times. Low profile design keeps MudMaster and trailer stable.

Item No.	Description	Wt. lb.	Retail US \$
T-MM	Trailer with nurse system, for 82"-88" MudMaster wheel spacing	1,820	8,350.00
T-MM-N	Trailer with nurse system, for 75"-81" MudMaster wheel spacing	1,820	8,650.00
	Upgrade to Honda engine		575.00

MudMaster™ Hydraulic Lift



Hydraulically Raise and Lower Your Attachments!

Features/Specifications

- **Great Stability.** Widely spaced mounting points on the hydraulic lift assure stability of the lift and attachments.
- **Flexible Mounting.** Hydraulic lift mounts to MudMaster front or rear toolbar interchangeably. If desired, front and rear hydraulic lifts may be used at the same time.
- **Exceptional Height Range.** 50 in. range, from 30 to 80 in. above ground (without attachments).
- **Parallel Linkage.** Attachments are held at a constant angle as lift is raised and lowered.
- **Hydraulic System.** Two 2.5" x 8" cylinders easily and smoothly raise and lower attachments. Hydraulic hoses plug into MudMaster™ quick couplers.
- **Required to operate the following attachments:**
 - 30' broadcast boom
 - WickMaster ropewick applicator
 - Spill puller

Ordering

Additional hydraulic remote outlets may be required for applications where multiple lifts and/or hydraulic folding is desired. A separate remote is required for each hydraulic lift and each wing section controlled (simultaneous fold requires two remotes; independent fold requires three). Price for remote upgrade includes factory installation PRIOR TO INITIAL DELIVERY.

Item No.	Description	Wt. lb.	Retail US \$
HL-MM	Hydraulic lift	165	1,250.00
4HR-MM	4 hydraulic remote outlets (upgrade from 2).		425.00

MudMaster™ Broadcast Boom



30 ft.



41 & 51 ft.

Spray Entire Boom Width Or Just The Sections You Want!

Features

- **30', 41', or 51' Sizes.** Includes Quick TeeJet no-drip diaphragm nozzles, tip stainers, quick twist aligning caps and heavy duty boom clamps.
- **3-Way Spray.** Selectively spray through the left section, right section, center section or any combination of the three.
- **Breakaway Wing Hinges.** Wings breakaway to prevent damage to wing when it hits an obstruction. Springs return the wings automatically to working position when tripped.
- **Removable Stands.** Stands protect boom and spray nozzles when boom is detached from MudMaster. Stands also help when attaching the boom to the MudMaster.
- **Wing Alignment And Leveling.** Wings may be adjusted for true alignment and leveling.
- **Folding Options.** Choose between simultaneous or independent hydraulic fold on all models. (30' model comes in manual fold also.)
- **Hydraulic Lift.** 41' & 51' models include a specially designed hydraulic lift. (Hydraulic lift for 30' boom must be ordered separately, see page 5.)

Specifications

Model	Coverage	Height	Folded Width	Nozzles	Nozzles Spacing
SL	30'4"	116"	137"	13	28"
EW418	41'8"	103.5"	178"	25	20"
EW518	51'8"	123.5"	190"	31	20"

TIP	PSI	GPA 28" nozzle spacing				
		4 mph	5 mph	6 mph	7 mph	8 mph
TT11002-VP (yellow)	15	6.3	5.0	4.2	3.6	3.2
	20	7.4	5.9	4.9	4.2	3.6
	30	8.9	7.2	5.9	5.1	4.5
	40	10.5	8.5	7.0	6.0	5.2
	50	11.6	9.3	7.7	6.5	5.8
TT11003-VP (blue)	15	9.4	7.6	6.3	5.4	4.7
	20	11.0	8.9	7.4	6.3	5.6
	30	13.6	10.9	9.1	7.8	6.8
	40	15.5	12.6	10.5	9.0	7.8
	50	17.7	14.1	11.9	10.2	8.9
TT11004-VP (red)	15	12.6	10.1	8.5	7.2	6.3
	20	14.9	11.8	9.8	8.5	7.4
	30	18.4	14.9	12.2	10.5	9.2
	40	21.2	16.9	14.0	12.0	10.5
	50	23.3	19.0	15.5	13.5	11.8

TIP	PSI	GPA 20" nozzle spacing				
		4 mph	5 mph	6 mph	7 mph	8 mph
XR8002-VS (yellow)	15	8.9	7.1	5.9	5.2	4.5
	20	10.4	8.3	6.9	6.1	5.2
	30	12.6	10.1	8.4	7.4	6.3
	40	14.9	11.9	9.9	8.7	7.4
	50	16.3	13.1	10.9	9.6	8.2
XR8003-VS (blue)	15	13.4	10.7	8.9	7.8	6.7
	20	15.6	12.5	10.4	9.1	7.8
	30	19.3	15.4	12.9	11.3	9.7
	40	22	17.8	14.9	13	11.1
	50	25	20	16.8	14.9	12.6

Ordering

Boom does not include tips, Turbo TeeJet recommended for 30' boom (13 required), XR TeeJet recommended for 41' (25 required) & 51' (31 required) booms. Additional hydraulic remote outlets may be required for applications where multiple lifts and/or hydraulic folding is desired. A separate remote is required for each hydraulic lift and each wing section controlled (simultaneous fold requires two remotes; independent fold requires three). MudMaster comes standard with 2 hydraulic remotes. See page 5 for additional remote outlets.

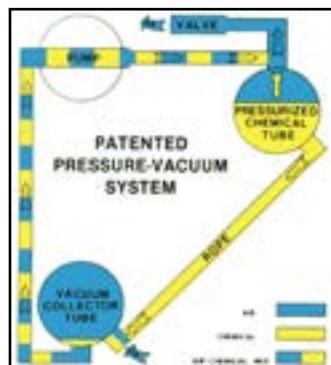
Item No.	Description	Wt. lb.	Retail US \$
SL-MM-M	30' broadcast boom, manual fold, <u>without</u> hydraulic lift	236	1,550.00
SL-MM-S	30' broadcast boom, simultaneous hydraulic fold, <u>without</u> hydraulic lift	282	1,950.00
SL-MM-I	30' broadcast boom, independent hydraulic fold, <u>without</u> hydraulic lift	286	2,050.00
EW418-MM-S	41' broadcast boom, simultaneous hydraulic fold, <u>includes</u> hydraulic lift	666	5,150.00
EW418-MM-I	41' broadcast boom, independent hydraulic fold, <u>includes</u> hydraulic lift	670	5,250.00
EW518-MM-S	51' broadcast boom, simultaneous hydraulic fold, <u>includes</u> hydraulic lift	707	5,350.00
EW518-MM-I	51' broadcast boom, independent hydraulic fold, <u>includes</u> hydraulic lift	711	5,450.00
	Turbo TeeJet wide angle tip		CALL
	XR TeeJet extended range tip		CALL



Pressurized, No-Drip System Keeps Ropes Wet While Recovering Unused Chemical.

