



APPLICATION EQUIPMENT
FULL PRODUCT GUIDE
2027



DEMCO

BUILT TO MOVE™

UTV/ATV/UTILITY | BOOMS | THREE POINT | PULL TYPE | FRONT MOUNT | TRACTOR MOUNT

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SPRAYER COMPATABILITY KEY



ATV



UTV



LAWN MOWER



UTILITY TRACTOR



PICKUP



FLATBED TRUCK



TRACTOR

If you have any questions on availability or compatibility to your application, call us at

DEMCO 1-800-543-3626

DEMCO

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DEMCO® Products has attempted to show each product in this catalog in an accurate manner. Because we are continually updating product and/or production enhancements, it may sometimes change the appearance of an item before new photos can be taken.

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For a complete list of patents:

<https://www.demco-products.com/about-demco>



FEATURES OF 25 GALLON

- 5" fillwell - 1/2" outlet with agitation
- Heavy duty tube steel welded frame fits most ATV's. Tie down straps make mounting easy
- 18" handgun with adjustable nozzle
- 15' lead hose
- Plumbing includes pressure gauge & regulator

FOUR BOOMS AVAILABLE:

- 12' and 18' booms feature 1.5 floodjet tips and spring loaded boom wing breakaway. 10 GPA at 4 MPH output



*NOTE: Do not exceed manufacturer's load limit
All sprayers are partially preassembled*

HOW TO ORDER: 1. Choose desired **Sprayer/Pump Model** 2. Choose appropriate **Accessories**

MODEL AND PUMP

25 Gallon rear ATV mount, 5 GPM electric pump, pressure gauge & regulating valve	9464047	74 lbs.	\$1,259.00
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BOOMS

Universal Mounting Brackets for ATV cargo rack	HYMB	2 lbs.	\$80.00
80" Two Nozzle Boom Assembly 40" spacing	80B10	15 lbs.	\$197.00
12' Boom - 1 section - 40" spacing	DB12	27 lbs.	\$363.00
18' Boom - 1 section - 40" spacing	DB18	38 lbs.	\$511.00
2 nozzle boomless kit - includes 2 FC-XT010 tips, sprays approximately 30' for 25 gallon	9428147	8 lbs.	\$360.00

PRO SERIES | 40 • 60 • 80 GALLON



TRAILER

40 gallon shown



SKID MOUNT

60 gallon shown



THREE POINT

80 gallon shown



COMMON FEATURES

- Tank with a sloped bottom sump for total drainage, 5" fillwell
- Gallon and liter markings on the tank
- Agitation is standard in all tanks
- Special molded-in baffling in bottom of tank for enhanced agitation
- 15 x 6 flotation turf tires on 40 gallon trailer models
- 18 x 9.50 flotation tires on 60 and 80 gallon trailer models
- Handgun with 15' spray hose (380RB)
- Three Point mount fits category "1" three-point



6351 Control console



Electric pump and boom control



HOW TO ORDER: 1. Choose **Model** 2. Choose **Boom** 3. Choose **Accessories****40 MODEL AND PUMP**

40 Gallon Skid Mount with electric 5 GPM pump. Skid base is 34" wide x 26 1/2" deep w/ control console	9464115	112 lbs.	\$1,605.00
40 Gallon Trailer with electric 5 GPM pump	9464077	154 lbs.	\$1,852.00
40 Gallon Three Point Mount with electric 5 GPM pump	9464084	139 lbs.	\$1,658.00

60 MODEL AND PUMP

60 Gallon Skid with electric 5 GPM pump. Skid base is 34" wide x 26 1/2" deep with control console	9464116	165 lbs.	\$1,724.00
60 Gallon Skid with elec. 5 GPM pump. Skid base is 34" wide x 26 1/2" deep with control console - yellow	9464119	165 lbs.	\$1,724.00
60 Gallon Skid with 4 HP Honda® and "Silver Cast" pump (XL4101) Skid base is 26 1/2" wide x 34" deep	9464068	165 lbs.	\$3,435.00
60 Gallon Skid with Ace centrifugal pump and 4 HP Honda® engine (1-section)	9464101	165 lbs.	\$3,342.00
60 Gallon Skid with Ace centrifugal pump and 4 HP Honda® engine (3-section)	9464096	165 lbs.	\$3,653.00
60 Gallon Trailer with electric 5 GPM pump	9464078	186 lbs.	\$2,166.00
60 Gallon Trailer with Ace centrifugal pump and 4 HP Honda® engine (1-section)	9464105	165 lbs.	\$3,817.00
60 Gallon Trailer with Ace centrifugal pump and 4 HP Honda® engine (3-section)	9464103	165 lbs.	\$4,119.00
60 Gallon Three Point Mount with electric 5 GPM pump	9464085	149 lbs.	\$1,764.00
60 Gallon Three Point Mount with PTO 6 roller pump for 80", 12', or 18' boom (1-section)	9464087	168 lbs.	\$2,028.00
60 Gallon Three Point Mount with PTO 6 roller pump for 21', 28', or 30' boom (3-section)	9464089	183 lbs.	\$2,332.00

80 MODEL AND PUMP

80 Gallon Skid with electric 5 GPM pump. Skid base is 34" wide x 26 1/2" deep with control console	9464117	181 lbs.	\$1,894.00
80 Gallon Skid with Ace centrifugal pump and 3 HP Honda® engine (3-section)	9464097	181 lbs.	\$3,748.00
80 Gallon Trailer with electric 5 GPM pump	9464079	202 lbs.	\$2,370.00
80 Gallon Trailer with 4 HP Honda® and "Silver Cast" pump (XL4101)	9464083	245 lbs.	\$4,170.00
80 Gallon Trailer with Ace centrifugal pump and 3 HP Honda® engine (1-section)	9464104	181 lbs.	\$4,030.00
80 Gallon Three Point Mount with electric 5 GPM pump	9464086	165 lbs.	\$1,973.00
80 Gallon Three Point Mount with PTO 6 roller pump for 80", 12', or 18' boom (1-section)	9464088	184 lbs.	\$2,244.00
80 Gallon Three Point Mount with PTO 6 roller pump for 21', 28', or 30' boom (3-section)	9464090	199 lbs.	\$2,589.00

BOOM

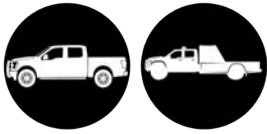
40/60/80 80" boom - 2 nozzles, 40" spacing	80B25	10 lbs.	\$170.00
40/60/80 12' boom - 4 nozzles, 40" spacing	DB12	27 lbs.	\$363.00
40/60/80 Conversion kit changes DB12 from 40" to 20" spacing - 7 nozzles	9428173	27 lbs.	\$77.00
40/60/80 18' boom - 6 nozzles, 40" spacing	DB18	38 lbs.	\$511.00
40/60/80 Conversion kit changes DB18 from 40" to 20" spacing - 11 nozzles	9428174	27 lbs.	\$131.00
40/60/80 2 nozzle boomless kit (includes 2 FC-XT010 tips)	9428147	8 lbs.	\$360.00
40/60/80 Rear Mount Mounting Kit - Required for 9428147 and 9428149	6241	2 lbs.	\$18.76
40/60/80 Spray Boom and Boomless Kit *(order boom separately)	6432		\$583.00
60/80 2 nozzle boomless kit (roller/centrifugal pump) - sprays approximately 30'	9428149	8 lbs.	\$417.00
60/80 21' Truss-T, rear cross/fold boom spray tips not included (3-section)	9488151	85 lbs.	\$1,483.00
60/80 30' Truss-T, rear cross/fold boom spray tips not included (3-section)	9488152	115 lbs.	\$1,856.00

ACCESSORIES

Hose reel with 50' of 3/8" hose (uses existing handgun)	9428114	20 lbs.	\$331.00
Lawn and turf gun with #3 nozzle	25660-3	1 lbs.	\$178.00
LTL freight shipments require crating	CRATE	NET	\$63.00

*NOTE: All sprayers are partially preassembled
Boom may be removed for shipping*

SKID MOUNT | 150 GALLON



FEATURES OF 150 MOUNTED

- Tank features sump, molded sight gauge and large fillwell and agitation
- 18" handgun
- 15' hose (380RB)

THREE BOOMS AVAILABLE:

- 12' and 18' booms feature floodjet tips (AN1.5 with 45" nozzle spacing) and spring loaded boom wing breakaway
- 21' Truss-T boom features vertical and horizontal boom breakaway with 20" nozzle spacing (spray tips not included)

SKID DIMENSIONS

WIDTH: 30"

LENGTH: 70"

HOW TO ORDER: Choose in this order: 1. Tank 2. Frame 3. Plumbing 4. Engine 5. Pump 6. Boom 7. Accessories

TANK

150 Gallon Tank with agitation	P150 30A	50 lbs.	\$769.00
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FRAME

150 Gallon Skid Frame	9464036	110 lbs.	\$905.00
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PLUMBING

5 GPM Electric pump plumbing kit (pump included)	9465008	10 lbs.	\$879.00
4 Roller pump plumbing kit (1 Section) (engine/pump not included)	SMR	36 lbs.	\$741.00
Centrifugal plumbing kit (1 Section) (engine/pump not included)	9465009	36 lbs.	\$747.00
Centrifugal plumbing kit (1 Section) (3 HP Honda® engine/pump included)	9465129	36 lbs.	\$2,370.00

ENGINES

4 HP Honda®	GH4HP	30 lbs.	\$1,668.00
5.5 HP Honda® with centrifugal pump	DHC155H	65 lbs.	\$2,595.00

PUMPS

4 Roller pump	C4101	5 lbs.	\$265.00
4 Roller "Silver Cast" pump	XL4101	5 lbs.	\$696.00

BOOMS

12' Boom - 1 Section - 40" spacing	DB12	27 lbs.	\$363.00
18' Boom - 1 Section - 40" spacing	DB18	38 lbs.	\$511.00
21' Truss-T Boom spray tips not included - 3 Section	9488148	85 lbs.	\$1,099.00

ACCESSORIES

Hose Reel with 100' of 1/2" Hose. Reel will hold 200' (handgun included)	9428035	90 lbs.	\$1,118.00
1/2" Rubber Hose	120RB	per foot	\$2.97
Lawn and Turf handgun	25660-3	1 lbs.	\$178.00
LTL freight shipments require crating	CRATE		Net. \$63.00

*NOTE: All sprayers are partially preassembled
Boom may be removed for shipping*



BOOM - WITHOUT PLUMBING

12' Boom without Plumbing	DB12B	25 lbs.	\$279.00
18' Boom without Plumbing	DB18B	35 lbs.	\$399.00

BOOM - WITH PLUMBING 40" SPACING

80" Boom	80B25	10 lbs.	\$170.00
12' Boom	DB12	27 lbs.	\$363.00
Conversion kit changes DB12 from 40" to 20" spacing	9428173	27 lbs.	\$77.00
18' Boom	DB18	8 lbs.	\$511.00
Conversion kit changes DB18 from 40" to 20" spacing	9428174	27 lbs.	\$131.00

TRUSS-T BOOMS | 21' • 30' • 45'



*NOTE: 21' & 30' booms are partially preassembled.
45' boom is shipped unassembled.
Feeder lines not included.*

FEATURES

- Vertical and horizontal breakaway minimizes needless wear and tear
- All hose is 1/2" EPDM chemical resistant rubber
- Truss-T booms are available on 150, 200 & 300 gallon trailer sprayers and rear mounts

BOOM

NOTE: Order Spray Tips separately (see Components section)

21' Truss-T boom (without plumbing) Transport width 8'	9488145	85 lbs.	\$918.00
30' Truss-T boom (without plumbing) Transport width 8'	9488146	115 lbs.	\$1,081.00
45' Truss-T boom (without plumbing) Transport width 10'	9488147	170 lbs.	\$1,628.00
21' Truss-T boom (13 conventional nozzles) Transport width 8'	9488148	85 lbs.	\$1,099.00
30' Truss-T boom (19 conventional nozzles) Transport width 8'	9488149	115 lbs.	\$1,308.00
45' Truss-T boom (27 conventional nozzles) Transport width 10'	9488150	170 lbs.	\$1,865.00
21' Truss-T boom (13 TeeJet® drip free nozzles) Transport width 8'	9488151	85 lbs.	\$1,483.00
30' Truss-T boom (19 TeeJet® drip free nozzles) Transport width 8'	9488152	115 lbs.	\$1,856.00
45' Truss-T boom (27 TeeJet® drip free nozzles) Transport width 10'	9488153	170 lbs.	\$2,636.00

ACCESSORIES

Convert a 21' Boom to a 30' Boom with Conventional Nozzles	DB30TEX	30 lbs.	\$220.00
Convert a 21' Boom to a 30' Boom with TeeJet® Drip Free Nozzles	DB30TEXDF	30 lbs.	\$404.00
Convert a 21' Boom to a 30' Boom without Plumbing	DB30TEXB	26 lbs.	\$165.00
Electric Wing Tilt	9428183	4 lbs.	\$2,726.00



FEATURES

- Ideal for small acreage spraying
- Vertical and horizontal breakaway minimizes needless wear and tear
- All hose is 3/4" EPDM chemical resistant rubber

NOTE: Booms are unassembled. Factory setup is available. Demco flotation mechanism (DBFT) is recommended for truss boom.

HOW TO ORDER: Choose: 1. Boom 2. Boom Plumbing 3. Accessories

BOOM WITHOUT PLUMBING

30' Truss Boom without Plumbing	DB30B	272 lbs.	\$2,384.00
45' Truss Boom without Plumbing	DB45B	305 lbs.	\$3,107.00
30' Truss Boom with TeeJet® Drip Free Plumbing (19 nozzles)	DB30DF	281 lbs.	\$3,212.00
45' Truss Boom with TeeJet® Drip Free Plumbing (27 nozzles)	DB45DF	322 lbs.	\$4,145.00

ACCESSORIES

Factory setup	SUDB		Net. \$341.00
Flotation Mechanism	DBFT	112 lbs.	\$1,339.00
Auto Boom Leveler	DBSAL	50 lbs.	\$934.00
Hydraulic Height Adjuster for trailer and rear mount models (24" travel)	9428009	190 lbs.	\$1,822.00
Hydraulic Boom Wing Leveling	DBHY	26 lbs.	\$969.00
Wheel Assisted Boom Tip Protectors	DBTP	27 lbs.	\$334.00
Fence Line Spray Kit, Electric	9428002	5 lbs.	\$267.00
Fence Line Spray Kit, Manual	9428003	5 lbs.	\$128.00

FEATURES

- The hydraulic X-fold boom requires two sets of remote outlets
- **NEW** Center pilot design for auto leveling ride
- Spring loaded cable ride for cushioning and less swing **NEW HEAVY-DUTY SPRING**
- Hydraulic boom wing leveling.
- Wings fold independently.
- Outer wing breakaway
- Easy access to 3-point pins and hydraulic hookups.
- Available in three versions: 3-point tractor mount, trailer mount or rear mounted tank unit
- Transport width: 10' 8"
- Transport height: 12' 4" estimated (at a 20" spraying height 60' boom) 9' 11" estimated (at a 20" spraying height 45' boom)
- All booms are available with 3/4" high volume plumbing and TeeJet® drip free diaphragm check nozzles with stainless steel hose clamps spaced at 20"
- **NEW** Tips are center inside of boom for better protection
- Trailer mounts include
- **NEW** hydraulic height adjuster (24" travel) and **NEW** nitrogen charged accumulator boom suspension



*NOTE: Factory setup is standard.
Wings may be removed for shipping.*

HOW TO ORDER: Choose: 1. Boom 2. Boom Plumbing 3. Accessories

BOOM WITHOUT PLUMBING

NOTE: If a 60' boom is ordered, Demco recommends the 80-120" wheel spacing trailer.

45' Hydraulic X-Fold Boom Rear Mount	9488155	1160 lbs.	\$9,712.00
45' Hydraulic X-Fold Boom Trailer Mount (Includes Height Adjuster)	9488156	1250 lbs.	\$14,650.00
60' Hydraulic X-Fold Boom 3-Point Mount	9488157	1275 lbs.	\$12,791.00
60' Hydraulic X-Fold Boom Rear Mount	9488158	1275 lbs.	\$12,448.00
60' Hydraulic X-Fold Boom Trailer Mount (Includes Height Adjuster)	9488159	1320 lbs.	\$16,222.00

BOOM PLUMBING

NOTE: Order Spray Tips separately (see Components section)

TeeJet® Drip Free (27 nozzles) for 45' Hydraulic X-Fold Boom	9428184	20 lbs.	\$1,372.00
TeeJet® Drip Free (37 nozzles) for 60' Hydraulic X-Fold Boom	9428185	25 lbs.	\$1,648.00
TeeJet® Triple Drip Free (27 nozzles) for 45' Hydraulic X-Fold Boom	9428186	23 lbs.	\$1,841.00
TeeJet® Triple Drip Free (37 nozzles) for 60' Hydraulic X-Fold Boom	9428187	28 lbs.	\$2,372.00

ACCESSORIES

3-Point Boom Storage Stand	9488160	75 lbs.	\$707.00
Hydraulic Height Adjuster for rear mount models (24" travel)	9428188	210 lbs.	\$2,450.00
Fence Line Spray Kit, Electric	9428002	5 lbs.	\$267.00
Fence Line Spray Kit, Manual	9428003	5 lbs.	\$128.00
Light Kit	9428084	10 lbs.	\$473.00
LTL freight shipments require crating	CRATE2		Net. \$104.00

THREE POINT MOUNTS | 150 • 200 • 300 GALLON



300 gallon shown



Three section electric solenoid valve and control



One section electric

FEATURES

- Tanks include jet agitation, molded sight gauge, sump, fillwell with no-splash cover
- Category "1" and "2" - 150 and 200 gallon
- Category "2" and "3" - 300 gallon
- May be used with a "Quick Attach" three point hookup
- Retractable stand
- 21', 30' and 45' Truss-T booms feature vertical and horizontal boom breakaway, no drip diaphragm check nozzles spaced at 20"
- Handgun with 25' of hose (optional)

NOTE: Boom may be removed for shipping

HOW TO ORDER: Choose in this order: 1. Frame 2. Pump 3. Plumbing 4. Controls 5. Boom 6. Accessories

FRAME

Three Point Mount with 150 Gallon Tank	9416027	190 lbs.	\$2,616.00
Three Point Mount with 200 Gallon Tank	9416026	200 lbs.	\$2,921.00
Three Point Mount with 300 Gallon Tank	9416025	473 lbs.	\$4,330.00

BOOMS

NOTE: Order spray tips separately (See components section)

21' Boom - 3 section	9488151	85 lbs.	\$1,483.00
30' Boom - 3 section	9488152	115 lbs.	\$1,856.00
45' Boom - 3 section	9488153	170 lbs.	\$2,636.00
BoomJet® Nozzle Bracket Kit (nozzle not included) - 1 section	9464050	5 lbs.	\$135.00
2 Nozzle Boomless Kit - sprays approximately 30' (tips included) - 1 section	9428201	13 lbs.	\$425.00

PUMP AND PLUMBING KIT (LESS CONTROLS)

PTO Mounted 8 Roller Pump and Plumbing Kit Boomless - 1 section	9465064	28 lbs.	\$789.00
PTO Mounted 8 Roller Pump and Plumbing Kit - 3 section	9465066	56 lbs.	\$876.00
Centrifugal Pump Plumbing Kit - 3 section - (Pump not included)	9465068	65 lbs.	\$602.00
Hypro® Gear Drive - 540 RPM	C9006 540	44 lbs.	\$1,533.00
Ace Hydraulic Pump (FMC155HYD206) (hoses included)	9425057	44 lbs.	\$1,713.00

CONTROLS

Manual - 1 section	9465054	2 lbs.	\$105.00
Electric - 1 section	9465055	5 lbs.	\$335.00
Manual - 3 section	9465056	5 lbs.	\$275.00
Electric - 3 section	9465057	15 lbs.	\$1,276.00