Features

- Patented Pressure/Vacuum System. 12 VDC pump pressurizes the top chemical tube and pulls a vacuum on bottom collector tube, continuously recirculating chemical through the ropes.
- Highly Effective Kill In Just One Pass. One pass with the WickMaster controls better than 90% of the infestation. Allows use of non-selective herbicides.
- 10x Ropes-To-Weed Contact. Because the ropes are angled and run from the top tube to the bottom tube, there is 10 times more rope contacting the weed in a single pass than with a regular gravity flow unit.
- Minimum Chemical Waste. Unique to the WickMaster, the vacuum system recovers unused chemical.
- Controlled Chemical Flow. Adjust the desired flow rate with a regulating valve, from drip free to steady stream. Optimum flow occurs when ropes are fully saturated just to point of dripping and all unused chemical is recycled.
- Surge Protection. Internal baffles in top chemical tube prevent end to end surging.
- Front Mount. Mounts on front of MudMaster for good visibility and precise application. Requires hydraulic lift (sold separately). The hydraulic lift's parallel linkage holds unit at constant angle as the lift is raised and lowered.
- Dual Pump System. 20 ft. wide applicator uses two pumps, one for each 10 ft. section of wick tubes.



Specifications

- Electrical System. 12 VDC, fused at 10 amp.
- Wick Tube. Heavy wall 3" PVC tube. No-leakage, threaded adapters are tightly secured into tapped PVC tube. Ropes are removable for cleaning or replacing.
- Wick Rope. Special wick rope is made of diamond braid polyester jacket over an acrylic core.
- Height Range. Wick bar moves through a 50" height range.
- Speed of Application. Up to 5 mph.
- Application Rate. Adjustable from 0 to approximately 3 gal. of solution per acre at 5 mph.
- Rope Recharge Rate. Approximately 0.5 gal/acre available at 5 mph, with no drip.
- Transport Width. 248"
- Effective Rope Coverage. 240"
- Chemical Volume. Total capacity - 7.5 gal; recommended working volume - 3.0 to 5.0 gal.

Ordering

A hydraulic lift is required (order separately, see page 5). A wickbar transport rack is available for MudMaster trailer (order separately, see below).

Item No.	Description	Wt. lbs.	Retail US \$
WM-MM	WickMaster ropewick applicator, 20 ft.	156	2,925.00



Transport Your Wickbar The Easy Way!

Features/Specifications

- One Man Job. With this transport rack one man can detach the wickbar from the MudMaster and re-attach it for the next job.
- Quick Tie Downs. Strong tie down straps quickly lock down the wickbar to the rack.
- Easy Mount. Mounts to right side of the MudMaster trailer to avoid oncoming traffic.



Safety First

Mounting rack to side of trailer increases travel width. Stay clear of objects near rack when traveling.

Ordering

Wickbar transport rack fits MudMaster transport/nurse trailer (order trailer separately).

Item No.	Description	Wt. lbs.	Retail US \$
WR-MM	Wickbar transport rack for MudMaster trailer.	138	550.00

MudMaster™ Rider Seats



Spot Spray, Rogue or Just Enjoy the Ride!

Features

- **Extra riders.** Dual seats allow 2 extra riders to rogue fields for weeds like red rice and to spot spray weeds in row crops.
- **Add on Toolbars.** Simply bolt-on the extended toolbars to each side of the front axle of the MudMaster.
- **Rider Comfort.** Each toolbar has a durable cushioned seat, large umbrella for protection from the hot sun, retractable ladder that pulls down for easy mounting and trips up for travel, and a sizeable floor board with expanded metal for anti-slip and solid, secure foot support.
- **Spray Gun Kit (optional).** Features three brass spray guns with 18" extensions - one for each rider and one for the operator.

Item No.	Description	Wt. lbs.	Retail US \$
RSG-MM	Dual rider seats with spray gun kit.	274	2,150.00
RS-MM	Dual rider seats less spray gun kit.	268	1,850.00

MudMaster™ Levee Boom



For levee spraying, use of the specially designed levee boom, instead of the hydraulic lift and broadcast boom, reduces total machine weight by more than 10% (approximately 375 lbs.) helping you get through tougher field conditions and reducing chemical waste. The independently plumbed 2-section boom (center section and one wing) mounts directly to the MudMaster.

Features/Specifications

- Height adjustable center section for straddling levees.
- Vertically folding single wing for spraying outside levees and field edges.
- 6 Quick TeeJet no-drip nozzles on 28" spacing with low drift Turbo TeeJet wide angle tips.

Item No.	Description	Wt. lbs.	Retail US \$
LB-MM	Levee Boom (Center section and one wing, with tips)	41	450.00

MudMaster™ Spill Puller Package

Save Back Strain, Time And Money!



Features/Specifications

- **Quick and Easy.** Carefully lifts spills out of the ground, reducing torn and ruined spills. Works equally well on wooden boards or rebar rods/stakes.
- **Front Mount.** Attaches to MudMaster hydraulic lift (sold separately) mounted on front toolbar for good visibility.
- **Buddy Seat.** Attaches to MudMaster front toolbar and allows a rider to get on and off while the operator controls the hydraulic lift. Comes with large floor board and retractable ladder. (Does not include umbrella.)
- **Stake box.** Attaches to front toolbar and holds the stakes that have been pulled out of the ground.
- **Rear rack.** Attaches to rear toolbar and holds the spills while MudMaster carries them out of the field.

Ordering

Hydraulic lift required (order separately, see page 5).

Item No.	Description	Wt. lbs.	Retail US \$
SP-MM	Spill puller, buddy seat, stake box and rear rack	474	2,025.00
SPO-MM	Spill puller only		650.00

MudMaster™ Levee Ram

Cut Drainage Slots Through Stubborn Rice Levees

The Levee Ram is designed to cut through deeply rooted rice levees in sticky, gumbo mud. When draining rice fields, it easily pushes through levees to help get water off faster. The Levee Ram attaches to the front legs of the MudMaster, raises/lowers using its own hydraulic cylinder, and comes with a cylinder lock to prevent leak-down during transport and stands for easy attachment.



Item No.	Description	Wt. lbs.	Retail US \$
LR-MM	Levee Ram	325	1,375.00

MudMaster™ Ditcher Plow



Dry Your Fields Days Faster And Get A Jump On Planting Season!

Easy To Use!

Our two-blade ditcher cuts a clean, continuous set of drains for removing standing water. The heavy-duty, 22-inch blades run just outside the tire tracks and deposit the dirt from the ditches in the tire tracks. Blade arms can be removed and repositioned on the rear of the tool bar to minimize transport width. Attaches to rear legs of MudMaster and raises/lowers using its own hydraulic cylinders.

Easy To Transport!

Because the MudMaster is so easy to transport, using our transport/nurse trailer, you're able to move quickly and follow the rain.

Item No.	Description	Retail US \$
DP-MM	Ditcher Plow	2,250.00

MudMaster™ Mud Stomper Furrow Openers

Turn your MudMaster into a water removal tool!

Mud Stomper furrow openers "stomp" an inlet in the drain (tire ruts) left by the MudMaster as you drive through wet fields. Simply bolt the furrow openers onto the hubs of the MudMaster's rear wheels (fits year models 2004 - current) and drive. Easily removes standing water while reducing drying time, especially important before and during planting season. Depth of the furrow opener can be adjusted using set screws to match your specific field conditions.

IMPORTANT: TO REDUCE CHANCE OF DAMAGE, HEIGHT OF FURROW OPENER MUST BE REDUCED TO MINIMUM SETTING PRIOR TO TRANSPORT



Item No.	Description	Retail US \$
MS-MM	Furrow opener, set, MM 2004-current	300.00

MudMaster™ Precision Spraying Options

Automatic Spray Controller



The Automatic Spray Controller constantly maintains your target spray rate for you by automatically adjusting your spray pressure to compensate for changes in ground speed. No longer does the operator need to carry calibration charts to remember the correct pressure to spray at various ground speeds. Simply enter your target spray rate (GPA), along with a few other variables such as nozzle spacing and tip size, into the Rate Controller, and start spraying. Your ground speed is constantly monitored and your spray pressure is automatically adjusted to maintain your target spray rate.

The Automatic Spray Controller replaces the MudMaster's standard, manual controls and includes electronic solenoid valves for independent control of 3 boom sections. **This option is best suited for customers who spray a large number of acres or who demand the utmost in application accuracy.**

Matrix 430 GPS Guidance System

GPS guidance is no longer too complicated or too costly. Easy operation and affordable pricing make Matrix 430 the best value in GPS guidance. The full-color, touchscreen display with coverage mapping allows the operator to navigate fields with minimal skips and overlaps in coverage.

- Compact size allows mounting in front of operator for easy viewing
- High-contrast, full-color, 4.3 inch touchscreen provides superior visibility in bright light
- On-screen coverage mapping shows where you've already sprayed
- Displays additional info including: acres sprayed, time worked, and ground speed
- Guidance modes include: Straight AB, Curved AB, Circle Pivot, and Last Pass
- Boundary function allows for precise measurement of field area
- Produces Google Earth coverage maps and reports in .KML or .PDF format



Speedometer / Acreage Monitor

Displays the following information:

- Ground speed
- Total acres sprayed (3 counters allow individual jobs to be tracked)
- Acres per hour
- Total hours worked
- Distance traveled



This option is best suited for customers who only use their MudMaster to spot spray or to spray levees.

Installation

Price includes factory installation PRIOR TO INITIAL DELIVERY. Additional charge of \$350 will be added for installation of automatic spray controller AFTER INITIAL DELIVERY.

Item No.	Description	Retail US \$
ASC-MM	Automatic Spray Controller	3,775.00
LG-MM	Matrix 430 GPS Guidance System, with mounting bracket for MudMaster	1,800.00
ASC/LG-MM	Automatic Spray Controller & Matrix 430 GPS Guidance System Together	5,260.00
SOM-MM	Speedometer / Acreage Monitor	1,100.00

WickMaster® Pressure/Vacuum Ropewick Applicator



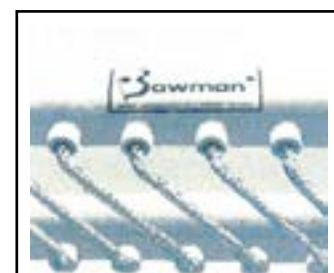
**Pressurized, No-Drip System
Keeps Ropes Wet While Recovering Unused Chemical.**

Features

- **Patented Pressure/Vacuum System.** 12 VDC pump pressurizes the top chemical tube and pulls a vacuum on bottom collector tube, continuously recirculating chemical through the ropes.
- **Highly Effective Kill In Just One Pass.** One pass with the WickMaster controls better than 90% of the infestation. Allows use of non-selective herbicides.
- **10x Ropes-To-Weed Contact.** Because the ropes are angled and run from the top tube to the bottom tube, there is 10 times more rope contacting the weed in a single pass than with a regular gravity flow unit.
- **Minimum Chemical Waste.** Unique to the WickMaster the vacuum system recovers unused chemical.
- **Controlled Chemical Flow.** Adjust the desired flow rate with a regulating valve, from drip free to steady stream. Optimum flow occurs when ropes are fully saturated just to point of dripping and all unused chemical is recycled.
- **Surge Protection.** Internal baffles in top chemical tube prevent end to end surging.
- **Choice Of Widths.** 180", 240" rigid units and 240", 320", 360" folding units.
- **Hydraulic Lift.** Parallel linkage holds ropes at constant angle as frame raises and lowers. Mounts on front of tractor for good visibility and precise application. Uses heavy wall bushings for long wear.

Specifications

- **Electrical System.** 12 VDC, fused at 10 amp.
- **Wick Tube.** Heavy wall 3" PVC tube. No-leakage, threaded adapters are tightly secured into tapped PVC tube and are completely repairable. Ropes are removable for cleaning or replacing.
- **Wick Rope.** Special wick rope is made of diamond braid polyester jacket over an acrylic core.
- **Height Range.** Wick bar moves through a 3-1/2 ft range, approximately 1-1/2 ft to 5 ft above ground.
- **Mounting.** Universal brackets fit most tractors (using four grade 8 double heat treated bolts). Different mounting brackets are furnished for high clearance and front wheel assist tractors.
- **Folding Models.** When wings are folded for transport, operator may set the manual linkage at two different folded widths. Wings adjust for true alignment and precise leveling. Units are shipped as manual fold, but customer can replace the manual linkages with hydraulic cylinders/hoses to easily convert to hydraulic fold.
- **Hydraulic Cylinders (not included).** Recommended 2" bore x 8" stroke, flow restricted. Also accepts 3" bore.
- **Speed of Application.** Up to 5 mph, all infestation levels.
- **Application Rate.** Adjustable from 0 to approximately 3 gal. of solution/acre at 5 mph.
- **Rope Recharge Rate.** Approximately 0.5 gal/acre available at 5 mph, with no drip.