ACCESSORIES

Factory Setup	SURMU		\$418.00
Handgun (includes 25' of 1/2" hose)	DBHGR	13 lbs.	\$347.00
Hose Reel 12" with 100' of 1/2" hose (includes handgun)	9465132		\$1,118.00
LTL freight shipments require crating	CRATE1		Net. \$73.00
Bottom Fill Kit	6383		\$257.00

THREE POINT MOUNT | 300 • 400 • 500 GALLON



FEATURES

- Tanks include jet agitation, molded sight gauge, sump and fillwell with no-splash cover
- Category “2” or “3” rear mount brackets may be used with “Quick Attach” three point hookup
- Large, convenient platform with safety rail and ladder for easy filling of the tank
- Retractable, built-in ground stand for storage when empty
- A clean water tank is conveniently mounted on the rear mount unit
- Available with three section electric controls for boom spraying



500 gallon shown

HOW TO ORDER: Choose in this order: 1. Frame 2. Tank 3. Pump 4. Plumbing 5. Controls 6. Boom 7. Accessories

FRAME

300 Gallon Frame	RMLE300P	615 lbs.	\$3,523.00
400 Gallon Frame	RMLE400P	640 lbs.	\$3,643.00
500 Gallon Frame	RMLE500P	660 lbs.	\$3,749.00

TANK

300 Gallon Tank	PE300RA	120 lbs.	\$1,690.00
400 Gallon Tank	PE400RA	135 lbs.	\$2,016.00
500 Gallon Tank	PE500RA	180 lbs.	\$2,512.00

PUMPS

Ace Hydraulic Pump (FMC155HYD206) (hoses included)	9425057	44 lbs.	\$1,713.00
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PLUMBING

Plumbing Kit (3 section)	9465059	28 lbs.	\$577.00
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CONTROLS

TeeJet 744 Control - 3 Section Electric - Plunger Valve	9428175	26 lbs.	\$2,343.00
TeeJet 744 Control - 3 Section Electric - Ball Valve	9428129	35 lbs.	\$3,084.00
3 section electric (ball valve) less Raven® 450 sprayer controller (wheel sensor not included)	9428176	45 lbs.	\$5,174.00
3 section electric (ball valve) with Raven® 450 sprayer controller (wheel sensor not included)	9428115	45 lbs.	\$11,926.00
Astro II GPS Speed Sensor (included in 9428115)	14071	1 lbs.	\$718.00
TeeJet® 845 Regulator, Flo Meter, Harness, 3 Motor Valves	9428191		\$6,053.00

BOOMS

Spray Tips Not Included

45' X-Fold Boom - without plumbing	9488155	1160 lbs.	\$9,712.00
Plumbing TeeJet® Drip Free	9428184	20 lbs.	\$1,372.00
Plumbing TeeJet® Triple Drip Free	9428186	23 lbs.	\$1,841.00
60' X-fold Boom - without plumbing	9488158	1275 lbs.	\$12,448.00
Plumbing TeeJet® Drip Free	9428185	25 lbs.	\$1,648.00
Plumbing TeeJet® Triple Drip Free	9428187	28 lbs.	\$2,372.00

ACCESSORIES

Factory Setup	SURML		\$1,019.00
Hydraulic Height Adjuster (24" travel) (for X-fold booms)	9428188	210 lbs.	\$2,450.00
Fence Line Spray Kit, Electric	9428002	5 lbs.	\$267.00
Fence Line Spray Kit, Manual	9428003	5 lbs.	\$128.00
Quick Refill (utilizes nurse tank transfer pump for refilling)	CPTK1	15 lbs.	\$301.00
Handgun (includes 25' of 3/8" hose)	DBHGL	13 lbs.	\$375.00
Foam Marker Mounting Kit	9428036	25 lbs.	\$148.00
33 Gallon Foam Marker (requires mounting kit)	9428156	107 lbs.	\$2,878.00
Feeder Line Filter Kit (60 mesh)	9428068	3 lbs.	\$206.00

NOTE: Booms may be removed for shipping.

THREE POINT MOUNT | 500 • 600 GALLON



FEATURES

- 500 or 600 gallon tank with 16 inch fillwell, jet agitation, molded sight gauge, and large centered drainage sump
- Category “3” or “4” rear mount brackets may be used with “Quick Attach” three point hookup
- Retractable, built-in ground stand for storage when empty
- A clean water tank is conveniently mounted on the RM unit
- Available with 45, 60, 66 or 80/90’ front fold booms
- Approximate shipping weight 60 - 5110 lbs, 80/90’ - 5710 lbs.
- Transport width 12’



*NOTE: Factory setup is standard.
Order spray tips separately.*



HOW TO ORDER: Choose in this order: 1. Frame/Tank 2. Pump 3. Plumbing 4. Controls 5. Boom 6. Accessories

FRAME

500 Gallon Frame/Tank - Charcoal	9416028	1400 lbs.	\$9,638.00
500 Gallon Frame/Tank - Yellow	9416029	1400 lbs.	\$9,638.00
600 Gallon Frame/Tank - Charcoal	9416030	1503 lbs.	\$10,045.00
600 Gallon Frame/Tank - Yellow	9416031	1503 lbs.	\$10,045.00

PUMPS

Ace Hydraulic Pump (FMC155HYD304) (hose kit included)	9425068	70 lbs.	\$2,153.00
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PLUMBING/PUMP MOUNT/BALL VALVES

Raven® Flow Meter, Regulator and Plumbing - 3 section	9425078		\$5,208.00
Raven® Flow Meter, Regulator and Plumbing - 5 section	9425081		\$5,950.00
TeeJet® Regulator, Flo Meter, Harness, Valves and Plumbing - 3 section	9425099		\$3,675.00
TeeJet® Regulator, Flo Meter, Harness, Valves and Plumbing - 5 section	9425100		\$4,593.00

CONTROLS

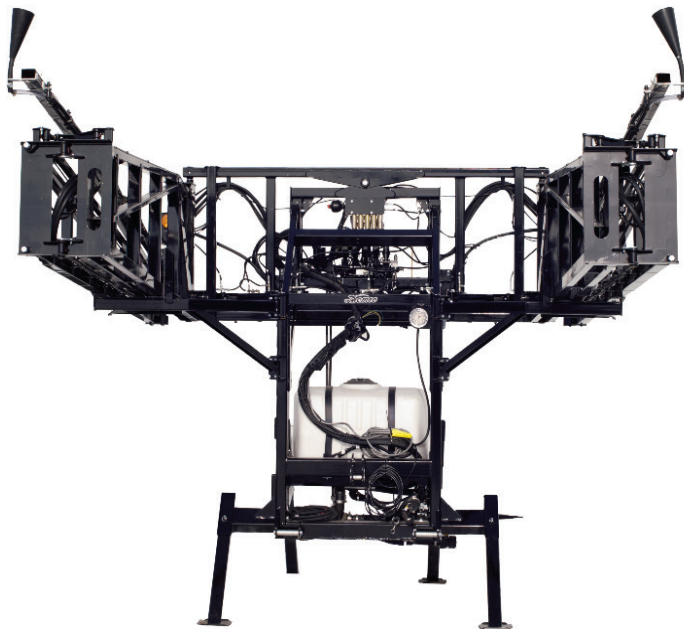
Raven® 450 Rate Controller * Includes Astro II GPS 14071	9425093		\$6,773.00
TeeJet® 845 w/ GPS Speed	9425102		\$3,592.00

BOOMS

45' Front Fold Boom w/o Plumbing	9488139		\$19,885.00
Plumbing TeeJet® Drip Free	9428118	20 lbs.	\$1,372.00
Plumbing TeeJet® Triple Drip Free	9428121	23 lbs.	\$1,806.00
60' Front Fold Boom w/o Plumbing	9488140		\$20,685.00
Plumbing TeeJet® Drip Free	9428108	25 lbs.	\$1,648.00
Plumbing TeeJet® Triple Drip Free	9428109	28 lbs.	\$2,399.00
66' Front Fold Boom w/o Plumbing	9488141		\$21,325.00
Plumbing TeeJet® Drip Free	9428120	25 lbs.	\$1,718.00
Plumbing TeeJet® Triple Drip Free	9428123	30 lbs.	\$2,516.00
60'/80'/90' Front Fold Boom w/o Plumbing (Tractor must be equipped with closed center hydraulic system.)	9488142		\$35,619.00
<i>NOTE: Warranty is void if mounted on track units.</i>			
TeeJet® Drip Free Plumbing for 60'/80'/90' Boom	9428159		\$2,143.00
TeeJet® Triple Drip Free Plumbing for 60'/80'/90' Boom	9428160		\$3,286.00

ACCESSORIES

45'/60'/66' - Foam Marker Mounting Kit	9428170	20 lbs.	\$71.00
45'/60'/66' - 33 Gallon Foam Marker with Charcoal Tank	9428167	107 lbs.	\$2,878.00
45'/60'/66' - Wheel Assisted Boom Tip Protectors	9488013	27 lbs.	\$275.00
60'/80'/90' - Foam Marker Mounting Kit	9428170	20 lbs.	\$71.00
60'/80'/90' - 33 Gallon Foam Marker with Charcoal Tank	9428168	111 lbs.	\$3,022.00
60'/80'/90' - Hydraulic Glide Suspension System	9428152		\$5,601.00
Chemical Eductor Vacuum Flow	9428198	5 lbs.	\$2,100.00
55 Gallon Charcoal Tank and Mounting for Flushing	9428199	5 lbs.	\$1,534.00
55 Gallon Yellow Tank and Mounting for Flushing	9428200	125 lbs.	\$1,534.00



Extended rear axle spindle mount allows weight to be shifted to the rear, relieving stress on the tractor's front axle and chassis. Units will fit on tractors with or without front duals. Rear duals are required.



FEATURES

- 3 point 80/90' hydraulic front fold boom with leveling linkage and shock absorbers to soften the ride. Live hydraulic control block requires only one set of remote outlets to perform all boom functions
- Boom can be folded to spray in a 60' or an unfolded 80/90' width.
- Unique hydraulic glide suspension system makes the boom wings weightless (see page 15 for details)
- Quick & easy - 3-point (category II or III) rear mount hookup with quick couple plumbing and jack stands for easy installation and removal
- Easy access control panel - makes easy work of preparation, refilling and clean-up
- 100 gallon rinse tank - thoroughly flushes entire system

SPECIFICATIONS

GROUND CLEARANCE: 30"

APPROX WEIGHT: 3870 lbs.

TRANSPORT WIDTH: 16' 11"



HOW TO ORDER: Choose in this order: 1. Tank & Brackets 2. Mounting Brackets 3. 3-Point Frame 4. Pump 5. Plumbing 6. Booms 7. Boom Plumbing 8. Accessories

FRAME

3-Point Frame	9488131		\$6,165.00
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PUMPS

Ace Hydraulic Pump (FMC155HYD304)(hose kit included)	9425068	33 lbs.	\$2,153.00
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PLUMBING/PUMP MOUNT/BALL VALVES

Raven® Flow Meter, Regulator, & Trailer Wire Harness w/5 Motorized Valves & Plumbing (7 valves max.)	9425084		\$8,758.00
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CONTROLS

Raven® 450 Rate Controller , Power Cable, and Astro II GPS Speed Sensor 1Hz	9425088		\$6,773.00
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TeeJet® Regulator, Flo Meter, Harness, 5 Motor Valves	9425101		\$7,730.00
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TeeJet® 845 w/ GPS Speed	9425102		\$3,592.00
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BOOM

NOTE: Warranty is void if mounted on track units.

60', 80/90' Combination Hydraulic Front Fold Boom (Tractor must be equipped with closed center hydraulic system.)	9488142		\$35,619.00
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Plumbing TeeJet® Drip Free	9428159		\$2,143.00
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Plumbing TeeJet® Triple Drip Free	9428160		\$3,286.00
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ACCESSORIES

33 Gallon Charcoal Foam Marker	9428168	111 lbs.	\$3,022.00
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33 Gallon Yellow Foam Marker	9428157	111 lbs.	\$3,022.00
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Hydraulic Glide Suspension System (factory installed only) (Tractor must be equipped with closed center hydraulic system)	9428152	20 lbs.	\$5,601.00
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Fence Line Spray Kit, Electric	9428002	5 lbs.	\$267.00
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36" Row Spacing Kit	6044		\$862.00
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Tank Sight Gauge (Kit to do one tank)	6202		\$47.00
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NOTE: Tractors with after market dual hubs may require different mounting bolts

Hub spacer assembly is designed for tractors with 520 or narrower rear tractor tires

Front fenders need to be removed on most models

Factory setup is standard for 3-point frame and boom assembly

Not applicable on tractors with mid frame hydraulics and front 3-point

All factory setup units are tested to 90 PSI. 15" nozzle spacing available by special order. Warranty void if mounted on track units

**Tractors equipped with Aftermarket LSW tires require a 2nd hub from JD and a spacer ring for hub*

**Not applicable on JD 20 Series Models with 46" rear tires*

PULL TYPE | 150 • 200 GALLON



FEATURES OF 150 & 200 GALLON SPRAYERS

- Elliptical tank features jet agitation, sump, and molded sight gauge
- Walking tandem axles with 22 x 11 x 8 pneumatic tires,
- 2" ball coupler hitch
- 2 1/2 gallon clean water tank is mounted for added safety

FOUR BOOMS AVAILABLE:

- 150/200 Gallon: 21' - 30' - 45' TrussT
- 20 Gallon: 45' - 60' Front Fold

SPECIFICATIONS

WHEEL SPACING TANDEM: 44" to 90" centers

TRANSPORT WIDTH: 8': 21' & 30', 10': 45' & 60'

GROUND CLEARANCE: 18"

HOW TO ORDER: Choose in this order: 1. Tank/Trailer Frame Assembly with Tires 2. Pump and Plumbing 3. Controls 4. Boom 5. Accessories

TANK/TRAILER FRAME ASSEMBLY

150 Gallon Tandem Axle Tank and Trailer Assembly	9464122	580 lbs.	\$6,145.00
200 Gallon Tandem Axle Tank and Trailer Assembly	9464124	610 lbs.	\$6,494.00

PUMPS AND PLUMBING KIT (LESS CONTROLS) *NOTE: For Pump Specifications, see Components section*

5.5 HP Honda® Gas Engine with Centrifugal Pump and Plumbing Kit	9465029	75 lbs.	\$3,346.00
PTO Mounted 6 Roller Pump and Plumbing Kit for 21' & 30' Boom	9970100	35 lbs.	\$989.00

CONTROLS

Manual Control Valves	9465037	5 lbs.	\$281.00
Electric Control Panel with Plunger Valves	9465069	15 lbs.	\$2,227.00
Raven® 450 Sprayer Control with Ball Valves (Includes Astro II GPS - 14071)	9428106	15 lbs.	\$10,727.00
Raven 450 Control Less Console/Wheel Sensor	9428182		\$4,068.00
TeeJet® 845 Monitor	9428189		\$6,094.00

BOOMS *NOTE order spray tips separately (see components section)*

21' Truss-T	9488151	85 lbs.	\$1,483.00
30' Truss-T	9488152	115 lbs.	\$1,856.00
45' Truss-T	9488153	170 lbs.	\$2,636.00
45' Front Fold Boom w/o Plumbing	9488144	565 lbs.	\$5,678.00
Plumbing	9428180	20 lbs.	\$997.00
60' Front Fold Boom w/o Plumbing	9488143	600 lbs.	\$6,197.00
Plumbing	9428178	25 lbs.	\$1,348.00

ACCESSORIES

Factory setup with 21', 30', and 45' Boom	SU157		Net. \$611.00
Factory setup with 45' & 60' Boom	SU341		Net. \$902.00
Astro II GPS Speed Sensor 1Hz (for use with Raven® 450 and Tee Jet)	14071	1 lbs.	\$718.00
Hose Reel with 100' of 1/2" Hose. Reel will hold 200' (handgun included)	DHR	95 lbs.	\$1,246.00
Handgun	DBHGL	13 lbs.	\$375.00
Fence Line Spray Kit, Manual	9428003	5 lbs.	\$128.00
Feeder Line Filter	9428068		\$206.00
Electric Boom Wing Leveling - 45' & 60' Front Fold	9428181		\$2,572.00

NOTE: Boom may be removed for shipping



FEATURES

- Elliptical tank with two dual jet agitators and sump
- Large convenient step and work platform with safety rail
- A clean water tank is conveniently mounted on each 300 gallon frame
- The DEMCO DBFT flotation boom mechanism is required on 300 gallon "Deluxe" sprayers
- 3 section manual or electric boom controls

SPECIFICATIONS

GROUND CLEARANCE: 27"
WHEEL SPACINGS: 60" to 80"



HOW TO ORDER: Choose in this order: 1. Tank 2. Trailer Frame 3. Pump 4. Plumbing 5. Controls 6. Boom 7. Accessories

TANK

300 Gallon Tank	PE300RA	120 lbs.	\$1,690.00
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TRAILER FRAME

300 Gallon Single Axle Trailer with T11LTires (60" - 80" wheel spacing)	HCMETR	1080 lbs.	\$4,429.00
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PUMPS

Hypro® 5 Roller Pump	C1700D	19 lbs.	\$815.00
Hypro® "Silver Cast" 5 Roller Pump	XL1700D	19 lbs.	\$1,925.00
Hypro® Gear Drive Pump with Constant Velocity PTO Shaft (C9016 540)	9425015	69 lbs.	\$2,369.00
Ace Hydraulic Pump (FMC155HYD206) (hoses included)	9425057	44 lbs.	\$1,713.00

PLUMBING / PUMP MOUNT

Roller Pump Kit (Manual Controls included)	9425002	44 lbs.	\$943.00
Hypro® Gear Drive Centrifugal Kit	9425043	60 lbs.	\$924.00
Hypro® Hydraulic Centrifugal Kit	9425004	49 lbs.	\$914.00

CONTROLS

Manual Control Valves for Centrifugal Pumps	CP3B3HV	22 lbs.	\$1,090.00
Electric Plunger Control Valves for Centrifugal Pumps	9428175	26 lbs.	\$2,343.00

BOOMS

NOTE: Order Spray Tips separately (see Component Section)

Truss-T Booms

21' Truss-T Booms	9488151		\$1,483.00
30' Truss-T Booms	9488152	272 lbs.	\$1,856.00
45' Truss-T Booms	9488153	305 lbs.	\$2,636.00
Boomless Jet Nozzle Bracket (5880 nozzle not included)	9464007		\$135.00

Truss Booms

30' Truss Booms	DB30DF		\$3,212.00
45' Truss Booms	DB45DF	272 lbs.	\$4,145.00
Flotation Boom Mechanism <i>*required on Truss Booms</i>	DBFT	112 lbs.	\$1,339.00
Weight Kit <i>*required on Truss Booms</i>	6263	112 lbs.	\$1,230.00

Front Fold Booms

45' Front Fold Boom w/o Plumbing	9488144	565 lbs.	\$5,678.00
Plumbing	9428180	20 lbs.	\$997.00
60' Front Fold Boom w/o Plumbing	9488143	600 lbs.	\$6,197.00
Plumbing	9428178	25 lbs.	\$1,348.00
Weight Kit <i>*required on Front Fold Booms</i>	6263		

ACCESSORIES

Factory setup	SU341		Net. \$902.00
Truss Boom - Wheel Assisted Boom Tip Protectors * Not needed for 45' and 60' Front Fold	DBTP	27 lbs.	\$334.00
Truss Boom - Auto Boom Leveler	DBSAL	50 lbs.	\$934.00
Truss Boom - Hydraulic Height Adjuster (24" travel)	9428009	190 lbs.	\$1,822.00
Truss Boom - Hydraulic Boom Wing Leveling	DBHY	26 lbs.	\$969.00
45' & 60' Front Fold - Electric Boom Wing Leveling	9428183		\$2,726.00
Fence Line Spray Kit, Electric	9428002	5 lbs.	\$267.00
Fence Line Spray Kit, Manual	9428003	5 lbs.	\$128.00
Handgun (includes 25' of 1/2" hose)	DBHG	13 lbs.	\$375.00
Foam Marker	9428156		\$2,878.00

NOTE: Sprayer is less spray tips. Factory setup is available. Boom may be removed for shipping. Centrifugal pump recommended for 60' boom



Check tractor horsepower and hydraulics capabilities

Hydraulic front fold booms feature a nitrogen charged accumulator system combined with leveling linkage and shock absorbers to soften the ride. Live hydraulic control block requires only one set of remote outlets to perform all boom functions.