Angled Ropes stay wet and provide maximum wiping surface.



Folding Model - Ropes inverted above tubes for transport.

Item No.	Description	Transport Width	Working Width	Effective Rope Coverage	Total Capacity (Gal.)	Working Volume (Gal.)
WM180	180" Rigid, 1 pump	188"	188"	180"	5.7	2.5-4.0
WM240/2	240" Rigid, 2 pumps	248"	248"	240"	7.5	3.0-5.0
WM240F	240" Fold, 2 pumps	114"	251"	240"	7.5	3.0-5.0
WM320F	320" Fold, 2 pumps	114"	331"	320"	10.2	4.0-7.0
WM360F	360" Fold, 2 pumps	114"	371"	360"	11.4	5.0-8.0

Testimonials:

"I covered 430 acres of cotton with moderate Johnsongrass infestations and some heavy patches using less than 3 gallons of Roundup. If you have a Johnsongrass problem, the WickMaster is the only way to go." *Bud Veazey, Cotton Plant, Arkansas*

I used the WickMaster to replace the regular ropewick because the regular ropewick wouldn't stay wet. I treated 400 acres at a speed of 5 MPH and used 3 gallons of Roundup. I treated volunteer corn and milkweed in drilled soybeans. There appeared to be an increased yield of 2-3 bushels an acre. The most impressive thing was that it kept the ropes wet." *Carl Kirby, Glenarm, Illinois*

Ordering

Complete applicator does not include hydraulic lift cylinder. If mounting to high clearance tractor or front wheel assist tractor, Item No. HC also required.

Item No.	Description	Wt. lbs	Retail US \$
WM180	180" rigid, 1 pump, complete applicator less hydraulic lift cylinder.	403	3,575.00
WM240/2	240" rigid, 2 pumps, complete applicator less hydraulic lift cylinder.	467	4,150.00
WM240F	240" fold, 2 pumps, complete applicator less hydraulic lift cylinder.	617	5,225.00
WM320F	320" fold, 2 pumps, complete applicator less hydraulic lift cylinder.	784	6,700.00
WM360F	360" fold, 2 pumps, complete applicator less hydraulic lift cylinder.	792	6,875.00
H3880	Hydraulic lift cylinder. 2 x 8 flow restricted, less hoses	15	99.00 net
HC	Replacement mounting brackets for high clearance tractors and front wheel assist tractors. (Instead of universal brackets.)		200.00

Rope-A-Dope™ Gravity Flow Ropewick Applicator



WT120, WT160, WT180, WT240



WT5, WT7.5

Safely Apply Non-Selective Chemical On Weeds That Grow Above Crops, Pastures, And Food Plots

Features

- Uses a simple gravity flow principle. Simply pour chemical mixture into pipe, tilt ropes to appropriate angle, and wipe wet ropes across weeds that are taller than the crop.
- Flow rate can be regulated by changing the tilt angle of the pipe, adjusting the tightness of the rope caps, or altering the thickness of the chemical mixture.
- Allows use of non-selective chemical to control unwanted weeds and grasses.
- Lower chemical cost per acre than spraying.
- Environmentally safe – eliminates wind drift, splatter, and chemical waste.
- Durable wick ropes are made with a diamond braid polyester jacket over an acrylic core and are easily removed for cleaning or replacing.
- Heavy wall 3" PVC pipe with threaded adapters to safeguard against leaks. Pipes are vented for continuous flow and larger sizes contain internal baffles to prevent surging.
- Available with two tractor mounting options: 1.) weight bracket mount or 2.) loader bucket mount. Also available with ATV mount.
- 5 and 7.5 ft. pipes can be connected together for uninterrupted rope coverage by overlapping ropes from one applicator to another. These pipe sizes are used in conjunction with the loader bucket mount and ATV mount.
- 10, 13, and 15 ft. pipes are available in left/right hand configurations for pairing together in a folding unit. These size pipes are NOT connectable and will leave a small gap in rope coverage when paired together. These sizes are used in conjunction with the weight bracket mount.
- 20 ft. pipe available in left hand configuration only, and is used in conjunction with the weight bracket mount.

Applicator Pipe Specifications

Item No.	Width	Effective Rope Coverage	Total Capacity (Gal.)	Working Volume (Gal.)	Baffles
WT5	60"	58"	1.6	0.4-1.2	0
WT7.5	90"	88"	2.5	0.6-1.8	1
WT120	125"	115"	3.8	1.5-3.0	1
WT160	165"	155"	5.1	2.0-4.0	2
WT180	185"	175"	5.7	2.0-4.0	2
WT240	245"	235"	7.6	2.5-5.0	3



Weight Bracket Mount:

- Parallel linkage lift mounts in place of tractor's weight bracket and holds ropes at a constant angle while raising/lowering. Requires 2x8 inch, flow restricted, hydraulic cylinder (available, but not included).
- 3.5 ft. range of height adjustment. Actual achievable heights will vary by tractor make/model, but will approximate 1.5 ft. to 5 ft. above ground.
- Standard mounting brackets fit most 2WD tractors. Extended mounting brackets are available for high clearance, FWA, and 4WD tractors.
- Available in widths from 10 ft. to 30 ft.
- Widths 20 ft. and over are available in folding or non-folding configuration (30 ft. available in folding configuration only).
- Folding models come with a manual fold linkage, but the manual linkage can be replaced with hydraulic cylinders (not included) if hydraulic fold is desired.



Loader Bucket Mount:

- Use your front end loader to raise/lower the applicator and to tilt the ropes to the appropriate angle.
- Attaches using 2 heavy-duty bucket clamps.
- Bucket clamps can also be used to attach any other 2" receiver hitch accessory to your bucket when you're not wicking.
- Available in widths from 7.5 to 20 ft.



ATV Mount:

- Perfect for use in small areas like food plots or pastures.
- Universal mounting bracket attaches to ATV's front rack or brush guard and includes a hand crank to adjust the applicator height.
- 2 ft. range of height adjustment. Actual achievable heights will vary by ATV make/model, but will approximate 6 to 30 inches above ground if using horizontal mounting method (12 to 22 inches if using vertical mounting method).
- Available in 7.5 and 10 ft. widths.