FEATURES

- 600 gallon tank with 16" fill wells, large center drain sump and high volume jet agitator
- External liquid site gauge
- 55 GAL rinse tank standard and 2 ½ gallon hand wash
- Fold away ladder provided easy access to work platform
- Short hitch pin to axle length 130" for superior tracking
- Single tube hitch frame with an adjustable tongue with 7" of total adjustment
- 13.6 X 38 bias tires
- Pump and plumbing are front mount allowing for easy maintenance
- 50 mesh main filter and 60 mesh feeder line filters prevent tip plugging
- 160 lb. glycerin filled gauge
- 2" quick coupler for bottom filling tanks
- 60' or 45' FF or 60' or 45' x-fold is available.
- Front fold boom is available with a pendant or non-pendant options.
- Booms feature hydraulic wing fold, height adjust, wing leveling and outer wing breakaway

SPECIFICATIONS

GROUND CLEARANCE: 28" (estimated)

TRANSPORT WIDTH: 9'6"



Pendant boom control with live hydraulic front fold models



Electric motorized ball valves



7 gallon chemical eductor and the 33 gallon foam marker are optional

HOW TO ORDER: Choose in this order: 1. Tank & Trailer Frame w/Tires 2. Pump 3. Controls & Plumbing 4. Boom & Accessories 5. Accessories

TRAILER ASSEMBLY WITH TANK

Includes 38" wheels & tires

600 Gallon 38" Big Wheel Tank & Trailer Assembly (62"-120" Spacing) black **9411142-72** \$15,677.00

PUMPS

Ace Hydraulic Pump (FMC155HYD206) (Hoses Included) **9425105** \$1,713.00

PLUMBING

Motorized Ball Valves (control console included) **9425075** 35 lbs. \$3,646.00

Raven® Flow Meter, Regulator, & Trailer Wire Harness w/3 Motorized Valves & Plumbing (7 valves maximum) **9425078** \$5,208.00

TeeJet® Regulator, Flo Meter, Harness, 3 Motor Valves **9425099** \$3,675.00

CONTROLS

Raven® 450 Automatic Rate Control, Cable and Speed Sensor *Includes Astro II GPS - 14071 **9425093** \$6,773.00

TeeJet® 845 with GPS Speed **9425102** \$3,592.00

BOOMS

45' Front Fold Boom w/o Pendant **9488161** \$19,077.00

45' Front Fold Boom w/ Pendant **9488164** \$20,548.00

Plumbing TeeJet® Drip Free **9428118** 20 lbs. \$1,372.00

Plumbing TeeJet® Triple Drip Free **9428121** 23 lbs. \$1,806.00

60' Front Fold Boom w/o Pendant **9488162** \$20,014.00

60' Front Fold Boom w/ Pendant **9488165** \$21,485.00

Plumbing TeeJet® Drip Free **9428108** 25 lbs. \$1,648.00

Plumbing TeeJet® Triple Drip Free **9428109** 28 lbs. \$2,399.00

66' Front Fold Boom w/o Pendant **9488163** \$20,548.00

66' Front Fold Boom w/ Pendant **9488166** \$22,052.00

Plumbing TeeJet® Drip Free **9428120** 25 lbs. \$1,718.00

Plumbing TeeJet® Triple Drip Free **9428123** 30 lbs. \$2,516.00

45' X-Fold Boom **9488167** \$14,650.00

Plumbing TeeJet® Drip Free **9428184** 20 lbs. \$1,372.00

Plumbing TeeJet® Triple Drip Free **9428186** 23 lbs. \$1,841.00

60' X-Fold Boom **9488168** \$16,222.00

Plumbing TeeJet® Drip Free **9428185** 25 lbs. \$1,648.00

Plumbing TeeJet® Triple Drip Free **9428187** 28 lbs. \$2,372.00

ACCESSORIES

45'/60'/66' - Foam Marker Mounting Kit **9428170** 20 lbs. \$71.00

45'/60'/66' - 33 Gallon Foam Marker with Charcoal Tank **9428167** 107 lbs. \$2,878.00

45'/60'/66' - Wheel Assisted Boom Tip Protectors **9488013** 27 lbs. \$275.00

60'/80'/90' - Foam Marker Mounting Kit **9428170** 20 lbs. \$71.00

Wheel Assisted Boom Tip Protectors **9488013** 27 lbs. \$275.00

33 Gallon Foam Marker Yellow Tank **9428196** \$2,878.00

Chemical Educator **9428197** \$2,100.00

*NOTE: Sprayer is less spray tips.
All factory setup units are tested to 90 PSI.
15" nozzle spacing available by special order.*



Check tractor horsepower and hydraulics capabilities

Hydraulic front fold booms feature a nitrogen charged accumulator system combined with leveling linkage and shock absorbers to soften the ride. Live hydraulic control block requires only one set of remote outlets to perform all boom functions.



Pendant boom control with live hydraulic front fold models



Electric motorized ball valves



7 gallon chemical eductor and the 33 gallon foam marker are optional

FEATURES

- Tanks have a 16" flip-top lid and 2 high volume jet agitators, molded-in trough drains spills to rear of sprayer
- 100 gallon 2 stage sump provides optimum tank drainage and decreases sloshing
- External liquid site gauge
- 120 gallon rear mounted rinse tank and 2 1/2 gallon hand wash tank
- Fold-away ladder provides easy access to the large work platform for added safety when filling tank
- One of the shortest "hitch pin to axle" lengths in the industry - 140"
- Large storage compartment conveniently located for storing extra nozzles, clamps, etc.
- Single tube hitch frame allows for improved turning - can be adjusted vertically in 1 1/2" increments
- 13.6 x 38 bias tires
- Pump and plumbing are center mounted allowing for shorter hoses and improved pump priming
- 50 mesh main filter and 60 mesh feeder line filters prevent tip plugging
- 160 lb. glycerin-filled gauge
- 2" quick couplers for bottom filling tanks
- The Hydraulic pendant/block can be used with open or closed center tractor hydraulic systems
- Booms feature independent wing fold, hydraulic height adjust, wing leveling and outer wing breakaway
- All booms have stainless steel boom and hose clamps
- Light system consists of flasher / turn signal and taillights for added road safety
- Booms are available with 3/4" high volume plumbing and TeeJet® diaphragm check nozzles spaced at 20"

SPECIFICATIONS

GROUND CLEARANCE: 30"

APPROX WEIGHT: 6100 lbs.

TRANSPORT WIDTH: 9'6"

HOW TO ORDER: Choose in this order: 1. Tank & Trailer Frame w/Tires 2. Pump 3. Controls & Plumbing 4. Boom & Accessories 5. Accessories

TRAILER ASSEMBLY WITH TANK

Includes 38" wheels & tires

850 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Red)	9411134-10		\$31,460.00
850 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Black)	9411134-72		\$31,460.00
850 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	9411135-10		\$32,595.00
850 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	9411135-72		\$32,595.00
1050 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Red)	9411139-10		\$33,870.00
1050 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Black)	9411139-72		\$33,870.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	9411140-10		\$36,280.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	9411140-72		\$36,280.00

PUMP

Ace Hydraulic Pump with Silicone Carbide Seal & Flanged ports (FMC155HYD304) (hoses included)	9425074	38 lbs.	\$2,246.00
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PLUMBING

Motorized Ball Valves (control console included)	9425075	35 lbs.	\$3,646.00
Raven® Flow Meter, Regulator, & Trailer Wire Harness w/3 Motorized Valves & Plumbing (7 valves maximum)	9425078		\$5,208.00
TeeJet® Regulator, Flo Meter, Harness, 3 Motor Valves	9425099		\$3,675.00

CONTROLS

Raven® 450 Automatic Rate Control, Cable and Speed Sensor *Astro II Included 14071	9425093		\$6,773.00
TeeJet® 845 with GPS Speed	9425102		\$3,592.00

BOOMS

45' Front Fold Boom w/o Plumbing	9488132		\$20,548.00
Plumbing TeeJet® Drip Free	9428118	20 lbs.	\$1,372.00
Plumbing TeeJet® Triple Drip Free	9428121	23 lbs.	\$1,806.00
60' Front Fold Boom w/o Plumbing	9488134		\$21,485.00
Plumbing TeeJet® Drip Free	9428108	25 lbs.	\$1,648.00
Plumbing TeeJet® Triple Drip Free	9428109	28 lbs.	\$2,399.00
66' Front Fold Boom w/o Plumbing	9488135		\$22,052.00
Plumbing TeeJet® Drip Free	9428120	25 lbs.	\$1,718.00
Plumbing TeeJet® Triple Drip Free	9428123	30 lbs.	\$2,516.00
Wheel Assisted Boom Tip Protectors	9488013	27 lbs.	\$275.00

ACCESSORIES

Astro II GPS Speed Sensor 1Hz (for use with Raven® 450)	14071	1 lbs.	\$718.00
2" Flow Meter with digital display for tank fill	9428163	5 lbs.	\$1,890.00
33 Gallon Foam Marker Charcoal Tank	9428167	107 lbs.	\$2,878.00
33 Gallon Foam Marker Yellow Tank	9428156	107 lbs.	\$2,878.00
Chemical Eductor Vacuum Flow	9428164	125 lbs.	\$2,611.00
Fence Line Spray Kit, Electric	9428002	5 lbs.	\$267.00
Fence Line Spray Kit, Manual	9428003	5 lbs.	\$128.00

NOTE: *Sprayer is less spray tips.
All factory setup units are tested to 90 PSI.
15" nozzle spacing available by special order.*

PULL TYPE | 1050 • 1250 GALLON



Check tractor horsepower and hydraulics capabilities

Hydraulic front fold booms

The hydraulic front fold booms feature a nitrogen charged accumulator system combined with leveling linkage and shock absorbers to soften the ride. Live hydraulic control block requires only one set of remote outlets to perform all boom functions.



Raven® 450 sprayer control system



Astro II GPS Speed Sensor for use with Raven® 450



Pendant boom control with live hydraulic front fold models



2" Flow Meter with digital display



7 gallon chemical eductor and the 33 gallon foam marker are optional

FEATURES

- Tanks have a 16" flip-top lid and 2 high volume jet agitators, molded-in trough drains spills to rear of sprayer
- 100 gallon 2 stage sump provides optimum tank drainage and decreases sloshing
- External liquid site gauge
- 120 gallon rear mounted rinse tank and 2 1/2 gallon hand wash tank
- Fold-away ladder provides easy access to the large work platform for added safety when filling tank
- One of the shortest "hitch pin to axle" lengths in the industry - 140"
- Large storage compartment conveniently located for storing extra nozzles, clamps, etc.
- Single tube hitch frame allows for improved turning - can be adjusted vertically in 1 1/2" increments
- 320 / 90R46 radial tires provide a smooth ride and low field compaction
- Pump and plumbing are center mounted allowing for shorter hoses and improved pump priming
- 50 mesh main filter and 60 mesh feeder line filters prevent tip plugging
- 160 lb. glycerin-filled gauge
- 2" quick couplers for bottom filling tanks
- The Hydraulic folding pendant/block designed for closed center tractor hydraulic systems
- Booms feature 2 stage wing fold, hydraulic height adjust, wing leveling and outer wing breakaway
- Booms are available with 3/4" high volume plumbing and TeeJet® diaphragm check nozzles spaced at 20"
- Booms can be folded to spray in a 60' or an unfolded 80/90' width
- All booms have stainless steel boom and hose clamps
- Light system consists of flasher/turn signal and taillights for added road safety

SPECIFICATIONS

GROUND CLEARANCE: 30"

APPROX WEIGHT: 1050 - 6700 lbs.

1250 - 7600 lbs.

TRANSPORT WIDTH: 12'

HOW TO ORDER: Choose in this order: 1. Tank & Trailer Frame w/Tires 2. Pump 3. Controls & Plumbing 4. Boom & Accessories 5. Accessories

TRAILER ASSEMBLY WITH TANK

Includes 46" wheels & tires

1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	9411141-10		\$41,718.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	9411141-72		\$41,718.00
1250 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	9411138-10		\$43,448.00
1250 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	9411138-72		\$43,448.00

PUMPS

Ace Hydraulic Pump with Silicone Carbide Seal & Flanged ports (FMC155HYD304) (hoses included)	9425074	38 lbs.	\$2,246.00
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PLUMBING

Raven® Flow Meter, Regulator, & Trailer Wire Harness w/5 Motorized Valves & Plumbing (7 valves maximum)	9425081		\$5,950.00
TeeJet® Regulator, Flo Meter, Harness, 5 Motor Valves	9425100		\$4,593.00

CONTROLS

Raven® 450 Automatic Rate Control, Cable and Speed Sensor * Astro GPS II Included - 14071	9425093		\$6,773.00
TeeJet® 845 with GPS Speed	9425102		\$3,592.00

BOOMS

60', 80/90' Front Fold Boom w/o Plumbing (Tractor must be equipped with closed center hydraulic system.)	9488130		\$34,762.00
Plumbing TeeJet® Drip Free	9428159		\$2,143.00
Plumbing TeeJet® Triple Drip Free	9428160		\$3,286.00
Hydraulic Glide Suspension System (factory installed only) (Tractor must be equipped with closed center hydraulic system.)	9428152	20 lbs.	\$5,601.00

ACCESSORIES

Astro II GPS Speed Sensor 1Hz (for use with Raven® 450)	14071	1 lbs.	\$718.00
2" Flow Meter with digital display for tank fill	9428163	5 lbs.	\$1,890.00
33 Gallon Foam Marker Charcoal Tank	9428168	107 lbs.	\$3,022.00
33 Gallon Foam Marker Yellow Tank	9428157	107 lbs.	\$3,022.00
Chemical Eductor Vacuum Flow	9428164	125 lbs.	\$2,611.00
Fence Line Spray Kit, Electric	9428002	5 lbs.	\$267.00

NOTE: *Sprayer is less spray tips.
All factory setup units are tested to 90 PSI.
15" nozzle spacing available by special order.*

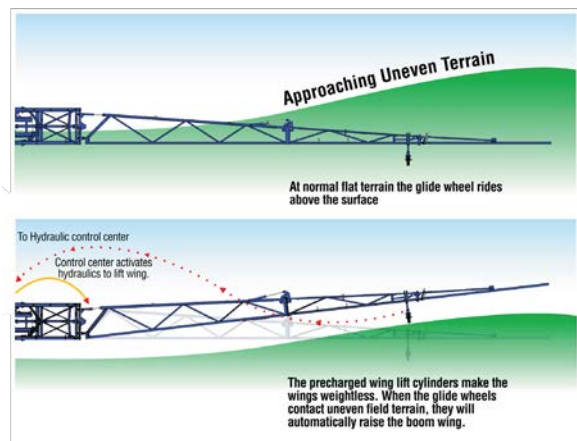
HYDRAULICS NOTES: Tractor must be equipped with closed center hydraulic system.

How the Hydraulic Glide Suspension Works

Unique hydraulic glide suspension system makes the boom wings weightless. The guide wheels activate the hydraulic system and automatically adjust for uneven terrain. Guide wheels have puncture proof tires.



Cab mounted console allows operator to adjust the precharge on the wing lift cylinders for optimal boom performance.



NEW
Front Mounts





FEATURES

- Available in 200 gallon round and 300 gallon elliptical tanks with agitation
- Two color options available (yellow and gray)
- 8" fillwell with screw-on lid
- Quick attach mounting system
- Front three point hitch compatibility
- Optional lighting bar enhances visibility

HOW TO ORDER: Choose in this order: 1. Tanks 2. Square Tube Mounting Brackets

TANK AND FRAME

Tank Saddle Assembly 300 Gallon Yellow Tank	9422273	\$2,608.00
Tank Saddle Assembly 300 Gallon Gray Tank	9422274	\$2,608.00
Tank Saddle Assembly 200 Gallon Yellow Tank	9422281	\$2,460.00
Tank Saddle Assembly 200 Gallon Gray Tank	9422282	\$2,460.00

TRACTOR MOUNTING BRACKETS

John Deere 8R	9422275	\$1,595.00
John Deere 8RX	9422280	\$1,595.00
John Deere 7R	9422285	\$1,150.00
John Deere 6R (200 gallon only)	9422284	\$1,171.00
John Deere 6M (200 gallon only)	9422284	\$1,171.00
* Not applicable for models smaller than 6M130		
* Not applicable for John Deere 6E models		
Case Magnum 235, 250, 260, 280, 290, 310, 315, & 340 (2011-present)	9422278	\$1,558.00
Case Small Magnum 180, 190, 210, 215, 225, 245, 278, 305, & 335	9422279	\$1,558.00
Front Three Point - Category 2 & 3	9422283	\$1,171.00

OPTIONS

Light Bar for Front Mount Tank	9422276	\$140.00
Fire Safety System for Front Mount Tank	9422277	\$3,735.00

FEATURES

- Two 500 gallon high capacity side mount tanks with 16" fillwell - delivers excellent front to rear weight distribution ratio (25% front: 75% rear)
- Extended rear axle spindle mount allows weight to be shifted to the rear relieving stress on the tractor's front axle and chassis
- Units will fit on tractors with or without front duals
- Tanks are mounted longitudinal for superb visibility
- Flanged fittings provide leak free plumbing
- Transport width - 30" Row Spacing (16'11") when straddle duals are set on 120" centers
- Transport width - 36" Row Spacing (18' 11") when straddle duals are set on 144" centers
- Transport width - 40" Row Spacing (20'3")

NOTE: Tractors with after market dual hubs may require different mounting bolts

Hub spacer assembly is designed for tractors with 520 or narrower rear tractor tires

Front fenders need to be removed on most models

Not applicable on tractors with mid frame hydraulics and front 3-point

Tractors equipped with Aftermarket LSW tires require a 2nd hub from JD and a spacer ring for hub



HOW TO ORDER: Choose in this order: 1. Tank & Brackets 2. Mounting Brackets 3. Accessories

TANKS AND BRACKETS WITH 10 BOLT HUB ASSEMBLY

1000 Gallon, Yellow Tanks, 30" row spacing	9422253	2080 lbs.	\$21,617.00
1000 Gallon, Charcoal Tanks, 30" row spacing	9422254	2080 lbs.	\$21,617.00
1000 Gallon, Yellow Tanks, 36" row spacing	9422255	2110 lbs.	\$22,228.00
1000 Gallon, Charcoal Tanks, 36" row spacing	9422256	2110 lbs.	\$22,228.00
1000 Gallon, Yellow Tanks, 40" row spacing	9422241	3550 lbs.	\$22,621.00
1000 Gallon, Charcoal Tanks, 40" row spacing	9422242	3550 lbs.	\$22,621.00

TRACTOR MOUNTING BRACKETS (BRACKETS ARE REQUIRED)

Case IH ® Magnum™ Tier 4 Emissions System 180, 190, 210, 215, 225, & 235 (Will not fit 4.75 front suspension)	9422197	270 lbs.	\$3,601.00
Tractors with water/fuel separator - relocation kit	6032	5 lbs.	\$85.00
Case IH ® MX Magnum™ 180, 200, 210, 220, 230, 240, 255, 270, & 285	9422197	270 lbs.	\$3,601.00
Case IH ® MX 215, 245, 275 & 305	9422197	270 lbs.	\$3,601.00
Case IH ® Magnum™ Tier 3 Emissions System 245, 275, 305 & **335	9422197	270 lbs.	\$3,601.00
*335 with front axel suspension requires a spacer kit	6019	15 lbs.	\$334.00
Case IH ® Magnum™ Tier 4 Emissions System 235, 260, 290, 315 & ***340 & 370	9422225	235 lbs.	\$3,601.00
*340 Tier 4 Emissions System hydraulic hose kit	14063	5 lbs.	\$172.00
Case IH ® Magnum™ Tier 4B Emissions System 250, 280, 310, ***340 & 380	9422225	235 lbs.	\$3,601.00
*340 & 380 Tier 4B Emissions System hydraulic hose kit w/ 4 1/2" spindle use 6303	14063	5 lbs.	\$172.00
Tractors with 5" Rear Axles 2 required	17054-76		\$1,345.00
Tractors with CVT Transmission require 4" spacer kit	6127	46 lbs.	\$270.00
Tractors with front suspension that have factory line interference will need a line kit from Case IH®			
Tractors with water/fuel separator - relocation kit	6032	5 lbs.	\$85.00
Challenger ® MT645C/D, MT655C/D, MT665C/D, MT675C/D, & MT685C/D with stamped wheels	9422218		\$3,679.00
Massey Ferguson ® 8650, 8660, 8670, 8680 & 8690 with stamped wheels	9422218		\$3,679.00
New Holland ® TG210, TG215, TG230, TG245, TG255, TG275, TG285, TG305, T8010, T8020, T8030, T8040 & T8050	9422191	340 lbs.	\$3,404.00
New Holland ® 4AT8.275, T8.300, T8.330, T8.360 & T8.390 NA for front suspension	9422193	340 lbs.	\$3,601.00
New Holland ® 4BT8.320, T8.350, T8.360, T8.380, T8.410 & T8.435 NA for front suspension	9422236	340 lbs.	\$3,601.00
Spacer kit required on 4B Emission models	6303		\$270.00
Tractors with water/fuel separator - relocation kit	6027	5 lbs.	\$24.00
John Deere ® 7200R, 7215R, 7230R, 7260R, 7280R, 7210R, 7230R, 7250R, 7270R, 7290R & 7310R	9422190	340 lbs.	\$3,469.00
John Deere ® w/ powershift trans. & HD hubs. 8120, 8220, 8320, 8120, 8220, 8320, 8420, 8520, 8130, 8230 FT4 8245R, 8270R, 8295R, 8320R, 8330R, 8335R, 8345R,			
*not applicable on 20 series models w/46" rear tires	9422229	180 lbs.	\$3,601.00
John Deere ® FT4 w/ E23 or IVT™ trans. 8130, 8230, 8330, 8430, 8530, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R, 8335R, 8345R, 8360R, 8370R, & 8400R w/ HD hubs	9422268	230 lbs.	\$3,631.00
John Deere ® FT4 w/ PS16, E23 & IVT™ trans. 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410	9422268	230 lbs.	\$3,631.00
John Deere ® 8R 410 EVT	9422268	230 lbs.	\$3,631.00
For tractors with standard Hubs order Kit	6072		\$272.00
Spacer Kit for Aftermarket LSW Tires. (not applicable with new factory installed LSW tires)	6358	35 lbs.	\$138.00
Tractors with water/fuel separator - relocation kit	6139	5 lbs.	\$85.00
Tractors with long frames - require 4" spacer kit	6127	46 lbs.	\$270.00

ACCESSORIES

Plumbing Kit for joining tanks includes 2" quick refill	9470026		\$676.00
Sight Gauge Kit for one tank	6202		\$47.00



U.S. Patent No. 8,839,999



FEATURES

- Two 600 gallon high capacity side mount tanks with 16" fillwell - delivers excellent front to rear weight distribution ratio (25% front: 75% rear)
- Extended rear axle spindle mount allows weight to be shifted to the rear relieving stress on the tractor's front axle and chassis
- Units will fit on tractors with or without front duals (rear duals are required)
- Tanks are mounted longitudinal for superb visibility
- Flanged fittings provide leak free plumbing
- Transport width - 30" Row Spacing (16' 11") when straddle duals are set on 120" centers
- Transport width - 36" Row Spacing (18' 11") when straddle duals are set on 144" centers

NOTE: Tractors with after market dual hubs may require different mounting bolts

Hub spacer assembly is designed for tractors with 520 or narrower rear tractor tires

Front fenders need to be removed on most models

Not applicable on tractors with mid frame hydraulics and front 3-point

Tractors equipped with Aftermarket LSW tires require a 2nd hub from JD and a spacer ring for hub



HOW TO ORDER: Choose in this order: 1. Tank & Brackets 2. Mounting Brackets 3. Accessories

TANKS AND BRACKETS

1200 Gallon, White Tanks, 30" row spacing	9422247	3550 lbs.	\$27,076.00
1200 Gallon, Charcoal Tanks, 30" row spacing	9422246	3550 lbs.	\$27,076.00
1200 Gallon, Yellow Tanks, 30" row spacing	9422245	3550 lbs.	\$27,076.00

TRACTOR MOUNTING BRACKETS (BRACKETS ARE REQUIRED)

Case IH ® Magnum™ Tier 4 Emissions System 180, 190, 210, 215, & 225 (Will not fit 4.75 front suspension)	9422197	270 lbs.	\$3,601.00
Tractors with water/fuel separator - relocation kit	6032	5 lbs.	\$85.00
Case IH ® MX Magnum™ 180, 200, 210, 220, 230, 240, 255, 270, & 285	9422197	270 lbs.	\$3,601.00
Case IH ® MX 215, 245, 275 & 305	9422197	270 lbs.	\$3,601.00
Case IH ® Magnum™ Tier 3 Emissions System 245, 275, 305 & **335	9422197	270 lbs.	\$3,601.00
**Not applicable for 335 with front axel suspension			
Case IH ® Magnum™ Tier 4 Emissions System 235, 260, 290, 315 & ***340 & 370	9422225	235 lbs.	\$3,601.00
***340 Tier 4 Emissions System hydraulic hose kit	14063	5 lbs.	\$172.00
Case IH ® Magnum™ Tier 4B Emissions System 250, 280, 310, ***340 & 380	9422225	235 lbs.	\$3,601.00
***340 & 380 Tier 4B Emissions System hydraulic hose kit w/ 4 1/2" spindle use 6303	14063	5 lbs.	\$172.00
Tractors with 5" Rear Axles 2 required	17054-76		\$1,345.00
Spacer kit for models 380	6303	46 lbs.	\$270.00
Tractors with front suspension that have factory line interference will need a line kit from Case IH®			
Tractors with water/fuel separator - relocation kit	6032	5 lbs.	\$85.00
Challenger ® MT645C/D, MT655C/D, MT665C/D, MT675C/D, & MT685C/D with stamped wheels	9422218		\$3,679.00
Massey Ferguson ® 8650, 8660, 8670, 8680 & 8690 with stamped wheels	9422218		\$3,679.00
New Holland ® TG210, TG215, TG230, TG245, TG255, TG275, TG285, TG305, T8010, T8020, T8030, T8040 & T8050	9422191	340 lbs.	\$3,404.00
New Holland ® 4A T8.275, T8.300, T8.330, T8.360 & T8.390 NA for front suspension	9422193	340 lbs.	\$3,601.00
New Holland ® 4B T8.320, T8.350, T8.380, T8.410 & T8.435 NA for front suspension	9422236	340 lbs.	\$3,601.00
Spacer kit required on 4B Emission models	6303		\$270.00
Tractors with water/fuel separator - relocation kit	6027	5 lbs.	\$24.00
John Deere ® 7200R, 7215R, 7230R, 7260R, 7280R, 7210R, 7230R, 7250R, 7270R, 7290R & 7310R	9422190	340 lbs.	\$3,469.00
John Deere ® w/ powershift trans. & HD hubs. 8120, 8220, 8320, 8120, 8220, 8320, 8420, 8520, 8130, 8230 FT4 8245R, 8270R, 8295R, 8320R, 8330R, 8335R, 8345R,			
*not applicable on 20 series models w/46" rear tires			
John Deere ® FT4 w/ E23 or IVT™ trans. 8130, 8230, 8330, 8430, 8530, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R, 8335R, 8345R, 8360R, 8370R, & 8400R w/ HD hubs, 8330IVT	9422268	230 lbs.	\$3,631.00
John Deere ® FT4 w/ PS16, E23 & IVT™ trans. 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410	9422268	230 lbs.	\$3,631.00
John Deere ® 8R 410 EVTTrans	9422268	230 lbs.	\$3,631.00
For tractors with standard Hubs order Kit	6072		\$272.00
Spacer Kit for Aftermarket LSW Tires. (not applicable with new factory installed LSW tires)	6358	35 lbs.	\$138.00
Tractors with water/fuel separator - relocation kit	6139	5 lbs.	\$85.00
Tractors with long frames - require 4" spacer kit	6127	46 lbs.	\$270.00

ACCESSORIES

Plumbing Kit for joining tanks includes 2" quick refill	9470026		\$676.00
36" row spacing kit	6044		\$862.00
Sight Gauge Kit for one tank	6202		\$47.00

JOHN DEERE® 8RX TRACK TRACTOR MOUNTS



FEATURES

- Two 500 gallon high capacity side mount tanks with 16" fillwell
- Tanks are mounted longitudinal for superb visibility
- Designed for tractors set on 120" track spacing
- Not applicable on models with 76" or 80" track spacing
- 26" Ground Clearance

HOW TO ORDER: Choose in this order: 1. Mounting Brackets

TRACTOR MOUNTING BRACKETS (TANKS INCLUDED)

John Deere® Models 8RX 310, 8RX 340, 8RX 370, 8RX 410

9422263

2500 lbs.

\$20,916.00

NEW HOLLAND T8 SMART TRACK TRACTOR MOUNTS



FEATURES

- Two 600 gallon high capacity side mount tanks with 16" fillwell on 9422265
- Two 500 gallon high capacity side mount tanks with 16" fillwell on 9422266
- Designed for 120" track spacing

HOW TO ORDER: Choose in this order: 1. Mounting Brackets

TRACTOR MOUNTING BRACKETS (TANKS INCLUDED)

New Holland T8.410, T8.435 - 1200 Gallon Charcoal Tanks

9422265

2500 lbs.

\$30,142.00

New Holland T8.410, T8.435 - 1000 Gallon Charcoal Tanks

9422266

2500 lbs.

\$27,615.00

CASE IH® MAGNUM ROWTRAC™ TRACTOR MOUNTS



FEATURES

- Two 600 gallon high capacity side mount tanks with 16" fillwell
- Tanks are mounted longitudinal for superb visibility
- Designed for 120" track spacing
- Limited Door Access
- Fits belt widths: 18" - 24" - 30"

HOW TO ORDER: Choose in this order: 1. Tanks 2. Mounting Brackets

TRACTOR MOUNTING BRACKETS (TANKS INCLUDED)

CaseIH Magnum Rowtrac 310, 340, 370, 380, 400 - 1200 Gallon Charcoal Tanks

9422261

\$32,046.00

CaseIH Magnum Rowtrac 310, 340, 370, 380, 400 - 1000 Gallon Charcoal Tanks

9422262

\$22,583.00

JOHN DEERE® TRACK TRACTOR MOUNTS

FEATURES

- Two 500 gallon high capacity side mount tanks with 16" fillwell
- Tanks are mounted longitudinal for superb visibility
- Narrow tracks



HOW TO ORDER: Choose in this order: 1. Tanks 2. Mounting Brackets

TANKS (2 REQUIRED)

500 Gallon Tank	35917	705 lbs.	\$7,029.00
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TRACTOR MOUNTING BRACKETS

John Deere® Models 8310RT, 8335RT, 8295RT, 8320RT, 8345RT, 8360RT, 8370RT, 8RT 310, 8RT 340, 8RT 370, & 8RT 410	9422257	598 lbs.	\$8,516.00
John Deere® 2000-2020 9000 T & RT Models 9320T, 9420T, 9520T, 9430T, 9530T, 9630T, 9460RT, 9470RT, 9510RT, 9520RT, 9560RT, 9570RT, 9RT470, 9RT520, 9RT570, 9RT640	9422258	590 lbs.	\$8,516.00
John Deere® 9RX 490, 9RX 540, 9420RX, 9470RX, 9520RX, 9570RX, 9620RX, 9640RX, 9670RX	9422259	600 lbs.	\$8,189.00
John Deere® 9RX Wide Track 120" Spacing (2022 to present)	9422269		\$9,052.00
John Deere® 9RX Wide Track 88" Spacing (2022 to present)	9422270		\$9,052.00
John Deere® 9RX Wide Track 120" Spacing (2021 and older)	9422271		\$9,052.00
John Deere® 9RX Wide Track 88" Spacing (2021 and older)	9422272		\$9,052.00

FENDT® WHEELED TRACTOR MOUNTS

FEATURES

- Fits Fendt 900 Gen 6 & 7 and 1000 row crop tractors - 30" row spacing
- 2- 600 gallon high capacity side mount tanks with 16" fillwell
- Undermount support arms for quick install and removal
- Front to rear weight ratio 25% front and 75% rear
- Fits on tractors with or without front duals (rear duals are required)



HOW TO ORDER: Choose in this order: 1. Tanks 2. Mounting Brackets

TRACTOR MOUNTING BRACKETS (TANKS INCLUDED)

Fendt 900 Vario 930, 933, 936, 939, 942	9422260		\$32,046.00
Fendt 1000 Vario 1038, 1042, 1046, 1050	9422267		\$32,046.00

SIDEQUEST® | 4 WD ARTICULATING TRACTOR MOUNT • 1200 GALLON



FEATURES

- Two 600 gallon high capacity side mount tanks with 16" fillwell
- Better visibility - tanks are mounted longitudinal for superb visibility
- 21-23" of ground clearance
- 17'-2" transport width

NOTE: Hub spacer assembly is designed for tractors with 520 or narrower tractor tires

HOW TO ORDER: Choose in this order: 1. Tanks 2. Square Tube Mounting Brackets

TANKS AND BRACKETS

1200 - 2/600 Gallon Yellow Tank	9422200	\$28,105.00
1200 - 2/600 Gallon Charcoal Tank	9422208	\$28,105.00

TRACTOR MOUNTING BRACKETS (REQUIRED)

*John Deere® 9230, 9330, 9430, 9530, 9630, 9360R, 9410R, 9460R, 9510R & 9560R	9422204	\$4,203.00
Case IH® Steiger® 350, 370, 400, 420, 450 & 470	9422207	\$4,445.00
New Holland® T9.390, T9.450, T9.505 & T9.560	9422207	\$4,445.00

**Tractor must be equipped with front tractor reinforcement kit available from John Deere®*

QUICK TACH | 4 WD ARTICULATING TRACTOR MOUNT • 600 GALLON



FEATURES

- Two 300 gallon tanks with dual jet agitation, sump, molded sight gauge and 12" fillwell with no-splash cover
- High clearance brackets include saddles, tank bands, carrier brackets and all necessary bolts for a complete installation
- 22-25" of ground clearance
- Transport width: 15', 16'9" for wide frame

HOW TO ORDER: Choose in this order: 1. Tanks 2. Square Tube Mounting Brackets

TANKS (2 REQUIRED)

300 Gallon Yellow Tank	9422202	\$1,337.00
300 Gallon Charcoal Tank	9422203	\$1,337.00

TRACTOR MOUNTING BRACKETS (REQUIRED)

*John Deere® 9230, 9330, 9430, 9530, 9630, 9360R, 9410R, 9460R, 9510R & 9560R	9422210	\$8,015.00
*John Deere® 9370R, 9420R, 9470R, 9520R, 9570R, 9620R	9422243	\$8,015.00
John Deere® 9420RX, 9470RX, 9520RX, 9570RX, 9620RX, 9RX490, 9RX540, 9640RX, 9670RX	9422244	\$9,325.00
**Case IH® Steiger® Wheeled & Rowtrac™ 350, 370, 400, 420, 450, 470, & 500 <i>Not applicable for STX Models</i>	9422211	\$8,015.00
Case IH® Steiger® Wheeled(Wide Frame) & Quadtrac™ 450, 470, 500, 540, 550, 580, 600 & 620	9422227	\$8,015.00
New Holland® T9.390, T9.450, T9.505 & T9.560	9422211	\$8,015.00
New Holland® T9.600, T9.615, T9.645, T9.670 & T9.700	9422227	\$8,015.00

**Tractor must be equipped with front tractor reinforcement kit available from John Deere®*

Flanged Tank Fittings



Three section manual control for centrifugal pump systems. Inlet: 1" Outlet: 3/4" Capacity: 27 GPM at 30 PSI (Includes 4" pressure gauge)

CP3B3HV 22 lbs. \$1,090.00

Electric Control



Plunger Valve three section controls for centrifugal pump systems. Inlet: 1" Outlet: 3/4" Capacity: 27 GPM at 30 PSI

	9428175	26 lbs.	\$2,343.00
Replacement Console	3318		\$802.00
Gauge (Glycerine filled)	12118		\$142.00
15' Extension Cable	21720 15		\$194.00
Union Fitting	21486NY		\$10.19

Electric Control



Motorized Ball Valve three section electric control for centrifugal pump systems. Inlet: 1 1/4" Outlet: 3/4"

	9428129	45 lbs.	\$3,084.00
Replacement Console	3318		\$802.00
Gauge (Glycerine filled)	12118		\$142.00
Union Fitting	21486NY		\$10.19

COMPONENTS | SPRAYER CONTROL SYSTEMS

Raven® 450 Sprayer Control



The data window in the SCS450 console continually displays the actual rate of spray application. A variety of other spraying information is also available in the rate window on command.

450 (3 Section)	9428043	\$12,224.00
450 (5 Section)	9428045	\$12,658.00
Replacement Components		
Flow meter	5890	\$1,494.00
Proximity wheel sensor	10308	\$248.00
1" regulating butterfly valve	10311	\$1,012.00
Speed sensor - Astro II GPS	14071	\$718.00
Speed sensor 12' harness	10046	\$368.00
Speed sensor 18' harness	11430	\$248.00
Console to hitch harness	10960	\$1,034.00
Hitch to valve harness with packard valve plugs (37') 16 pin	10959	\$1,278.00
Hitch to valve harness with packard valve plugs (24') 16 pin	12851	\$1,857.00

TeeJet® 845 Sprayer Control



The TeeJet 845 console is equipped with color screen display, master on/off switch, 5 switch boom selection as well as regulation indicator. Variety of spraying information on display window.

845 Console/monitor	10802	\$3,937.00
Flow meter	09458	\$1,481.00
5 section	16656	\$3,145.00
3 section	16655	\$1,902.00
Regulating valve	17577	\$436.00
25' harness hitch to valve	17578	\$1,226.00
Astro speed sensor	17552	\$729.00
Harness console to hitch	10799	\$1,022.00

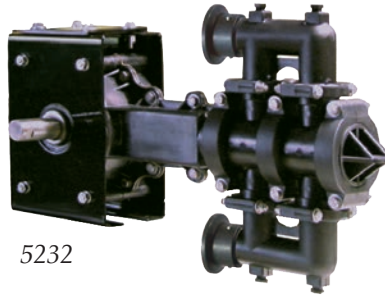
FEATURES

- Lil' Thumper piston pumps can be mounted on most planters and will adapt to other application equipment
- Ground wheel drive assures accurate rate of application regardless of speed - rate is easily set by dial pointer
- All parts in contact with solution have unequaled corrosion resistance for years of service
- 1-1/2" FPT / 200 Flange, inlet and outlet ports - recommended operating pressure 20 - 40 PSI

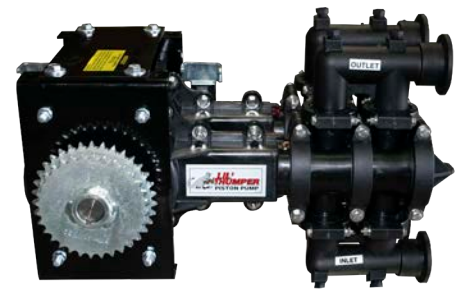
Single piston pump has 7.35 GPM output at 100 RPM full stroke

Double piston pump has 14.7 GPM output at 100 RPM full stroke. Maximum RPM 210. Maximum operating pressure 100 PSI

***NOTE:** Any amount of liquid fertilizer, with or without additives, may cause germination damage when placed in direct contact with the seed.*



5232



5802

Single and Double Piston Pumps

Single

Lil'Thumper Single Piston 1.25" diameter solid shaft

5232

52 lbs.