Item No.	APPLICATOR ONLY	Wt. lbs.	Retail US \$
WT5	5' wickbar (pipe & rope only)	10	160.00
WT7.5	7.5 wickbar (pipe & rope only)	14	230.00
WT120L (R)	120" wickbar (pipe & rope only) elbow on left (right) end	27	330.00
WT160L (R)	160" wickbar (pipe & rope only) elbow on left (right) end	34	415.00
WT180L (R)	180" wickbar (pipe & rope only) elbow on left (right) end	36	450.00
WT240L	240" wickbar (pipe & rope only) elbow on left end	49	600.00

Complete applicator does not include hydraulic lift cylinder (order separately). If mounting to high clearance tractor or front wheel assist tractor, Item No. HC also required.

Item No.	APPLICATOR & WEIGHT BRACKET MOUNT	Wt. lbs.	Retail US \$
RD120	120" rigid, complete applicator less hydraulic lift cylinder	270	1,650.00
RD160	160" rigid, complete applicator less hydraulic lift cylinder	295	1,775.00
RD180	180" rigid, complete applicator less hydraulic lift cylinder	309	1,850.00
RD240	240" rigid, complete applicator less hydraulic lift cylinder	333	2,050.00
RD320	320" rigid, complete applicator less hydraulic lift cylinder	383	2,425.00
RD240F	240" fold, complete applicator less hydraulic lift cylinder	465	2,950.00
RD320F	320" fold, complete applicator less hydraulic lift cylinder	513	3,250.00
RD360F	360" fold, complete applicator less hydraulic lift cylinder	531	3,400.00
H3880	Hydraulic lift cylinder. 2 x 8 flow restricted, less cylinder	15	99.00 net
HC	Replacement mounting brackets for high clearance tractors or front wheel assist tractors (Instead of universal brackets)		200.00

Item No.	APPLICATOR & LOADER BUCKET MOUNT	Wt. lb.	Retail US \$
RD-LB7.5	7.5 ft. Loader Bucket Applicator	129	710.00
RD-LB10	10 ft. Loader Bucket Applicator	135	800.00
RD-LB12.5	12.5 ft. Loader Bucket Applicator	139	870.00
RD-LB15	15 ft. Loader Bucket Applicator	170	1,050.00
RD-LB17.5	17.5 ft. Loader Bucket Applicator	176	1,140.00
RD-LB20	20 ft. Loader Bucket Applicator	180	1,210.00

Item No.	APPLICATOR & ATV MOUNT	Wt. lb.	Retail US \$
RD-ATV7.5	7.5 ft. ATV Applicator	56	750.00
RD-ATV10	10 ft. ATV Applicator	59	840.00

WeedWand™

Hand Ropewick Applicator



The Ideal Tool For Applying Chemical To Unwanted Grass And Weeds

- **Lawn, Utility And Farm Use.** Kill bermudagrass in flowerbeds without harming the flowers. Wipe out weeds without damaging your lawn. Trim along sidewalks, driveways, mailboxes, buildings, utility poles and fences. Spot control weeds like Johnsongrass in row crops, rice fields and pastures. Ideal to use with chemicals like Roundup.
- **Environmentally Safe.** Eliminates wind drift and splatter around desired vegetation and is safe around animals too. Note: Always read and follow chemical manufacturer's label.
- **Effective And Economical.** Kill only what you wipe with this low cost applicator. Reduced chemical waste also reduces chemical cost.
- **Simple To Use.** Pour chemical into top of handle and wipe rope across weeds.
- **Easy To Maintain.** Rope is removable for cleaning or replacing.
- **Construction.** Durable PVC handle serves as chemical reservoir. Fill cap is sealed with a gasket to prevent leakage. Swivel caps squeeze rope to adjust wicking action.
- **3 Sizes.** 1", 10" or 20".

Item No.	Effective Rope Coverage	Capacity (oz.)	Weight full (lb.)	Handle Length (in.)	No. of ropes	Wick rope
WW1	1"	10	1.50	43	1	Nylon
WW10	10"	16	2.75	43	1	Polyester/acrylic
WW20	20"	18	3.50	43	2	Polyester/acrylic

Item No.	Description	Wt. lbs.	Retail US \$
WW1	1" effective rope coverage.	1	25.00
WW10	10" effective rope coverage.	2	40.00
WW20	20" effective rope coverage.	2.5	65.00

AgMate™

Three Point Hitch Sprayer



55 gallon sprayer/30' boom

300 gallon sprayer/51' boom

When It Comes To Broadcast Spraying, The AgMate Has It Covered!

Features Of The AgMate 55/110

- **Use For Broadcast Spraying.** Ideal for spraying crops, pastures, orchards, nurseries, around cattle barns or poultry houses and along ditches, fences and turn rows.
 - Choice Of Booms.** 15' or 30' manual fold and 30' hydraulic fold. Wings fold vertically for transport and breakaway forward or backward when it hits an obstruction. Features Quick TeeJet no drip diaphragm nozzles and includes tip strainers, quick twist self-aligning caps and heavy duty boom clamps. (See page 25 for description of 30' boom.)
 - Boomless Cluster Nozzle.** Available with spray coverage of 34 to 60 ft., depending on nozzle size. (See page 21 for description.)
- **Use For Spot Spraying.** GunJet spray gun is made with strong aluminum body, 18" extension, and has a brass adjustable ConeJet tip that sprays a fine mist to a powerful jet reaching up to 20 ft. vertically or 38 ft. horizontally.
 - Spray Gun Hose.** 25 ft. of clear braided flexible hose lets you carry the spray gun in a large 50 ft. diameter area without moving the tank.
- **PTO 6 Roller Pump.** Has polypropylene rollers, Viton seals and includes a dual speed 540/1000 RPM quick coupler and torque bar.
- **Pump Strainer.** Easy to clean, polypropylene, in line strainer with threaded bowl and 40 mesh screen protects pump from trash.
- **Heavy Duty Tank Rank.** Includes quickhitch (cat. 1-2), fixed position stands, hose rack for the spray gun and hitch pins.
- **Flow Control.** Extendable arm places controls within easy reach of operator.
 - Boom Valve.** Durable, polypropylene valve adjusts to maintain control of line pressure in conjunction with tank bypass system. Comes with pressure gauge and mounts on an adjustable bracket for operator convenience.
- **Spray Tank.** White, polyethylene, horizontal, sump for complete drainage, large lid for easy filling and molded in gallonage indicators. Choice of 55 or 110 gallon.