\$2,296.00

Double

Lil'Thumper Double Piston with 35/32 double sprocket

5802

105 lbs.

\$3,782.00

Piston Pump Parts

Wiper Replacement Kit with O Rings	5224	\$53.00
Stack Pack Sub-assembly	5136	\$246.00
Clamp Small for Piston Pump	01539	\$6.57
Clamp Large for Piston Pump	01535	\$12.78
Cylinder Housing - Piston Pump	01534	\$74.00
Manifold Intake Exhaust for Piston Pump	01536	\$95.00
Piston UHMW for Piston Pump	01168	\$138.00
Seal Oil Drive Hub for Piston Pump - Adjustable Side	01517	\$33.00
Seal Oil Drive Hub for Piston Pump - Sprocket Side	11929	\$46.00
Wrench Plated for Piston Pump	11521-95	\$23.00
Slide Chart for Piston Pump	01582	\$20.00
Intake Manifold Check Valve Blue for Piston Pump	01320	\$59.00
Intake Manifold Check Valve Red for Piston Pump	01321	\$59.00

COMPONENTS | POLYETHYLENE TANKS

Round Tanks (without agitation)

Gallons	Fillwell	Outlet	Measurements			
14	5"	1/2"	14" x 31"	P14 14 ③	11 lbs.	\$211.00
55	5"	3/4"	23" x 37"	P55 23 ③	20 lbs.	\$430.00
110	5"	3/4"	24" x 59"	P110 24 ③	40 lbs.	\$549.00
150	8"	1 1/4"	30" x 56"	P150 30 ④	50 lbs.	\$690.00
150	8"	1 1/4"	32" x 52"	P150 32 ④	50 lbs.	\$780.00

Round Tanks (with agitation)

55	5"	(1) 1 1/4"	23" x 37"	P55 23A ⑤	20 lbs.	\$504.00
110	5"	(1) 1 1/4"	24" x 59"	P110 24A ⑤	40 lbs.	\$630.00
150	8"	(1) 1 1/4"	30" x 56"	P150 30A ④	50 lbs.	\$769.00
150	8"	(1) 1 1/4"	32" x 52"	P150 32A ④	50 lbs.	\$865.00
200	8"	(1) 1 1/4"	32" x 65"	P200 32A ④	64 lbs.	\$1,010.00
300	8"	(1) 1 1/4"	38" x 76"	P300 38A ④	92 lbs.	\$1,137.00

Tank Saddles (for tank #)

P55 23, P55 23A	PS23	14 lbs.	\$307.00
P85 24, P85 24A, P110 24, P110 24A	PS24	30 lbs.	\$449.00
P110 30, P110 30A, P150 30, P150 30A	PS30	40 lbs.	\$510.00
P200 32, P200 32A	PS232A	80 lbs.	\$729.00

Elliptical Tanks (without agitation)

150	10"	1 1/4"	24" x 38.5" x 56"	PE150R ③	55 lbs.	\$997.00
300	8"	1 1/4"	30" x 48" x 70"	PE300R ④	120 lbs.	\$1,443.00
400	8"	1 1/4"	36" x 57" x 69"	PE400R ④	135 lbs.	\$1,763.00

Elliptical Tanks (with agitation)

150	10"	(1) 1 1/4"	24" x 38.5" x 56"	PE150RA ③	56 lbs.	\$1,137.00
200	8"	(1) 1 1/4"	26" x 41" x 66"	PE200RA ④	86 lbs.	\$1,371.00
300	8"	(1) 1 1/4"	30" x 48" x 70"	PE300RA ④	121 lbs.	\$1,690.00
400	8"	(1) 1 1/4"	36" x 57" x 69"	PE400RA ④	136 lbs.	\$2,016.00
500	8"	(1) 1 1/4"	36" x 57" x 82"	PE500RA ④	181 lbs.	\$2,512.00

Tank Saddles (for tank #)

PE150R, PE150RA	PS150RA	75 lbs.	\$653.00
PE200R, PE200RA	PS200RA	80 lbs.	\$762.00
PE300R, PE300RA	PS300RA	90 lbs.	\$824.00
PE400R, PE400RA	PS400RA	128 lbs.	\$956.00
PE500R, PE500RA	PS500RA	158 lbs.	\$1,079.00
PE750, PE750A - special order, min of 10	SKD750	315 lbs.	\$1,833.00

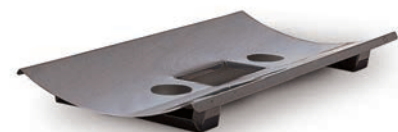
① Includes 16" Fliptop Manway ② Includes Baffle ③ Shallow Sump ④ Deep Sump

FEATURES

- All tanks include sump, molded gallonage markings, o-rings and polypropylene outlet fittings
- Tanks with agitation include extra outlets and jet agitation for Demco sprayers



Saddle bands and hardware are included



Saddle bands and hardware are included



PA200 24C



SA24 200

Saddle bands and hardware are included



Cut-away Side Tanks (with agitation)

Gallons	Fillwell	Outlet	Measurements	Part #	Weight	Price
200	8"	1 1/4"	24" x 54" x 46"	PA200 24C ⁴	84 lbs.	\$943.00
250	8"	1 1/4"	24" x 60" x 51"	PA250 24C ⁴	100 lbs.	\$1,168.00

Cut-away Side Tank Saddles (need 2 for set)

200 gallon (PA200 24C) 1 side	SA24 200	88 lbs	\$636.00
250 gallon (PA250 24C) 1 side	SA24 250	92 lbs.	\$636.00

Side Tanks (with agitation)

300	16"	1 1/4"	36" x 35" x 69"	PC300A ^{1 2 3}	130 lbs.	\$2,016.00
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Side Teardrop Tanks (with agitation)

300 Yellow	12"	1 1/4"	44" x 36" x 62"	9422202 ³	110 lbs.	\$1,337.00
300 Charcoal	12"	1 1/4"	44" x 36" x 62"	9422203 ³	110 lbs.	\$1,337.00

Teardrop Tank Saddles

300 gallon Teardrop	9422237	200 lbs.	\$778.00
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Side Tanks (with agitation)

300	16"	1 1/4"	31" x 49" x 56"	P300 31 ⁴	108 lbs.	\$1,480.00
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Side Tank Saddles

300 gallon (P300 31)	S31 300	175 lbs.	\$755.00
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SideQuest® Tanks (with 200 Flange outlet, 100 Flange agitation)

500 Yellow	16"	26" x 72" x 100"	17365	250 lbs.	\$4,295.00
500 Charcoal	16"	26" x 72" x 100"	17366	250 lbs.	\$4,295.00
600 Yellow	16"	30" x 72" x 102"	14015	260 lbs.	\$4,172.00
600 Charcoal	16"	30" x 72" x 102"	14015C	260 lbs.	\$4,172.00
600 White	16"	30" x 72" x 102"	14015W	260 lbs.	NA

SideQuest® Tanks & Saddle Assy (w/ 200 Flange outlet, 100 Flange agitation)

500 Yellow	16"	30" x 72" x 105"	35917	1050 lbs.	\$7,029.00
500 Charcoal	16"	30" x 72" x 105"	35918	1050 lbs.	\$7,029.00
600 Yellow	16"	30" x 72" x 105"	35864	1050 lbs.	\$7,974.00
600 Charcoal	16"	30" x 72" x 105"	35865	1050 lbs.	\$7,974.00
600 White	16"	30" x 72" x 105"	35876	1050 lbs.	\$7,897.00

¹ Includes 16" Fliptop Manway ² Includes Baffle ³ Shallow Sump ⁴ Deep Sump

COMPONENTS | TANK ACCESSORIES

Fresh Water Tank



2 1/2 gallon Fresh Water Tank with Universal Mounting Bracket **6054** \$134.00

Replacement Fillwell Covers



PL5A

5" diameter lid with ball vent **PL5A** \$40.00
 5" diameter lid with step vent **15388** \$40.00



09319



5478R

8" diameter lid with splash baffle (with fillwell) **09319** \$50.00
 10" threaded replacement fillwell cover **5478R** \$56.00
 10" threaded replacement fillwell **5479R** \$46.00
 12" threaded replacement fillwell cover **12226** \$59.00
 16" threaded replacement fillwell cover (complete) **5470R** \$137.00
 4" diameter replacement lid with vent for 16" threaded tank lid **PL4** \$55.00
 16" threaded replacement fillwell **5052R16** \$63.00
 Stainless steel screw **12108** \$0.22



5486A

16" floptop lid & fillwell (new style) **5486A** \$180.00
 Stainless steel screw (10 required) **12108** \$0.22
 Replacement gasket - fits 3/16" groove **10905** \$83.00
 Replacement gasket for old style (5486R) - fits 5/16" groove **5486G** \$45.00

Flanged Tank Fittings



1" flange fitting **FTF100** \$65.00
 1" replacement gasket **14625** \$5.85
 2" flange fitting **FTF200** \$76.00
 2" replacement gasket **14624** \$8.20



2" full port (50 Series) **FTF220BD** \$125.00
 2" full port gasket (inside) (4 required) (SideQuest, RM600) **BF200GFE** \$5.88
 2" full port gasket (outside) **13081** \$20.00

Polyethylene Tank Fittings

Ace Fittings



P114AV

	Hole Size Requirement		
1/2" double thread	1 1/4"	P012DA	\$35.00
3/4" double thread	1 3/4"	P034DA	\$25.00
1" double thread	1 3/4"	P100DA	\$25.00
1 1/4" double thread	2 1/4"	P114A	\$35.00
1 1/4" double thread	2 1/4"	P114AV	\$65.00
1 1/2" double thread	3"	P112A	\$36.00

Tank Fittings

Hole size requirements for polyethylene tanks are: 1/2" outlet fittings require a 1 1/2" diameter hole. 1 1/4", 1 1/2", & 2" outlet fittings require a 2 3/4" diameter hole. EPDM gasket.



P200PAV

1/2"	P012DN	\$48.00
2"	P200	\$73.00
2" anit-vortex	P200PAV	\$73.00

Jet Agitation Assembly

Ace Agitators

Hole size requirements for tanks are: 1 1/4"



S3371P



D3371PSA

Single agitation for 110 gal. tanks or smaller **S3371PA** \$82.00
 Double agitation for polyethylene tanks **D3371PSA** \$98.00



09941



5044 1

Jet agitation wand **5044 1** \$8.86
 High volume jet agitation wand **09941** \$123.00

Hypro® Gear-driven Centrifugal Pump

Viton® shaft seal standard. Cast iron body, molded nylon impeller. Planetary gear drive and bearings are factory lubricated. Ports: 1 1/2" NPT suction, 1 1/4" NPT discharge. Max. pressure: 80 PSI. Max. output: 106 GPM at open discharge at 20 PSI on 9006 & 9016. Max. output: 110 GPM at open discharge at 20 PSI on 9008, 9018 & 9028.



540 RPM tractor mounted pump. For 1 3/8" PTO. 47 GPM @ 60 PSI (540 RPM)	C9006 540	44 lbs.	\$1,533.00
1000 RPM tractor mounted pump. For 1 3/8" PTO. 70 GPM @ 60 PSI (1000 RPM)	C9008 1000	45 lbs.	\$1,670.00
1000 RPM tractor mounted pump. For 1 3/4" PTO. 70 GPM @ 60 PSI (1000 RPM)	C9028 1000	48 lbs.	\$1,936.00
540 RPM frame mounted pump. (1" diameter stub shaft) 47 GPM @ 60 PSI (540 RPM)	C9016 540	41 lbs.	\$1,591.00
Viton® Seal Repair Kit	5564		\$88.00

Hypro® Belt-driven Centrifugal Pump

Includes 12 groove belt drive. The Cast iron body and epoxy coating inside and out provides excellent protection from corrosion as well as a stainless steel shaft and Viton® mechanical seal.



1 1/4" x 1" pump, 600 RPM for 1" solid shaft. 54 GPM at 60 PSI (540 RPM)	C9402 540S	45 lbs.	\$1,498.00
1 1/4" x 1" pump, 600 RPM w/ 1 3/8" PTO, 6 spline, quick coupler. 98 GPM at 60 PSI (540 RPM)	C9402 540Q	45 lbs.	\$1,498.00
1 1/2" x 1 1/4" pump, 600 RPM for 1" solid shaft. 98 GPM at 60 PSI (540 RPM).	C9403 540S	45 lbs.	\$1,690.00
Viton® Seal Repair Kit	3430 0332		\$71.00
Silicone Carbide Seal Repair Kit. Excellent Life Guard™ survivability	3430 0589		\$310.00
1000 RPM 12 Groove Belt	3100 0005		\$105.00
540 RPM 12 Groove Belt	3100 0006		\$141.00
540 RPM Cogged Belt F/9401 Series	3103 0009		\$111.00

Hypro® Centrifugal Pump with Hydraulic Motor

The Hypro® centrifugal pump is made of pressure tested epoxy coated cast iron housing with a closed-type, molded nylon impeller mounted on a hardened stainless steel shaft. The epoxy coating on the housing provides for superior internal chemical and abrasion resistance for longer pump life, as well as extra protection of the external surface of the pump. 180 PSI maximum spraying pressure. C9303HM2 includes a restrictor orifice. Standard Viton® shaft seals unless noted.



8-15 GPM motor with 1 1/2" x 1 1/4" cast iron pump. 104 GPM @ 60 PSI.(3000 PSI. maximum @ remote outlet)	C9303HM1	26 lbs.	NA
10-20 GPM oil flow 2" x 2" for closed/open center systems.120 PSI maximum pressure, 207 GPM @ 60 PSI Includes Life Guard™ seal and 220 Flanged ports. (3000 PSI maximum @ remote outlet)	C9314HM1	41 lbs.	\$1,893.00
Viton® Seal Repair Kit	3430 0332		\$71.00
Silicone Carbide Seal Repair Kit. Excellent Life Guard™ survivability	3430 0589		\$310.00
Repair Kit for Orbit Motor - Serial number 18196 and earlier	3430 0178		\$155.00
Repair Kit for Orbit Motor - Serial number 18196 later	17085		\$123.00
8" Hydraulic Hose Kit	9428103		\$159.00

Ace Belt-driven Centrifugal Pumps

With Pulleys, 10 groove belt and Viton® seals. 0-70 PSI. 1 1/4" suction x 1" discharge. Sprays 48 GPM at 40 PSI when driven by 540 RPM PTO.



Cast iron pump for direct mounting on 1 3/8" 600 RPM PTO shaft. Pump is equipped with quick coupler	PTOC600 10QC	46 lbs.	\$1,614.00
Cast iron pump for direct mounting on 1 3/8" 1000 RPM PTO shaft. Pump is equipped with 21 spline split PTO drive shaft & split ring locking collar	PTOC1000 10	43 lbs.	\$1,759.00
Cast iron pump. 1" dia. stub shaft and integral mounting base for 600 RPM Tumblerod drive shaft	PTOC600 10B	42 lbs.	\$1,561.00
Replacement cast iron pump	FMCMIA	18 lbs.	\$796.00
Pump Seal Repair Kit	RKFMC		\$105.00
540 RPM 10 Groove Belt	BAC28 10		\$77.00
1000 RPM 10 Groove Belt	BAC28 10M		\$77.00

Ace Belt-driven Centrifugal Pumps

With Pulleys, 10 groove belt and Viton® seals. High Performance. 0-100 PSI. 1 1/2" suction x 1 1/4" discharge. Sprays 85 GPM at 40 PSI when driven by 540 RPM PTO.



Cast iron pump for direct mounting on 1 3/8" 600 RPM PTO shaft. With quickcoupler	PTOC600QC150	51 lbs.	NA
Cast iron pump. 1" dia. stub shaft and integral mounting base for 600 RPM Tumblerod drive shaft	PTOC600 10B150	52 lbs.	\$1,810.00
Cast iron pump for direct mounting on 1 3/4" 1000 RPM PTO shaft. With 20 spline PTO shaft & locking collar	PTOC1000 175	50 lbs.	NA
Pump Seal Repair Kit	RKFMC150		NA
540 RPM 10 Groove Belt	BAC28 10 150		\$99.00
1000 RPM 10 Groove Belt	BAC28 10M150		\$72.00

Ace Hydraulic Pumps



1 1/4" x 1" 125 Series frame mounted centrifugal, hydraulic driven pump. 0-100 PSI at max. 75 GPM at open discharge. Tractor hydraulic system must have 4-13 GPM of hydraulic fluid available to the sprayer pump from the tractor remote outlet (at 1000 PSI)	FMCHYD204	26 lbs.	\$1,640.00
1 1/2" x 1 1/4" 155 Series frame mounted centrifugal, hydraulic driven pump. 0-120 PSI at max. 100 GPM at open discharge. Tractor hydraulic system must have 7-16 GPM of hydraulic fluid available to the sprayer pump from the tractor remote outlet (at 1000 PSI)	17507	31 lbs.	\$1,699.00
1 1/2" x 1 1/4" 155 Series frame mounted centrifugal, hydraulic driven pump. 0-120 PSI at max. 100 GPM at open discharge. Tractor hydraulic system must have 7-16 GPM of hydraulic fluid available to the sprayer pump from the tractor remote outlet (at 1000 PSI). Flanged/Threaded ports & silicon carbide seal.	17508	38 lbs.	\$2,022.00
2" x 1 1/2" frame mounted centrifugal, hydraulic driven pump. 0-120 PSI at max. 200 GPM at open discharge. Tractor hydraulic system must have 11-20 GPM of hydraulic fluid available to the sprayer pump from the tractor remote outlet (at 1000 PSI) Flanged/Threaded ports & silicon carbide seal.	FMC200HYD304	33 lbs.	\$1,921.00
Viton® Pump Seal Repair Kit. (125, 150, & 200 Series)	RKFMC		\$105.00
Silicone Carbide Seal (125, 150, & 200 Series)	13563		\$192.00
Silicone Carbide Seal (155 Series)	17361		\$343.00
Hydraulic Orbit Motor Repair Kit (for 204, 206, 210)	RKBAC75HYDL		\$121.00
Hydraulic Orbit Motor Repair Kit. (for 304)	RKBAC75HYD300L		\$180.00
8' Hydraulic Hose Kit	9428103		\$159.00

Hypro® Roller Pumps

4000 Series (Viton® seals, 4 polypropylene rollers, 3/4" NPT Ports, Max cap: 3.3GPM @ 150 PSI, 4.4 @ 50 PSI. Max pressure 150 PSI)

Hypro® 1800 RPM cast iron pump	C4001	5 lbs.	\$268.00
"Silver Cast" 1800 RPM pump	XL4001	5 lbs.	\$690.00
Hypro® 2600 RPM cast iron pump	C4101	5 lbs.	\$265.00
"Silver Cast" 2600 RPM pump	XL4101	5 lbs.	\$696.00
Pump Repair Kit (includes rollers, seals, & O-ring)	3430 0158	5 lbs.	\$64.00



C4101

6500 Series (Viton® seals, 6 polypropylene rollers, 3/4" NPT Ports, Max cap: 21.8GPM @ 1200RPM, 18.2GPM @ 1000RPM, 9.7GPM @ 540RPM. Max pressure 300 PSI)

Hypro® cast iron pump	C6500	8.5 lbs.	\$282.00
Hypro® "Silver Cast" pump	XL6500	9 lbs.	\$868.00
1 3/8" multi-speed quick coupler for 6500 series	1321 0012		\$111.00
Pump Repair Kit (includes rollers, seals, & O-ring)	3430 0380		\$74.00



XL7560

7560 Series (Viton® seals, 8 polypropylene rollers, 3/4" NPT Ports and 15/16" solid shaft. Max cap: 22.5GPM @ 1000RPM, 12GPM @ 540RPM. Max pressure 300 PSI)

Hypro® cast iron pump	C7560	13 lbs.	\$390.00
Hypro® "Silver Cast" pump	XL7560	13 lbs.	\$1,085.00
1 3/8" multi-speed quick coupler for 7560 series	1321 0013		\$119.00
Pump Repair Kit (includes rollers, seals, & O-ring)	3430 0167		\$102.00

NOTE: For chemical applications such as Roundup®, XL series should be used.

1700 Series (Viton® seals, 5 polypropylene rollers, 1" NPT Ports and 15/16" solid shaft. Max cap: 45GPM @ 1000RPM, 25GPM @ 540RPM. Max cap: .Max pressure 200 PSI)

Hypro® cast iron pump	C1700	19 lbs.	\$562.00
Hypro® "Silver Cast" pump	XL1700	20 lbs.	\$1,572.00
1 3/8" multi-speed quick coupler for 1700 series	1321 0013		\$119.00
Pump Repair Kit (includes rollers, seals, & O-ring)	3430 0161		\$106.00

12 Volt Electric Pumps

Continuous duty motor and positive displacement diaphragm pump (Viton® valves, totally bypass at 45 PSI, 1.8 GPM max., 4.7 amp draw at 30 PSI, 3/8" FPT ports)

	8000 543 150	5 lbs.	\$188.00
Diaphragm Kit	94 395 06		\$72.00



8000 543 150

Intermittent duty motor and positive displacement diaphragm pump (3 GPM max, 45 PSI max., 8.6 amps draw at 30 PSI. 1/2" PMT ports.)

	2088 343 135	6 lbs.	\$426.00
Viton® Valve Kit	94 232 05		\$75.00

Heavy duty motor and positive displacement diaphragm pump (Viton® valves, totally bypass at 60 PSI, 5 GPM max., 9 amp draw at 20 PSI, 1/2" FPT ports)

	12981	7 lbs.	\$300.00
Viton® Valve assembly	13028		\$86.00
Upper housing assembly	13030		\$151.00



12981

Gasoline Driven Straight Centrifugal Pumps

Pump with 5.5 HP Honda® engine (Viton® seals are standard. Engine is equipped with ball bearings, rewind starter, and a manual throttle to control engine speed. Pump delivers 82 GPM @ 40 PSI, 70 GPM @ 50 PSI, or 50 GPM @ 60 PSI. Pump must be initially primed or seals will be damaged. 1.5" port size. Suction lift should not exceed 22')

With Honda® 5.5 HP engine	DHC155H	65 lbs.	\$2,595.00
Replacement Pump (for DHC155 or DHC155H)	DHC155LE		\$793.00
Pump Repair Kit (for DHC155 Series)	5565	1 lb.	\$91.00



Valves



TeeJet® Model 460 12 volt ball valve designed for remote on/off control of spray booms and nozzles at pressures to 300 PSI. 1/4 sec. response time from fully open to fully closed. Flanged inlet and outlet connections. 32 GPM of flow. Includes metri-pac to packard adapter harness.

16661	Valve	\$622.00
09859	Clamp	\$31.00



Electrically operated 12 volt valve, with Viton® diaphragm seals, designed for remote on/off control of spray booms and nozzles at pressures to 100 PSI. Direct-O-Valve is suitable for wettable powder applications. 3/4" NPT (F) inlet and 1/2" NPT (F) outlet. 10 GPM of flow.

144A1		\$345.00
AB144A1	EPDM Repair Kit	\$55.00
AB144A1VI	Viton® Repair Kit	\$82.00



Electric butterfly valve provides remote pressure control. Features two-wire lead for use in 12VDC system. Maximum operating pressure of 100 PSI. 3/4" NPT (F) connections.

244 3/4		\$303.00
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Electric butterfly valve provides remote pressure control. Features two-wire lead for use in 12VDC system. Maximum operating pressure of 100 PSI. 3/4" NPT (F) connections.

01057		\$232.00
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Electric solenoid valve provides remote pressure control. Features two-wire lead for use in 12VDC system. Maximum operating pressure of 175 PSI. 8 GPM. 3/4" NPT (F) connections.

11635		\$230.00
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Manually operated single valve. In open position, liquid is directed to spray line and excess will by-pass through valve. 1/2" NPT (F) spray line connections. 150 PSI max. 12.5 GPM.

6B1		\$90.00
AB6B1	Repair Kit	\$38.00



TeeJet® valve for selective control of three section boom sprayers at pressures up to 300 PSI. 3/4" inlet and outlet. Control lever may be set at any of seven indexed locations.

AA171		\$227.00
AB17	Repair Kit	\$64.00

Pressure Regulators



For regulating flow in systems where sensitive regulation is required. Pressures to 150 PSI.

23120PP	1/2" NPT connections (100 PSI)	\$65.00
23340PP	3/4" NPT connections (150 PSI)	\$65.00

Pressure Gauges



60GS	2 1/2" SS 60 PSI	\$33.00
64GS	4" SS 60 PSI	\$63.00
60GB	2 1/2" Brass 60 PSI	\$23.00
100GB	2 1/2" Brass 100 PSI	\$33.00
104GB	4" Brass 100 PSI	\$46.00
164GS	4" SS 160 PSI	\$59.00
160GS	2 1/2" SS 160 PSI	\$36.00
160GB	2 1/2" Brass 160 PSI	\$23.00
160GBF	2 1/2" Brass Glycerine filled 160 PSI	\$41.00

164GBF	4" Brass Glycerine filled, back port 160 PSI	\$102.00
909P0100	Glycerine filled, back port 100 PSI Arag	\$183.00

12800	4" Brass Glycerine filled, back port with mounting flange 160 PSI (50 Series sprayer)	\$102.00
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Hose



120	1/2" Clear Vinyl	\$2.17
340	3/4" Clear Vinyl	\$3.16
380RB	3/8" EPDM Rubber	\$1.32
120RB	1/2" EPDM Rubber	\$2.97
340RB	3/4" EPDM Rubber	\$4.34
1010RB	1" EPDM Rubber	\$7.68
1140RB	1 1/4" EPDM Rubber	\$7.82
1120RB	1 1/2" EPDM Rubber	\$9.25
S112	1 1/2" Wire Suction	\$23.00
S2020	2" Wire Suction	\$25.00

Stainless Steel Hose Clamps and Screw



B4H	1/4" Skinless Gear Clamp	\$2.02
B6H	3/8" Skinless Gear Clamp	\$2.46
B12H	3/4" Skinless Gear Clamp	\$2.71
B20H	1" Skinless Gear Clamp	\$2.94
B24H	1 1/4" Skinless Gear Clamp	\$3.13
B32H	1 1/2" Skinless Gear Clamp	\$3.39
B44H	2" Skinless Gear Clamp	\$3.79
B64H	3" Skinless Gear Clamp	\$4.56
B128H	7 1/2" Skinless Gear Clamp	\$9.52

2-Way Ball Valves



UV050FP	1/2" Single Union	\$45.00
UV075FP	3/4" Single Union	\$45.00
UV100FP	1" Single Union	\$55.00
UV125FP	1 1/4" Single Union	\$95.00
UV150FP	1 1/2" Single Union	\$95.00
UV200FP	2" Single Union	\$118.00

3-Way Ball Valves



UV100FP3	1" Single Union	\$89.00
UV125FP3	1 1/4" Single Union	\$93.00
UV200FP3	2" Single Union	\$137.00

Ball Valves



4011 1 1/4R	1 1/4" Ratchet	\$359.00
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Springs



01564	Piston Pump Idler & DB12 Boom	\$16.17
00180-72	Boom Breakaway 13 7/16" x 1 1/4"	\$41.00
00200-72	Floating Boom 10 1/8" x 1 3/4"	\$43.00
07838-51	X-Fold Boom 10 1/8" x 1 3/4"	\$63.00
00306-30	Running Gear Tongue w/Insert 13 5/16" x 2"	\$34.00

Handguns



2AAL60	15" Hand Spray Gun	\$213.00
AB2AAL	Repair Kit	\$33.00



12434	18" Hand Spray Gun with adjustable tip 3/8" FPT	\$66.00
12496	Replacement tip	\$17.11



25660-3	Lawn / Turf Gun with #3 Black Nozzle & 3/4" FPT Threads	\$178.00
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12217	15" Hand Spray Gun	\$35.00
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Male Tapered Pipe Threads & Hose Barbs



A1414	1/4"	1/4"	\$1.06
A1438	1/4"	3/8"	\$0.70
A1412	1/4"	1/2"	\$0.74
A3838	3/8"	3/8"	\$0.74
A3812	3/8"	1/2"	\$0.77
A1238	1/2"	3/8"	\$1.49
BA1212	1/2"	1/2"	\$2.52
BA1234	1/2"	3/4"	\$2.82
BA3412	3/4"	1/2"	\$2.82
A3438	3/4"	3/8"	\$1.76
BA3434	3/4"	1 3/4"	\$2.82
A3410	3/4"	1"	\$1.11
BA1034	1"	3/4"	\$3.53
BA1010	1"	1"	\$3.53
BA1 114	1"	1 1/4"	\$4.44
BA114 34	1 1/4"	3/4"	\$4.44
BA114 1	1 1/4"	1"	\$3.67
BA114	1 1/4"	1 1/4"	\$4.44
A114 112	1 1/4"	1 1/2"	\$5.77
BA112 114	1 1/2"	1 1/4"	\$6.87
BA112	1 1/2"	1 1/2"	\$7.23
BA112 200	1 1/2"	2"	\$12.07
BA200 112	2"	1 1/2"	\$11.53
A200	2"	2"	\$4.27

Male Tapered Pipe Thread & Hose Barb Elbows



EL1414	1/4"	1/4"	\$1.78
EL1438	1/4"	3/8"	\$1.05
EL1412	1/4"	1/2"	\$1.12
EL3838	3/8"	3/8"	\$1.23
EL3812	3/8"	1/2"	\$2.02
EL1238	1/2"	3/8"	\$1.20
BEL1212	1/2"	1/2"	\$2.82
BEL1234	1/2"	3/4"	\$2.82
BEL3412	3/4"	1/2"	\$3.69
BEL3434	3/4"	1 3/4"	\$3.69
EL3410	3/4"	1"	\$2.58
BEL1034	1"	3/4"	\$4.67
BEL1010	1"	1"	\$4.67
BEL1 114	1"	1 1/4"	\$5.88
EL114 34	1 1/4"	3/4"	\$5.86
BEL114 1	1 1/4"	1"	\$5.88
BEL114	1 1/4"	1 1/4"	\$5.88
EL114 112	1 1/4"	1 1/2"	\$8.96
BEL112 114	1 1/2"	1 1/4"	\$15.98
EL112	1 1/2"	1 1/2"	\$7.58
BEL200 112	2"	1 1/2"	\$16.68
BEL200	2"	2"	\$15.40

Hose Barb Tees



T38	3/8"	\$1.12
T12	1/2"	\$1.20
T34	3/4"	\$3.69
T100	1"	\$4.40
T114	1 1/4"	\$7.31
T112	1 1/2"	\$8.69
T200	2"	\$24.00

Male Tapered Pipe Thread Nipples



M1400	1/4"	1/4"	\$1.32
M3838	3/8"	3/8"	\$1.30
M1214	1/2"	1/4"	\$0.77
BM1238	1/2"	3/8"	\$1.63
M1200	1/2"	1/2"	\$0.79
M3412	3/4"	1/2"	\$1.73
BM3400	3/4"	3/4"	\$3.05
BM1034	1"	3/4"	\$5.53
BM1000	1"	1"	\$4.13
BM114 1	1 1/4"	1"	\$5.88
BM1140	1 1/4"	1 1/4"	\$4.13
BM112 114	1 1/2"	1 1/4"	\$5.84
BM1120	1 1/2"	1 1/2"	\$7.43
BM2000	2"	2"	\$8.55

Reducer Bushings



RB3814	3/8"	1/4"	\$1.38
RB1214	1/2"	1/4"	\$1.63
BRB1238	1/2"	3/8"	\$5.31
BRB3418	3/4"	1/8"	\$5.54
RB3414	3/4"	1/4"	\$1.80
RB3412	3/4"	1/2"	\$2.43
BRB1014	1"	1/4"	\$5.14
RB1012	1"	1/2"	\$2.87
BRB1034	1"	3/4"	\$6.20
BRB114 34	1 1/4"	3/4"	\$6.20
BRB114 1	1 1/4"	1"	\$6.29
BRB112 114	1 1/2"	1 1/4"	\$5.92
BRB200 100	2"	1"	\$6.50
BRB200 114	2"	1 1/4"	\$6.50
RB200 112	2"	1 1/2"	\$6.82

Hose Menders



SHM3800	3/8" X 3/8"	\$1.20
SHM1238	1/2" X 3/8"	\$0.82
SHM1200	1/2" X 1/2"	\$0.74
SHM1258	1/2" X 5/8"	\$0.88
SHM112	1 1/2" X 1 1/2"	\$6.07



Threaded Tees





TT14	1/4"	\$4.47
BTT12	1/2"	\$9.25
BTT34	3/4"	\$9.92
BTT100	1"	\$14.04
BTT114	1 1/4"	\$16.37
BTT112	1 1/2"	\$23.00
BTT200	2"	\$24.00

COMPONENTS | PARTS







90° Street Elbows

	SE14	1/4"	\$2.61
	BSE38	3/8"	\$8.14
	BSE34	3/4"	\$8.80
	SE100	1"	\$10.01
	BSE114	1 1/4"	\$12.88

Line Strainers & Screens

	RVB38 80	3/8" HB 80 mesh	\$23.00
	RVB12 80	1/2" HB 80 mesh	\$35.00
	RVF34 40	3/4" FPT 40 mesh	\$43.00
	RVF34 80	3/4" FPT 80 mesh R	\$43.00
	RVF100 40	1" FPT 40 mesh	\$98.00
	RVF100 80	1" FPT 80 mesh	\$104.00
	RVF114 40	1 1/4" FPT 40 mesh	\$98.00
	RVF112 40	1 1/2" FPT 40 mesh	\$88.00
Replacement Screens			
	RVB80	3/8" & 1/2" 80 mesh	\$6.81
	RVF340	3/4" 40 mesh	\$14.04
	RVF380	3/4" 80 mesh	\$14.04
	RVF140	1" 40 mesh	\$15.26
	RVF180	1" 80 mesh	\$25.00
	RVF1140	1 1/4" 40 mesh	\$17.53
	RVF1180	1 1/4" 80 mesh	\$28.00
	RVF1240	1 1/2" 40 mesh	\$23.00
Replacement Gaskets			
	RVB38GE	3/8" & 1/2"	\$2.19
	RVF34GV	3/4"	\$9.75
	RVF114GV	1", 1 1/4" & 1 1/2"	\$13.73
Y-Strainers			
	LS075 60	3/4" FPT 60 mesh 60	\$77.00
	LS075 80	3/4" FPT 80 mesh 80	\$77.00
	LS125 80	1 1/4" FPT 80 mesh 80	\$88.00
Replacement Screens			
	LS780	3/4" 80 mesh	\$38.00
	LS140	1" & 1 1/4" 40 mesh	\$38.00
	LS180	1" & 1 1/4" 80 mesh	\$29.00
	LS220	1 1/2" & 2" 20 mesh	\$74.00
	LS250	1 1/2" & 2" 50 mesh	\$80.00
	LS280	1 1/2" & 2" 80 mesh	\$80.00
Replacement Gaskets			
	LS075G	3/4"	\$7.16
	LS100G	1" & 1 1/4"	\$7.51
	LS150G	1 1/2" & 2" O-ring	\$7.51
	LS200G	1 1/2" & 2" Square	\$8.38

Parts

	Gaskets			O.D.
	M100G	1" flange	1.5"	\$4.45
	112G	2" flange	2.375"	\$2.59
	200G	2" full port flange	2.5"	\$2.82
	300G	3" flange		\$3.79
	09938	1"		\$18.08
	09939	2"		\$21.00
	09940	2" Full Port		\$23.00
	300G	3" flange		\$3.79
	End Plugs			
	FF100	1"		\$4.45
	FF200	2"		\$9.28
	FF220	2" Full Port		\$11.79
	Flanged and Hose Barbs			
	FA100 100HB	1" flange x 1" hose		\$3.97
	FA200 100HB	2" flange x 1" hose		\$10.54
	FA200 125HB	2" flange x 1 1/4" hose		\$10.54
	FA200 150HB	2" flange x 1 1/2" hose		\$10.54
	FA200 200HB	2" flange x 2" hose		\$10.54
	FA220 200HB	2" flange full port x 2" hose		\$9.46
	15674	3" flange x 2" hose		\$26.00
	Flanged and Hose Barbs Elbows			
	FEL100 100HB	1" flange x 1" hose		\$4.81
	FEL200 100HB	2" flange x 1" hose		\$19.53
	FEL200 125HB	2" flange x 1 1/4" hose		\$19.53
	FEL200 150HB	2" flange x 1 1/2" hose		\$19.58
	FEL200 200HB	2" flange x 2" hose		\$19.58
	FEL220 150HB	2" flange full port x 1 1/2" hose		\$19.53
	FEL220 200HB	2" flange full port x 2" hose		\$19.53
	Flanged and Flanged Couplings			
	FA100	1" flange x 1" flange		\$10.54
	FRB200 100	2" flange x 1" flange		\$27.00
	FA200	2" flange x 2" flange		\$28.00



Flanged and Flanged Elbows		
FEL200	2" flange x 2" flange	\$24.00
FEL220	2" flange full port	\$24.00



Flanged Cross		
FCR200	2" flange	\$73.00



Flanged Tees		
FT100 200	1" x 2" x 2" flanges	\$28.00
FT200	2" x 2" x 2" flanges	\$29.00
FT220	2" x 2" x 2" flanges full port	\$29.00



Flanged and Male Pipe Threads		
FA200 125MPT	2" flange x 1 1/4" MPT	\$9.33
FA200 200MPT	2" flange x 2" MPT	\$9.34



Flanged Ball Valves		
MV100CF	1" full port	\$95.00
MV200CF	2" full port	\$131.00
MV220CF	2" full port	\$175.00



Flanged 3-Way Ball Valves		
FV200BLCF	2" 3-way, bottom load	\$167.00
FV220SLCF	2" 3-way, full port side load	\$247.00



Stubby 2-Way Ball Valves		
VSFHB 200	2" coupler x 2" hose barb	\$134.00
VSF204FP	2" coupler x 2" FPT	\$137.00
MVSF220FP	2" coupler x 2" flange	\$137.00



Flanged Strainers

FLST150 50	1 1/2" flange strainer w/screen	\$120.00
11537	Gasket (TeeJet®)	\$8.38
14485	Gasket (TeeJet®) bottom cap	\$5.27
11538	50 mesh screen (TeeJet®)	\$37.00
LST150GV	Gasket (Banjo®)	\$17.75
LST1550	50 mesh screen (Banjo®)	\$53.00