Features Of The AgMate 200/300

- Use For Broadcast Spraying. Ideal for spraying in row crops and pastures.
- Choice Of Boom Sizes. 30' manual fold and 30', 41', or 51' hydraulic fold. Wings fold vertically for transport and breakaway forward or backward when it hits an obstruction. Spray system includes Quick TeeJet no drip diaphragm nozzles, tip strainers, quick twist self aligning caps and heavy duty boom clamps. Hydraulic system includes 2" x 8" cylinders, flow restrictors and hydraulic hoses ready to plug into tractor's hydraulic outlets. (See pages 23 & 25 for description of 30', 41' and 51' booms.)
- Boomless Cluster Nozzle. Available with spray coverage of 34 to 60 ft., depending on nozzle size. (See below for description.)
- Hydraulic Centrifugal Pump. Hydraulic motor drive, polypropylene housing, 110 GPM max, 100 PSI max.
- PTO 6 roller pump. Dual speed 540/1000 RPM quick coupler, torque bar.
- Pump Stainer. Easy to clean, polypropylene, in line strainer with threaded bowl and 50 mesh screen protects pump from trash.
- Heavy Duty Tank Rack. Includes quickhitch (Cat 2-3), removable stands and hitch pins.
- Remote Sprayer Control. Regulates 1 section or 3 section and mounts in tractor cab. Includes pressure regulating valve, pressure gauge and solenoid valves that maintain constant pressure when boom sections are shut off.
- Spray Tank. White, polyethylene, horizontal, sump for complete drainage, large 10" led for easy filling and molded in gallonage indicators. Choice of 200 or 300 gallon.

Boomless Nozzle Assembly

Spray Coverage

40 ft. model is standard (34, 50 and 60 ft. available)



Tips

Cluster of 2 off-center tips and 3 VeeJet tips.



TeeJet® Flat Tip Selection

TIP	PSI	GPA 20" nozzle spacing							
		4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	
TP8002-VS (yellow)	30	12.6	10.1	8.4	7.2	6.3	5.6	5.0	
	35	14.1	11.3	9.4	8.1	7.1	6.3	5.6	
	40	14.9	11.9	9.9	8.5	7.4	6.6	5.9	
	50	16.3	13.1	10.9	9.3	8.2	7.3	6.5	
TP8003-VS (blue)	30	19.3	15.4	12.9	11.0	9.7	8.6	7.7	
	35	21	16.6	13.9	11.9	10.4	9.2	8.3	
	40	22	17.8	14.9	12.7	11.1	9.9	8.9	
	50	25	20	16.8	14.4	12.6	11.2	10.1	

Turbo TeeJet® Wide Angle Tip Selection.

TIP	PSI	GPA 28" nozzle spacing							
		4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	
TT11002-VP (yellow)	15	6.3	5.0	4.2	3.6	3.2	2.8	2.6	
	20	7.4	5.9	4.9	4.2	3.6	3.2	3.0	
	30	8.9	7.2	5.9	5.1	4.5	4.0	3.5	
	40	10.5	8.5	7.0	6.0	5.2	4.7	4.2	
	50	11.6	9.3	7.7	6.5	5.8	5.1	4.6	
TT11003-VP (blue)	15	9.4	7.6	6.3	5.4	4.7	4.2	3.8	
	20	11.0	8.9	7.4	6.3	5.6	4.9	4.4	
	30	13.6	10.9	9.1	7.8	6.8	6.1	5.5	
	40	15.5	12.6	10.5	9.0	7.8	7.0	6.3	
	50	17.7	14.1	11.9	10.2	8.9	7.9	7.2	
TT11004-VP (red)	15	12.6	10.1	8.5	7.2	6.3	5.6	5.0	
	20	14.9	11.8	9.8	8.5	7.4	6.5	5.9	
	30	18.4	14.9	12.2	10.5	9.2	8.2	7.4	
	40	21.2	16.9	14.0	12.0	10.5	9.3	8.5	
	50	23.3	19.0	15.5	13.5	11.8	10.5	9.4	



Safety First

WARNING: Stay away from over head power lines when transporting or raising wings. Electrocutation can occur without direct contact.

NOTE: All AgMate sprayers, boomless nozzles, 15 ft. booms, and 30 ft. booms come assembled. Factory set-up is available for EagleWing booms at \$225 net charge.

Ordering

Boom does not include tips. Turbo TeeJet tips recommended for 30' boom (13 required). TeeJet flat tips recommended for 15' boom (9 required), 41' boom (25 required) 51' boom (31 required).

Item No.	Description	Wt. lbs.	Retail US \$
Sprayer (without boom)			
AM55-M-PTO	55 gal. 1-section manual control, PTO roller pump *	198	1,875.00
AM110-M-PTO	110 gal. 1-section manual control, PTO roller pump *	303	2,330.00
AM200-R1-PTO-SL	200 gal. 1-section remote control, PTO roller pump *	560	3,925.00
AM200-R1-HYD-SL	200 gal. 1-section remote control, hyd centrifugal pump *	570	4,800.00
AM200-R3-PTO-EW	200 gal. 3-section remote control, PTO roller pump	625	4,750.00
AM200-R3-PTO-SL	200 gal. 3-section remote control, PTO roller pump	575	4,550.00
AM200-R3-HYD-EW	200 gal. 3-section remote control, hyd centrifugal pump	635	5,575.00
AM200-R3-HYD-SL	200 gal. 3-section remote control, hyd centrifugal pump	585	5,375.00
AM300-R1-PTO-SL	300 gal. 1-section remote control, PTO roller pump *	583	4,150.00
AM300-R1-HYD-SL	300 gal. 1-section remote control, hyd centrifugal pump *	598	5,000.00
AM300-R3-PTO-EW	300 gal. 3-section remote control, PTO roller pump	648	4,950.00
AM300-R3-PTO-SL	300 gal. 3-section remote control, PTO roller pump	598	4,750.00
AM300-R3-HYD-EW	300 gal. 3-section remote control, hyd centrifugal pump	658	5,800.00
AM300-R3-HYD-SL	300 gal. 3-section remote control, hyd centrifugal pump	608	5,600.00
* - Not compatible with EagleWing (EW) booms.			
Boom (without tips)			
B150-AM	15' broadcast boom, manual fold	46	450.00
CN40-AM	40' boomless cluster nozzle	5	300.00
EW418-AM-S	41' broadcast boom, simultaneous hydraulic fold	465	3,175.00
EW418-AM-I	41' broadcast boom, independent hydraulic fold	469	3,275.00
EW518-AM-S	51' broadcast boom, simultaneous hydraulic fold	512	3,375.00
EW518-AM-I	51' broadcast boom, independent hydraulic fold	516	3,475.00
SL-AM-M	30' broadcast boom, manual fold	199	1,550.00
SL-AM-S	30' broadcast boom, simultaneous hydraulic fold	239	1,950.00
SL-AM-I	30' broadcast boom, independent hydraulic fold	243	2,050.00