Drop Free Check Valves

DF12NTL	1/2" nozzle elbow & check valve assembly	\$16.81
DF12NTT	1/2" nozzle tee & check valve assembly	\$16.81
DF34NTL	3/4" nozzle elbow & check valve assembly	\$16.81
DF34NTT	3/4" nozzle tee & check valve assembly	\$16.81
DFDV	Replacement Viton® Diaphragm	\$2.40
DFCP	Replacement Diaphragm Cap Assembly	\$6.92
DFGE	EPDM Tip Cap Gasket	\$0.96
DFFD	Floodjet Cap (red)	\$1.63
DFFT	Flat Cap (yellow)	\$1.63



TeeJet® Nozzle Body Series for Disc, Planter Banding & Pressure Hose Kits

10913	1/2" single end nozzle assembly (less cap & gasket)	\$9.90
10914	1/2" single tee nozzle assembly (less cap & gasket)	\$9.90
21953VI	Replacement Diaphragm - Viton®	\$2.71
21950 10PP	Replacement Diaphragm - Cap Assembly	\$6.62



TeeJet® Single Nozzle Body

09147	3/4" single end nozzle assembly (less cap & gasket)	\$11.66
09148	3/4" single tee nozzle assembly (less cap & gasket)	\$11.66
09310	1/2" single end nozzle assembly (less cap & gasket)	\$11.66
09311	1/2" single tee nozzle assembly (less cap & gasket)	\$11.66



TeeJet® Triple Nozzle Body

15928	(370) Elbow Nozzle assembly 3/4" hose barb (less cap & gasket)	\$42.00
15929	(370) Tee Nozzle assembly 3/4" hose barb (less cap & gasket)	\$42.00
21953VI	Replacement Diaphragm - Viton®	\$2.71



Caps & Gaskets for TeeJet® Nozzle Bodies

07787	Flat fan red cap w/ EPDM gasket	\$2.17
07788	Flat fan blue cap w/ EPDM gasket	\$2.17
07789	Flat fan brown cap w/ EPDM gasket	\$2.17
07790	Floodjet® green cap w/ EPDM gasket	\$1.66
09692	Air induction yellow cap w/ EPDM gasket	\$2.17
19438EPR	EPDM tip cap gasket	\$0.95

Spray Nozzle Accessories



Nozzle Bodies

NTL38	3/8" Elbow (less cap)	\$4.01
NTL12	1/2" Elbow (less cap)	\$4.45
NTL34	3/4" Elbow (less cap)	\$4.44
NTT38	3/8" Tee (less cap)	\$4.12
NTT12	1/2" Tee (less cap)	\$4.45
NTT34	3/4" Tee (less cap)	\$5.99
8027	Nozzle Body Cap	\$1.73



DEMCO Clamps

10862	Demco stainless steel boom clamp for TeeJet® nozzle. Fits square tube. Requires worm gear style hose clamp. (2 required)	ea.\$4.57
B24H	Worm gear all stainless steel hose clamp	\$3.13



Diamond Boom Clamp Assemblies

09792	Demco stainless steel boom clamp for TeeJet® nozzle. Fits 3" diamond tube. Requires worm gear style hose clamp. (2 required)	ea.\$6.88
B64H	Worm gear all stainless steel hose clamp	\$4.56



TeeJet® Vari-spacing Clamp assemblies

Vari-spacing stainless steel clamps for use on all dry boom Quick TeeJet® bodies.

10902	1" square boom clamp	\$10.90
10903	1 1/4" square boom clamp	\$11.34
10904	1 1/2" square boom clamp	\$11.34



Square Boom Clamp Assemblies

For use with NTL or NTT nozzle fittings. Available in 1" or 1 1/4", for square boom tubing.

B11 1	1" square boom clamp	\$5.52
B11 114	1 1/4" square boom clamp	\$5.52



Round Boom Clamp Assemblies

For use with NTL or NTT nozzle fittings. Available in 3/4" or 1", for round boom tubing.

B11 34R	3/4" round boom clamp	\$5.52
B11 1R	1" round boom clamp	\$4.98

FullJet®

WIDE ANGLE FLAT SPRAY TIPS AND NOZZLES FLOODJET® TIPS AND NOZZLES



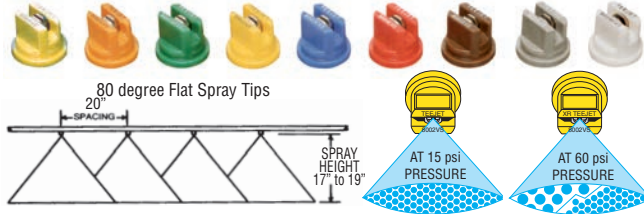
TK & TKVS Floodjet Tip

FloodJet® tips and nozzles project a wide angle spray pattern. They are designed for incorporating herbicides into the soil. These tips are recommended for suspension and slurry type chemicals at lower spraying pressures. Floodjet® tips produce coarser particle sprays to minimize drift. Boom heights should be adjusted to obtain the overlap which provides the most uniform distribution. Optimum coverage is achieved by overlapping adjacent spray patterns 50% on each side to obtain double coverage. TK floodjet® tips are available in brass or stainless steel with VisiFlo color coding. KSS floodjet® nozzles are available in stainless steel. Fits into 07790 cap assembly.

TeeJet®

Flat spray tips 80 & 110 degree SERIES

Flat spray tips can be used for spraying herbicides, insecticides, fertilizers and other chemicals. Each tip produces a tapered edge spray pattern for uniform coverage where patterns overlap. Tips having an 80 degree spray pattern are available in brass, stainless steel, extended range color coded nylon with stainless steel orifice. Nozzle spacing is 20" and spray height is 17" to 19". Fits into 07787, 07788 or 07789 cap assemblies.



80 & 110 degree FLAT SPRAY TIPS (Based on 20" spacing)

Tip No.	Liquid Pressure in PSI	Nozzle Capacity In GPM	Degree Spray Angle	Gallons Per Acre 40" Spacing					
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH
AN1.5⑥ TK1.5①	10	.15	85	5.6	4.5	3.7	2.8	2.2	1.9
	20	.21	108	7.9	6.3	5.3	3.9	3.2	2.6
	30	.26	116	9.7	7.7	6.4	4.8	3.9	3.2
TK2① TKVS2② (Red)	10	.20	95	7.4	5.9	5.0	3.7	3.0	2.5
	20	.28	113	10.5	8.4	7.0	5.3	4.2	3.5
	30	.35	121	12.9	10.3	8.6	6.4	5.1	4.3
TK2.5① TKVS2.5② (Brown)	10	.25	110	9.3	7.4	6.2	4.6	3.7	3.1
	20	.35	122	13.1	10.5	8.8	6.6	5.3	4.4
	30	.43	126	16.1	12.9	10.7	8.0	6.4	5.4
TK3① TKVS3② (Gray)	10	.30	96	11.1	8.9	7.4	5.6	4.5	3.7
	20	.42	112	15.8	12.6	10.5	7.9	6.3	5.3
	30	.52	115	19.3	15.4	12.9	9.7	7.7	6.4
TK4① TKVS4② (White)	10	.40	107	14.9	11.9	9.9	7.4	5.9	5.0
	20	.57	123	21	16.8	14.0	10.5	8.4	7.0
	30	.69	125	26	21	17.2	12.9	10.3	8.6
TK5① TKVS5② (Lt. Blue)	10	.50	120	18.6	14.9	12.4	9.3	7.4	6.2
	20	.71	128	26	21	17.5	13.1	10.5	8.8
	30	.87	134	32	26	21	16.1	12.9	10.7
TK7.5① TKVS7.5② (Lt. Green)	10	.75	106	28	22	18.6	13.9	11.1	9.3
	20	1.1	119	39	32	26	19.7	15.8	13.1
	30	1.3	125	48	39	32	24	19.3	16.1
TK10① TKVS10② (Black)	10	1.0	121	37	30	25	18.6	14.9	12.4
	20	1.4	133	53	42	35	26	21	17.5
	30	1.7	136	64	51	43	32	26	21
TK20① TKSS20④	10	2.0	113	74	59	50	37	30	25
	20	2.8	122	105	84	70	53	42	35
	30	3.5	126	129	103	86	64	51	43
40	4.0	128	149	119	99	74	59	50	

If the nozzle spacing on your boom is different than those in the chart above, you must multiply the tabulated or calculated GPA coverage by one of the conversion factors in the table below.

Where Tables are Based on 40" Nozzle Spacing									
Other Spacing	28"	30"	32"	34"	36"	38"	42"	44"	48"
Conversion Factor	1.43	1.33	1.25	1.18	1.11	1.05	.95	.91	.83

PLUG TIP BLANKS



To temporarily shut off selected nozzles, replace spray tips with these plug tips. Easy, quick way to change spacing of operating nozzles on boom.

Order No.	Price	Material
3942SS	\$1.29	Stainless Steel

Tip No.	Liquid Pressure in PSI	Capacity 1 Nozzle In GPM	Gallons Per Acre							
			4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	
800067 ①	20	.05	3.5	2.8	2.4	2.0	1.8	1.4	1.2	
	25	.055	3.9	3.2	2.6	2.3	2.0	1.6	1.3	
	30	.06	4.3	3.5	2.9	2.5	2.2	1.7	1.4	
	40	.067	5.0	4.0	3.3	2.8	2.5	2.0	1.7	
	50	.07	5.6	4.5	3.7	3.2	2.8	2.2	1.9	
	60	.08	6.1	4.9	4.1	3.5	3.1	2.4	2.0	
8001① XR8001VS②	15	.06	4.6	3.6	3.0	2.6	2.3	1.8	1.5	
	20	.07	5.3	4.2	3.5	3.0	2.6	2.1	1.8	
	25	.08	5.9	4.7	3.9	3.4	2.9	2.4	2.0	
	30	.09	6.4	5.1	4.3	3.7	3.2	2.6	2.1	
	40	.10	7.4	5.9	5.0	4.2	3.7	3.0	2.5	
	50	.11	8.3	6.6	5.5	4.7	4.2	3.3	2.8	
80015①	15	.09	6.7	5.5	4.5	3.9	3.4	2.7	2.2	
	20	.11	7.9	6.3	5.3	4.5	3.9	3.2	2.6	
	25	.12	8.8	7.0	5.9	5.0	4.4	3.5	2.9	
	30	.13	9.7	7.7	6.4	5.5	4.8	3.9	3.2	
	40	.15	11.1	8.9	7.4	6.4	5.6	4.5	3.7	
	50	.17	12.5	10.0	8.3	7.1	6.2	5.0	4.2	
8002① XR8002VS②	15	.12	8.9	7.3	6.1	5.2	4.5	3.6	3.0	
	20	.14	10.5	8.4	7.0	6.0	5.3	4.2	3.5	
	25	.16	11.7	9.4	7.8	6.7	5.9	4.7	3.9	
	30	.17	12.9	10.3	8.6	7.4	6.4	5.1	4.3	
	40	.20	14.9	11.9	9.9	8.5	7.4	5.9	5.0	
	50	.23	16.6	13.3	11.1	9.5	8.3	6.6	5.5	
11002VP⑥	15	.18	13.4	10.9	9.1	7.8	6.8	5.4	4.5	
	20	.21	15.8	12.6	10.5	9.0	7.9	6.3	5.3	
	25	.24	17.6	14.1	11.7	10.1	8.8	7.0	5.9	
	30	.26	19	15.4	12.9	11.0	9.7	7.7	6.4	
	40	.30	22	17.8	14.9	12.7	11.1	8.9	7.4	
	50	.34	25	19.9	16.6	14.2	12.5	10.0	8.3	
8003① XR8003VS②	15	.24	17.8	14.5	12.1	10.4	9.1	7.2	6.0	
	20	.28	21	16.8	14.0	12.0	10.5	8.4	7.0	
	25	.32	23	18.8	15.7	13.4	11.7	9.4	7.8	
	30	.35	26	21	17.2	14.7	12.9	10.3	8.6	
	40	.40	30	24	19.8	17.0	14.9	11.9	9.9	
	50	.45	33	27	22	19.0	16.6	13.3	11.1	
XR11003VK⑥	60	.49	36	29	24	21	18.2	14.6	12.1	
	15	.31	23	18.2	15.2	13.0	11.4	9.2	7.7	
	20	.35	26	21	17.5	15.0	13.1	10.5	8.8	
	25	.40	29	23	19.6	16.8	14.7	11.7	9.8	
	30	.43	32	26	21	18.4	16.1	12.9	10.7	
	40	.50	37	30	25	21	18.6	14.9	12.4	
8005① XR8005VS②	15	.56	42	33	28	24	21	16.6	13.8	
	20	.61	45	36	30	26	23	18.2	15.2	
	25	.67	48	38	32	28	24	19.8	16.6	
	30	.74	55	44	36	31	27	22	18.2	
	40	.89	66	53	44	38	33	27	22	
	60	.98	73	58	49	42	36	29	24	
8006① XR8006VS②	15	.37	28	22	18.2	15.6	13.6	11.0	9.2	
	20	.42	32	25	21	18.0	15.8	12.6	10.5	
	25	.47	35	28	23	20	17.6	14.1	11.7	
	30	.52	39	31	26	22	19.3	15.4	12.9	
	40	.60	45	36	30	25	22	17.8	14.9	
	50	.67	50	40	33	28	25	19.9	16.6	
8008① XR8008VS②	15	.49	36	29	24	21	18.2	14.6	12.2	
	20	.57	42	34	28	24	21	16.8	14.0	
	25	.63	47	38	31	27	23	18.8	15.7	
	30	.69	52	41	34	29	26	21	17.2	
	40	.80	59	48	40	34	30	24	19.8	
	50	.89	66	53	44	38	33	27	22	
XR11008VK⑥	60	.98	73	58	49	42	36	29	24	

NOTE: 15 PSI rating for XR VisiFlo tips only (example: XR8001VS).

If the nozzle spacing on your boom is different than those in the chart above, you must multiply the tabulated or calculated GPA coverage by one of the conversion factors in the table below.

Where Tables are Based on 20" Nozzle Spacing										
Other Spacing	8"	10"	12"	14"	16"	18"	22"	24"	30"	
Conversion Factor	2.5	2	1.67	1.43	1.25	1.11	.91	.83	.66	

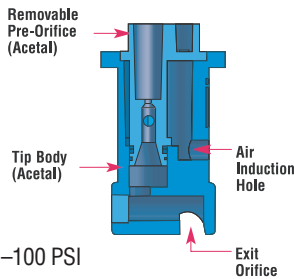
① Brass ② Color Coded Stainless Steel ④ Stainless Steel ⑤ Color Coded Ceramic ⑥ Polyacetal

Turbo TeeJet® Induction

TeeJet® StreamJet® Tips








- All acetal construction for excellent chemical and wear resistance
- Compact size to prevent tip damage
- Removable pre-orifice for fast and easy cleaning
- Large, round passages to minimize plugging
- Tapered flat spray pattern
- Patented orifice design
- Large droplets are produced through a venturi air aspirator resulting in less drift
- Wide operating pressure range of 15–100 PSI
- Fits into 09692 cap assembly

TTI110__VP SPRAY TIP
(Cross Section View)



Stainless Steel for Banding Fertilizers

- Permits banding fluids at high rig speeds.
- Large orifices with no internal obstructions permit non-clogging suspension applications.
- Lower drift potential.

	PSI	CAPACITY (1) NOZZLE IN GPM	Gallons per acre (20" nozzle spacing)						
			5 mph	6 mph	8 mph	10 mph	12 mph	15 mph	
TTI11002VP (100 Mesh) \$12.65 	15	0.12	7.1	5.9	4.5	3.6	3.0	2.4	
	20	0.14	8.3	6.9	5.2	4.2	3.5	2.8	
	30	0.17	10.1	8.4	6.3	5.0	4.2	3.4	
	40	0.20	11.9	9.9	7.4	5.9	5.0	4.0	
	50	0.22	13.1	10.9	8.2	6.5	5.4	4.4	
	60	0.24	14.3	11.9	8.9	7.1	5.9	4.8	
	70	0.26	15.4	12.9	9.7	7.7	6.4	5.1	
	80	0.28	16.6	13.9	10.4	8.3	6.9	5.5	
	90	0.30	17.8	14.9	11.1	8.9	7.4	5.9	
	100	0.32	19.0	15.8	11.9	9.5	7.9	6.3	
TTI110025VP (50 Mesh) \$12.65 	15	0.15	8.9	7.4	5.6	4.5	3.7	3.0	
	20	0.18	10.7	8.9	6.7	5.3	4.5	3.6	
	30	0.22	13.1	10.9	8.2	6.5	5.4	4.4	
	40	0.25	14.9	12.4	9.3	7.4	6.2	5.0	
	50	0.28	16.6	13.9	10.4	8.3	6.9	5.5	
	60	0.31	18.4	15.3	11.5	9.2	7.7	6.1	
	70	0.33	19.6	16.3	12.3	9.8	8.2	6.5	
	80	0.35	21	17.3	13.0	10.4	8.7	6.9	
	90	0.38	23	18.8	14.1	11.3	9.4	7.5	
	100	0.40	24	19.8	14.9	11.9	9.9	7.9	
TTI11003VP (50 Mesh) \$12.17 	15	0.18	10.7	8.9	6.7	5.3	4.5	3.6	
	20	0.21	12.5	10.4	7.8	6.2	5.2	4.2	
	30	0.26	15.4	12.9	9.7	7.7	6.4	5.1	
	40	0.30	17.8	14.9	11.1	8.9	7.4	5.9	
	50	0.34	20	16.8	12.6	10.1	8.4	6.7	
	60	0.37	22	18.3	13.7	11.0	9.2	7.3	
	70	0.40	24	19.8	14.9	11.9	9.9	7.9	
	80	0.42	25	21	15.6	12.5	10.4	8.3	
	90	0.45	27	22	16.7	13.4	11.1	8.9	
	100	0.47	28	23	17.4	14.0	11.6	9.3	
TTI11004VP (50 Mesh) \$12.65 	15	0.24	14.3	11.9	8.9	7.1	5.9	4.8	
	20	0.28	16.6	13.9	10.4	8.3	6.9	5.5	
	30	0.35	21	17.3	13.0	10.4	8.7	6.9	
	40	0.40	24	19.8	14.9	11.9	9.9	7.9	
	50	0.45	27	22	16.7	13.4	11.1	8.9	
	60	0.49	29	24	18.2	14.6	12.1	9.7	
	70	0.53	31	26	19.7	15.7	13.1	10.5	
	80	0.57	34	28	21	16.9	14.1	11.3	
	90	0.60	36	30	22	17.8	14.9	11.9	
	100	0.63	37	31	23	18.7	15.6	12.5	
TTI11005VP (50 Mesh) \$12.65 	15	0.31	18.4	15.3	11.5	9.2	7.7	6.1	
	20	0.35	21	17.3	13.0	10.4	8.7	6.9	
	30	0.43	26	21	16.0	12.8	10.6	8.5	
	40	0.50	30	25	18.6	14.9	12.4	9.9	
	50	0.56	33	28	21	16.6	13.9	11.1	
	60	0.61	36	30	23	18.1	15.1	12.1	
	70	0.66	39	33	25	19.6	16.3	13.1	
	80	0.71	42	35	26	21	17.6	14.1	
	90	0.75	45	37	28	22	18.6	14.9	
	100	0.79	47	39	29	23	19.6	15.6	
TTI11006VP (50 Mesh) \$12.65 	15	0.37	22	18.3	13.7	11	9.2	7.3	
	20	0.42	25	21	15.6	12.5	10.4	8.3	
	30	0.52	31	26	19.3	15.4	12.9	10.3	
	40	0.60	36	30	22	17.8	14.9	11.9	
	50	0.67	40	33	25	19.9	16.6	13.3	
	60	0.73	43	36	27	22	18.1	14.5	
	70	0.79	47	39	29	23	19.6	15.6	
	80	0.85	50	42	32	25	21	16.8	
	90	0.90	53	45	33	27	22	17.8	
	100	0.95	56	47	35	28	24	18.8	
TTI11008VP (50 Mesh) \$12.65 	15	0.49	29	24	18.2	14.6	12.1	9.7	
	20	0.57	34	28	21	16.9	14.1	11.3	
	30	0.69	41	34	26	20	17.1	13.7	
	40	0.80	48	40	30	24	19.8	15.8	
	50	0.89	53	44	33	26	22	17.6	
	60	0.98	58	49	36	29	24	19.4	
	70	1.06	63	52	39	31	26	21	
	80	1.13	67	56	42	34	28	22	
	90	1.20	71	59	45	36	30	24	
	100	1.26	75	62	47	37	30	25	