EagleWing™

Hydraulic Folding Spray Boom



**Easy Fold Up, Short Turnaround,
And Accurate Spray Coverage**

Features

- **2 Sizes.** 41' or 51'.
- **Choice Of Mounting.** Quickhitch (Cat 2-3) or trailer/rack mount.
- **Vertical Fold.** Folds like a row marker for narrow travel width.
- **Break Away Wing Hinges.** Wings break away to prevent damage to wing when they hit an obstruction. Springs return the wings automatically to working position when tripped.
- **2 Height Settings.** Set for high or low clearance, 1 ft. adjustment.
- **Hydraulic Fold.** Includes 2" x 8" cylinders, flow restrictors and hydraulic hoses ready to plug into tractor's hydraulic outlets. Simultaneous fold is standard. Independent fold is optional.
- **Spray Nozzles.** Includes Quick TeeJet no-drip diaphragm nozzles, tip strainers, quick twist self aligning caps and heavy duty boom clamps. Single section spray system standard. Triple section spray system also available.
- **Stabilized Spray Pattern.** Spring/chain stabilizers minimize shock load on wings in rough ground, providing an even spray pattern.
- **Wing Alignment And Leveling.** Wings may be adjusted for true alignment and leveling.
- **Removable Stands (3 pt. hitch model only).** Stands protect boom and spray nozzles when boom is detached from tractor 3 pt. hitch. Stands also help when hooking up to tractor 3 pt. hitch.
- **Long Wear Bushings.** Boom is built of heavy walled tubing with bushings at pivot points.
- **Bump wheels (optional).** Bump wheels are available for attaching to wings so tips do not hit the ground. They are not designed to be used as gauge wheels.

Specifications

Coverage	Mounting	Height	Folding Width At The Top	Folded Width At The Bottom	Nozzles	Nozzle Spacing
41'8"	Quickhitch (cat 2-3)	106" (Top to hitchpin)	178"	123"	25	20"
41'8"	Trailer/rack mount	103.5" (Top to bottom)	178"	123"	25	20"
51'8"	Quickhitch (cat 2-3)	126" (Top to hitchpin)	190"	123"	31	20"
51'8"	Trailer/rack mount	123.5" (Top to bottom)	190"	123"	31	20"

TeeJet Flat Tip Selection

TIP	PSI	GPA 20" nozzle spacing						
		4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph
TP8002-VS (yellow)	30	12.6	10.1	8.4	7.2	6.3	5.6	5.0
	35	14.1	11.3	9.4	8.1	7.1	6.3	5.6
	40	14.9	11.9	9.9	8.5	7.4	6.6	5.9
	50	16.3	13.1	10.9	9.3	8.2	7.3	6.5
TP8003-VS (blue)	30	19.3	15.4	12.9	11.0	9.7	8.6	7.7
	35	21	16.6	13.9	11.9	10.4	9.2	8.3
	40	22	17.8	14.9	12.7	11.1	9.9	8.9
	50	25	20	16.8	14.4	12.6	11.2	10.1

Safety First

WARNING: Stay away from overhead power lines when transporting or raising wings. Electrocution can occur without direct contact.

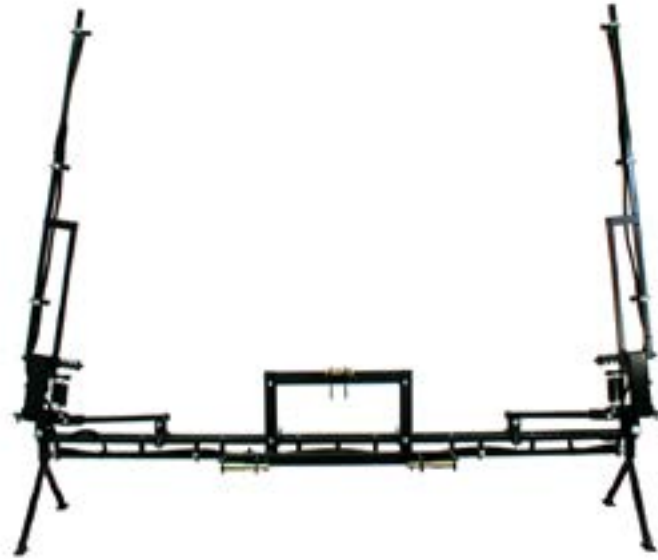
Ordering

Boom does not include tips. TeeJet flat tip recommended for 41'boom (25 required) & 51' (31 required).

NOTE: Factory set-up available. \$225 net charge.

Item No.	Description	Wt. lbs.	Retail US \$
EW418-R-S	41' Rack hitch, simultaneous hydraulic fold	439	3,175.00
EW418-R-I	41' Rack hitch, independent hydraulic fold	443	3,275.00
EW418-Q-S	41' Quick hitch, simultaneous hydraulic fold	588	3,675.00
EW418-Q-I	41' Quick hitch, independent hydraulic fold	562	3,775.00
EW518-R-S	51' Rack hitch, simultaneous hydraulic fold	481	3,375.00
EW518-R-I	51' Rack hitch, independent hydraulic fold	485	3,475.00
EW518-Q-S	51' Quick hitch, simultaneous hydraulic fold	600	3,875.00
EW518-Q-I	51' Quick hitch, independent hydraulic fold	604	3,975.00

StreamLine™ Manual/Hydraulic Folding Spray Boom



Heavy Duty, Streamline Design!

Features

- **Spray Nozzles.** Quick TeeJet no-drip diaphragm nozzles, tip strainers, quick twist self aligning caps and heavy duty boom clamps.
- **Choice Of Mounting.** Quickhitch (cat 2-3) or trailer/rack mount.
- **Streamline Design.** No trussing to work-around. Triple bar center frame is constructed of strong heavy walled 1-1/4" square tubing. Unobstructed lower tubing provides easy and exact placement of spray nozzles.
- **Breakaway Wing Hinge.** Wings breakaway to prevent damage to wing when it hits an obstruction. Springs return the wings automatically to working position when tripped.
- **Removable Stands (3 pt hitch models only).** Stands protect boom and spray nozzles when boom is detached from tractor. Stands also help when attaching the boom to the tractor.
- **Hydraulic Fold.** A hydraulic cylinder kit is optional for folding the wings hydraulically. Includes 2" x 8" cylinders, flow restrictors and hydraulic hoses ready to plug into tractor's hydraulic outlets.
- **Manual Fold Linkage.** Makes folding quick and easy, securely holding wing up in transport position.
- **Wing Alignment And Leveling.** Wings may be adjusted for true alignment and leveling.

Specifications

Dimensions: width (folded) - 11'5", width (unfolded) - 28'6-1/2"; Top of folded wing to bottom of nozzle body - 9'8".

Coverage	Fold	Mounting	Stands	Nozzles	Nozzles Spacing
30'4"	Manual	Trailer/rack mount	No	13	28"
30'4"	Manual	Quickhitch (cat 2-3)	Yes	13	28"
30'4"	Hydraulic	Trailer/rack mount	No	13	28"
30'4"	Hydraulic	Quickhitch (cat 2-3)	Yes	13	28"

Turbo TeeJet Wide Angle Tip Selection.

TIP	PSI	GPA 28" nozzle spacing						
		4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph
TT11002-VP (yellow)	15	6.3	5.0	4.2	3.6	3.2	2.8	2.6
	20	7.4	5.9	4.9	4.2	3.6	3.2	3.0
	30	8.9	7.2	5.9	5.1	4.5	4.0	3.5
	40	10.5	8.5	7.0	6.0	5.2	4.7	4.2
	50	11.6	9.3	7.7	6.5	5.8	5.1	4.6
TT11003-VP (blue)	15	9.4	7.6	6.3	5.4	4.7	4.2	3.8
	20	11.0	8.9	7.4	6.3	5.6	4.9	4.4
	30	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	40	15.5	12.6	10.5	9.0	7.8	7.0	6.3
	50	17.7	14.1	11.9	10.2	8.9	7.9	7.2
TT11004-VP (red)	15	12.6	10.1	8.5	7.2	6.3	5.6	5.0
	20	14.9	11.8	9.8	8.5	7.4	6.5	5.9
	30	18.4	14.9	12.2	10.5	9.2	8.2	7.4
	40	21.2	16.9	14.0	12.0	10.5	9.3	8.5
	50	23.3	19.0	15.5	13.5	11.8	10.5	9.4



Safety First

WARNING: Stay away from over head power lines when transporting or raising wings. Electrocution can occur without direct contact.

Ordering

Boom does not include tips. Turbo TeeJet recommended (13 required).

Item No.	Description	Wt. lbs.	Retail US \$
SL-Q-M	30' Quick hitch, manual fold	287	1,800.00
SL-Q-S	30' Quick hitch, simultaneous hydraulic fold	327	2,200.00
SL-Q-I	30' Quick hitch, independent hydraulic fold	331	2,300.00
SL-AM-M	30' Trailer/rack hitch, manual fold	199	1,550.00
SL-AM-S	30' Trailer/rack hitch, simultaneous hydraulic fold	239	1,950.00
SL-AM-I	30' Trailer/rack hitch, independent hydraulic fold	243	2,050.00

Survey Marker Plow



A Universal Mount Marker Plow That's Built To Stand The Test!

SURVEY MARKER PLOW - The floating plow mounts to the vehicle's receiver hitch for fast and solid, universal attachment. The plow is raised for transport and lowered for marking using a 12-volt actuator. Because of our unique floating design, the operator does not have to continually raise/lower the plow. The plow operates in the fully down position while the floating mechanism follows the contour and condition of the ground, thereby reducing stress on the frame and actuator. The plow shank and drawbar are height adjustable to match the ground clearance of the carrier vehicle. Includes wiring harness and toggle switch. An extended drawbar is available for vehicles with a rear mounted spare tire.

Item No.	Description	Wt. lb.	Retail US \$
SMP	Survey Marker Plow	115	1,650.00

RiceMate™ ATV Broadcast/Levee/Spot Sprayer



Turn Your ATV Into The Ultimate Farm Sprayer.

Features/Specifications

- **Use As A 20 Ft. Broadcast Sprayer.** Use both sides of boom in leveled position for broadcast spraying 20 ft. wide in a single pass. Spray areas airplanes don't reach along power lines and tree lines.
- **Unique Break Away Hinge.** Wings break away when they hit an obstruction and fold forward for transport and storage.
- **Spray Nozzles.** 6 Quick TeeJet, no drip nozzles on 40" spacing with self-aligning caps. TK-VS 2.5 stainless steel insert FloodJet tips and 50 mesh tip strainers.
- **Use As A Levee Sprayer.** Use one side of boom in a raised position for spraying rice levees.
- **Use As Spot Sprayer.** TriggerJet spray gun is durable, lightweight, and made of polypropylene. Features positive trigger lock for continuous flow. Adjustable ConeJet tip sprays a fine mist to a powerful jet. 10'8" clear reinforced flexible hose lets you carry the spray gun in a large area without moving the tank.
- **35 Gallon Capacity.** 20 gallon sprayer with a 15 gallon front auxiliary tank team up for a total of 35 gallons. Both 15 and 20 gallon tanks are white, polyethylene, low profile, with a large 5" lid.
- **12 VDC Pump.** Quad, diaphragm, 3.7 GMP max flow rate, 4 chamber viton check valve, 45 PSI limit switch, 10 amp max draw, quick release/snap in port fittings. Does not damage pump if it runs dry. On/off pump switch and pressure gauge are mounted on the handlebar for operator convenience.
- **Pump Strainer.** Easy to clean compact, polypropylene, in-line strainers with threaded bowl and 50 mesh screen protects pump from trash.
- **Flow Control.** Control the flow to either side of boom with brass boom shut off valves. Pull chemical from either the front or rear tank with brass tank shut off valves to maintain an even weight distribution on the ATV.
- **Pressure Regulator Valve.** Regulate pressure with needle valve and tank bypass system.
- **Simple Hookup.** In-line quick connectors in the wiring harness make it easy to take the sprayer on and off the ATV. Comes complete with mounting hardware.



Safety Never exceed 10 MPH with sprayer mounted on ATV. Always balance weight between front and rear tanks to avoid overturn.

Item No.	Description	Wt. lbs.	Retail US \$
RM	RiceMate sprayer complete with front and rear tanks and 20 foot broadcast/levee boom.	120	1,600.00
-LFTA	Less front tank assembly		< 300.00 >
B4701	20 foot broadcast/levee boom	48	500.00
B4750	Levee boom only (right wing with 1 tip only)	31	275.00



**Thank you
for considering our products!**