	LIQUID PRESSURE PSI	CAPACITY (1) NOZZLE IN GPM	Gallons per acre (30" nozzle spacing)						
			4 mph	6 mph	8 mph	10 mph	12 mph	14 mph	
15408 \$25.00	10	0.20	9.9	6.6	5.0	4.0	3.3	2.8	
	20	0.28	13.9	9.2	6.9	5.5	4.6	4.0	
	30	0.35	17.3	11.6	8.7	6.9	5.8	5.0	
	40	0.40	19.8	13.2	9.9	7.9	6.6	5.7	
15409 \$25.00	10	0.30	14.9	9.9	7.4	5.9	5.0	4.2	
	20	0.42	21	13.9	10.4	8.3	6.9	5.9	
	30	0.52	26	17.2	12.9	10.3	8.6	7.4	
	40	0.60	30	19.8	14.9	11.9	9.9	8.5	
15410 \$25.00	10	0.40	19.8	13.2	9.9	7.9	6.6	5.7	
	20	0.57	28	18.8	14.1	11.3	9.4	8.1	
	30	0.69	34	23	17.1	13.7	11.4	9.8	
	40	0.80	40	26	19.8	15.8	13.2	11.3	
15411 \$25.00	10	0.50	25	16.5	12.4	9.9	8.3	7.1	
	20	0.71	35	23	17.6	14.1	11.7	10.0	
	30	0.87	43	29	22	17.2	14.4	12.3	
	40	1.00	50	33	25	19.8	16.5	14.1	
15412 \$25.00	10	0.75	37	25	19	14.9	12.4	10.6	
	20	1.06	52	35	26	21	17.5	15.0	
	30	1.30	64	43	32	26	21	18.4	
	40	1.50	74	50	37	30	25	21	
15413 \$25.00	10	1.00	50	33	25	19.8	16.5	14.1	
	20	1.41	70	47	35	28	23	19.9	
	30	1.73	86	57	43	34	29	24	
	40	2.00	99	66	50	40	33	28	

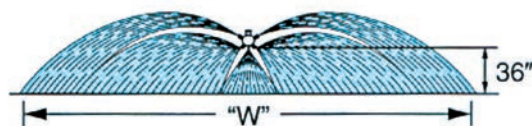
Variable Rate Metering Orifice



	LIQUID PRESSURE PSI	CAPACITY (1) NOZZLE IN GPM	Gallons per acre (30" nozzle spacing)				
			4 mph	5 mph	6 mph	8 mph	10 mph
15793 \$50.00	10	0.13	6.4	5.1	4.3	3.2	2.6
	20	0.21	10.3	8.2	6.9	5.1	4.1
	30	0.28	13.7	10.9	9.1	6.8	5.5
	40	0.35	17.3	13.9	11.6	8.7	6.9
	50	0.44	22	17.3	14.4	10.8	8.6
	60	0.53	26	21	17.6	13.2	10.6
	70	0.64	32	26	21	15.9	12.8
80	0.77	38	30	25	19.1	15.2	
90	0.90	45	36	30	22	17.8	

COMPONENTS | SPRAY TIPS

The 5880 BoomJet® Nozzle combines two off-center tips and three VeeJet nozzles to produce an overall wide swath flat spray. Nozzle assembly provides a good distribution for the wide pattern coverage obtained. Supplied with one additional 1/4" NPT pipe plug and one blank tip for setting BoomJet® to spray to one side only. Type 5880 also has a 1/4" NPT pressure gauge port. 3/4" NPT inlet.



W = Maximum effective coverage with nozzle mounted at 36" height.



BoomJet® Nozzle No.	OC Tips (Two)	VeeJet Top Nozzles (Two)	VeeJet Bottom Nozzle	Liquid Pressure psi	Total Capacity GPM	"W" in feet	Gallons Per Acre				
							4 mph	5 mph	7.5 mph	10 mph	15 mph
5880 3/4 2TOC06 \$452.00	#6733-OC06	H1/4VV-1506	H1/4VVL-9502 with 50 mesh strainer	20	1.84	33.5	6.8	5.4	3.6	2.7	1.8
				30	2.25	34.0	8.2	6.6	4.4	3.3	2.2
				40	2.60	34.5	9.3	7.5	5.0	3.7	2.5
5880 3/4 2TOC10 \$452.00	OC10	H1/4U-0508HE	H1/4VVL-11004 with 50 mesh strainer	20	2.83	39.5	8.9	7.1	4.7	3.5	2.4
				30	3.46	40.0	10.7	8.6	5.7	4.3	2.9
				40	4.00	40.5	12.2	9.8	6.5	4.9	3.3
5880 3/4 2TOC20 \$452.00	OC20	H1/4U-0520HE	H1/4VVL-9506 with 50 mesh strainer	20	6.08	47.0	16.0	12.8	8.5	6.4	4.3
				30	7.45	50.0	18.4	14.8	9.8	7.4	4.9
				40	8.60	52.0	20.0	16.4	10.9	8.2	5.5

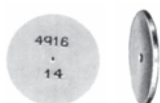
TeeJet®

METERING ORIFICES

Note: Always insert orifice plate with side marked with number facing the outlet.

MATERIAL: Stainless Steel

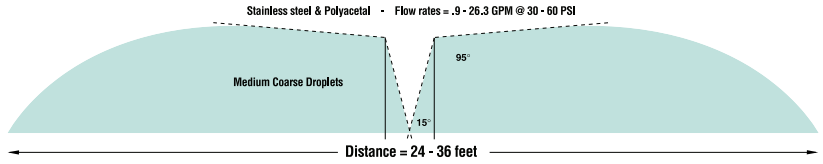
Chart is based on water with flow regulator on 30" row spacing.



Orifice No.	Pressure in PSI	Capacity In GPM	Gallons Per Acre				
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH
4916 29 \$5.74	10	.054	3.5	2.6	2.1	1.8	1.3
	20	.076	5.0	3.8	3.0	2.5	1.8
	30	.093	6.1	4.6	3.6	3.0	2.3
	40	.108	7.0	5.3	4.2	3.6	2.6
4916 35 \$5.74	10	.078	5.1	3.8	3.1	2.6	1.9
	20	.111	7.3	5.4	4.4	3.6	2.7
	30	.136	8.8	6.7	5.3	4.4	3.3
	40	.156	10.3	7.7	6.2	5.1	3.8
4916 40 \$5.74	10	.102	6.7	5.0	4.0	3.4	2.5
	20	.144	9.4	7.1	5.7	4.7	3.6
	30	.177	11.6	8.6	6.9	5.8	4.4
	40	.204	13.3	10.0	8.1	6.7	5.0
4916 46 \$5.74	10	.135	8.8	6.6	5.3	4.4	3.3
	20	.191	12.5	9.4	7.5	6.2	4.7
	30	.233	15.2	11.4	9.2	7.7	5.7
	40	.270	17.6	13.2	10.6	8.8	6.6
4916 52 \$5.74	10	.167	11.0	8.2	6.5	5.5	4.1
	20	.237	15.2	11.6	9.3	7.7	5.8
	30	.290	19.1	14.5	11.4	9.5	7.1
	40	.334	21.9	16.4	13.1	11.0	8.2
4916 59 \$5.74	10	.216	13.9	10.6	8.5	7.1	5.3
	20	.306	19.8	15.2	12.0	10.0	7.5
	30	.375	24.4	18.5	14.5	11.9	9.2
	40	.432	27.7	21.3	17.0	14.1	10.6

Orifice No.	Pressure in PSI	Capacity In GPM	Gallons Per Acre				
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH
4916 65 \$5.74	10	.261	17.2	12.8	10.2	8.5	6.4
	20	.369	24.4	17.8	14.5	12.1	9.0
	30	.452	29.7	22.4	17.8	14.5	11.1
	40	.522	34.3	25.6	20.5	17.0	12.8
4916 80 \$5.74	10	.396	25.7	19.1	15.8	12.9	9.7
	20	.561	37.0	27.7	21.8	18.5	13.9
	30	.687	44.9	33.7	27.1	22.4	16.5
	40	.792	51.5	38.3	31.7	25.9	19.4
4916 89 \$5.74	10	.490	26.4	23.8	19.1	15.8	12.0
	20	.693	45.5	33.7	27.1	22.4	17.2
	30	.849	55.4	41.6	33.0	27.7	21.1
	40	.980	64.7	47.5	38.3	31.7	24.0
4916 107 \$5.74	10	.735	48.2	36.3	29.0	23.8	17.8
	20	1.04	68.0	50.8	40.9	33.7	25.7
	30	1.27	83.2	62.7	50.2	41.6	31.0
	40	1.47	96.4	72.6	58.1	47.5	35.6

COMPONENTS | SPRAY TIPS HYPRO® BOOM XTENDER



- FC-XT010** (Dark Green) \$90.00
- FC-XT015** (Light Green) \$90.00
- FC-XT020** (Blue) \$90.00

*All swaths and flow rates are based on tests conducted at 40 psi with nozzles parallel to the ground and 48-inches high while stationary. Changes in spray height, operating pressure, mounting angle, and application speed will influence swath width.

X Tender Boom Nozzles for Broadcast Applications					
Tip #	psi	gpm	Application Rate GPA		
			4 mph	5 mph	6 mph
XT010	30	0.9	7	5.6	4.6
	40	1.0	7.7	6.2	5.2
	50	1.1	8.5	6.8	5.7
XT015	30	1.2	9.3	7.4	6.2
	40	1.3	10.9	8.7	7.3
	50	1.5	12.5	10.0	8.3
XT020	30	1.7	13.7	11.0	9.2
	40	1.8	15.0	12.0	10.0
	50	2.0	16.0	12.8	10.7
60	2.4	17.5	14.0	11.6	

STRAINERS



STRAINER

Strainer is three part assembly consisting of body, cap and screen. Stainless steel screens in 50 and 100 mesh size.

TeeJet * Strainer No.	Strainer Body & Cap Material	Mesh Screen Material
8079NY	Polypropylene	Stainless Steel - 50
8079NY100	Polypropylene	Stainless Steel - 100

STRAINER & BALL CHECK

Prevents nozzle dripping, fits all TeeJet * nozzles. Ball check opens at 5 PSI. Recommended for flow rates up to 0.8 GPM 50 and 100 mesh screens.

Check Valve No.	Body and Cap Screw Material	Mesh Screen Material
4193APP50	Polypropylene	Stainless Steel
4193APP100	Polypropylene	Stainless Steel

Technical Information

Useful Formulas

$$\text{GPM (Per Nozzle)} = \frac{\text{GPA} \times \text{MPH} \times \text{W}}{5,940}$$

$$\text{GPA} = \frac{5,940 \times \text{GPM (Per Nozzle)}}{\text{MPH} \times \text{W}}$$

GPM – Gallons Per Minute

GPA – Gallons Per Acre

mph – Miles Per Hour

W – Nozzle spacing (in inches) for broadcast spraying
– Spray width (in inches) for single nozzle, band spraying or boomless spraying.

Row spacing (in inches) divided by the number of nozzles per row for directed spraying.

Measuring Travel Speed

Measure a test course in the area to be sprayed or in an area with similar surface conditions. Minimum lengths of 100 and 200 feet are recommended for measuring speeds up to 5 and 10 mph respectively. Determine the time required to travel the test course. To help ensure accuracy, conduct the speed check with a loaded sprayer and select the engine throttle setting and gear that will be used when spraying. Repeat the above process and average the times that were measured. Use the following equation or the table below to determine ground speed.

$$\text{Speed (mph)} = \frac{\text{Distance (ft)} \times 60}{\text{Time (seconds)} \times 88}$$

Weight of solution	Specific Gravity	Conversion Factor
7.0 lbs. per gallon	.84	.92
8.0 lbs. per gallon	.96	.98
8.34 lbs. per gallon - WATER	1.00	1.00
9.0 lbs. per gallon	1.08	1.04
10.0 lbs. per gallon	1.20	1.10
10.65 lbs. per gallon - 28% Nitrogen	1.28	1.13
11.0 lbs. per gallon	1.32	1.15
12.0 lbs. per gallon	1.44	1.20
14.0 lbs. per gallon	1.68	1.30

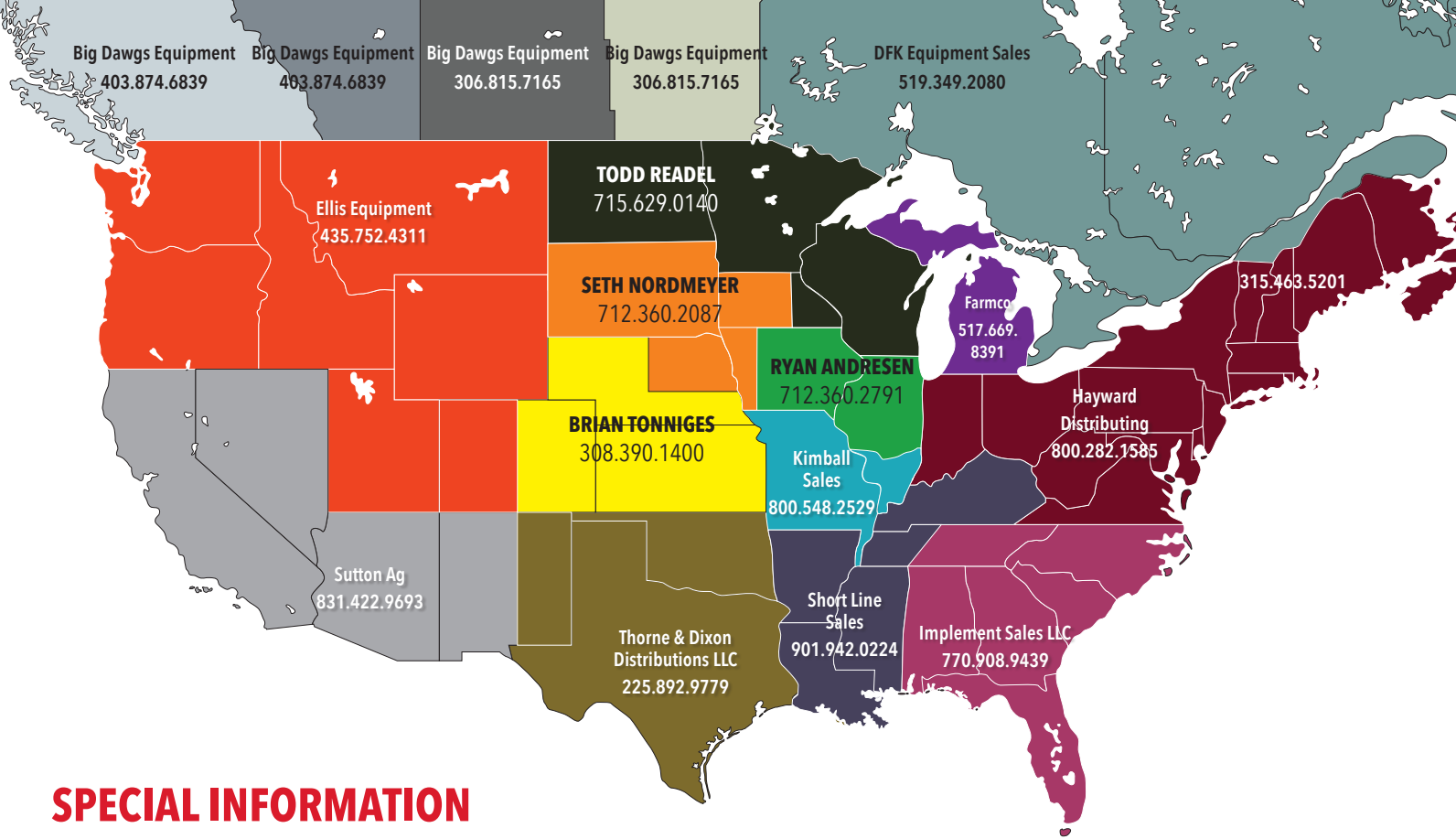
Tractor Speeds

Speed in mph (Miles Per Hour)	Time Required in SECONDS to Travel a Distance of:		
	100 Feet	200 Feet	300 Feet
3.0	23	45	68
3.5	20	39	58
4.0	17	34	51
4.5	15	30	45
5.0	14	27	41
6.0	-	23	34
7.0	-	19	29
7.5	-	18	27
8.0	-	17	26
9.0	-	15	23

Tips Don't Last Forever!

There is sufficient evidence that spray tips may be the most neglected component in today's farming...yet they are among the most critical of items in proper application of valuable agricultural chemicals.

For example, a 10 percent overapplication of chemical on a twice-sprayed 1000-acre farm could represent a loss of \$2,000-\$10,000 based on today's chemical investments of \$10.00-\$50.00 per acre. This does not take into account potential crop damage.



SPECIAL INFORMATION

PRICES & SPECIFICATIONS

All prices and specifications are subject to change without notice. All shipments are billed at price prevailing at time of shipments. ALL PRICES F.O.B. BOYDEN OR SPENCER, IOWA OR AS DESIGNATED IN THIS CATALOG.

TERMS

Customers desiring credit must have good rating or furnish satisfactory reference before shipment will be made, otherwise all orders will be shipped C.O.D. No cash discounts allowed with C.O.D. shipments.

ORDERING

Prospective customers requesting open account status will be required to complete a Demco credit application. If open terms cannot be approved, other means of payment will be considered. Please furnish a completed Demco credit application with your first order.

SHIPMENTS

Our merchandise is carefully packed and thoroughly inspected before leaving our factory. Responsibility for its safe delivery is assumed by the carrier upon acceptance of the shipment. Claims for loss or damage sustained in transit must therefore be made upon the delivering carrier as follows:

CONCEALED LOSS OR DAMAGE - Concealed loss or damage means loss or damage which does not become apparent until the merchandise has been unpacked. The contents may be damaged in transit due to rough handling even though the carton may not show external damage. When the damage is discovered upon unpacking, make a written request for inspection by the carrier's agent within 15 days of the delivery date. Then file a claim with the carrier, since such damage is the carrier's responsibility.

VISIBLE LOSS OR DAMAGE - Any external evidence of loss or damage must be noted on the freight bill or express receipt, and signed by the carrier's agent. Failure to adequately describe such external evidence of loss or damage may result in the carrier refusing to honor a damage claim. The form required to file a claim will be supplied by the carrier.

SHIPPING ERRORS

Shipping errors resulting in shortages or goods ordered incorrectly by the customer, must be reported to Demco Mfg. within 10 days after receipt of merchandise.

PICK UP ORDERS

All orders picked up and signed for by the customer or customer's agent at the Boyden or Spencer, Iowa plants are considered complete as signed. Customer will receive a copy of signed order at time of loading.

PARCEL POST, U.P.S., FEDERAL EXPRESS & FREIGHT

Due to the special packing and handling on Parcel Post and United Parcel shipments, a combined shipping and handling fee will be charged on each carton. Weight limitations are as follows:

Parcel Post = 70 lbs.

UPS = 150 lbs.

Federal Express = 150 lbs. - per carton.

A pallet charge is added on all freight orders.

RETURNS

NO GOODS ARE TO BE RETURNED WITHOUT A RETURNED GOODS AUTHORIZATION NUMBER AND INVOICE NUMBER. When your order has been filled correctly, the concerned party returning goods must in all cases pay freight, the cost of handling and a 25% restocking charge. All goods to be returned are to be in first class condition. Additional charges will be made for goods returned in other than first class condition.