



# 2018 SPRAYER CATALOG

*Doing Our Best to Provide You the Best*

[www.demco-products.com](http://www.demco-products.com)



Lawn & Garden Sprayers || Field Sprayers || Tractor Mounted Sprayers  
Booms || Fertilizer Equipment || Components

**LAWN & GARDEN SPRAYERS**

14/25 Gallon .....	1
40 Gallon .....	2
60 Gallon .....	3
80 Gallon .....	4
110/150 Gallon.....	5
150/200 Gallon.....	6

**FIELD SPRAYERS**

300 Gallon .....	7-8
500 Gallon .....	9-10
850-45, 60, 66'.....	11-12
1050-45, 60, 66'.....	13-14
1050-80/90'/1250-80/90' .....	15-16
SideQuest® 1200 Gallon-80/90'.....	17-18

**Fertilizer Applicators**

Pull Type Fertilizer Applicator.....	19-20
40' Three Point Fertilizer Applicator .....	21-22

**TRACTOR MOUNTED SPRAYERS**

Tractor mount Quick Fit List .....	23-26
SideQuest® Side Mounts 1200 Gallon .....	27
SideQuest® Side Mounts 700 & 1000 Gallon.....	28-29
SideQuest® Side Mounts 4WD.....	30
Side Mounts "Quick Tach" 400, 500 & 600 Gallon .....	31-33
Rear Mount 600 Gallon.....	34
Rear Mount 300, 400 & 500 Gallon.....	35
Rear Mount 150 & 200 Gallon .....	36

**BOOMS**

Booms (80", 12' & 18') .....	37
Truss-T Booms (21', 30' & 40') .....	37
Truss Booms (30' & 45') .....	38
Manual Fold Floating Booms (45' & 60') .....	39
Hydraulic X-Fold Booms (45' & 60') .....	40

**FERTILIZER EQUIPMENT**

Lil' Thumper Piston Pumps .....	41-42
Piston Pumps Parts .....	43-44

**COMPONENTS**

Tanks & Saddles .....	45-46
Tank Accessories .....	47
Foam Markers.....	48
Chemical Loading Devices .....	48
Sprayer Controls .....	49-50
Pumps.....	51-54
Parts .....	55-59
Spray Nozzle Accessories.....	60-64



Dear Customer,

Over the years we've been printing catalogs to help customers like you purchase quality Demco products. Every item in this catalog reflects our commitment to quality, durability, efficiency and value.

Our new 2017 Farm Equipment Catalog is specifically designed to help you configure and price items and to avoid much of the confusion related to choosing features available on specific implement models. You'll find an ordering procedure (gray header bar) at the top of each chart to help you gather all the features you need to make a successful and hassle free order.

If you have any questions on availability or compatibility to your application, call us at **1-800-543-3626**. We'll be glad to answer any questions. We're committed to your full satisfaction. It's just part of ...

*"Doing our best to provide you the best".*

**Demco**

# INSIDE SALES SUPPORT STAFF

If you have questions about Demco Products . . .

## We have the answers

Our *Inside Sales Support Staff* has the experience and knowledge to help guide you through purchasing decisions with complete and accurate information.

When it comes to questions about Demco Products . . .  
we *have the answers*.

Call us: **800-543-3626**

Or e-mail us: [sales@demco-products.com](mailto:sales@demco-products.com)



Verlyn  
Keninger  
RV Sales

Karl  
Johnson  
Sales

Kevin  
Rosenboom  
Sales

Carter  
Johnsen  
Sales

Brian  
Van Der Vliet  
Sales

Kenny  
Kruse  
Sales

Troy  
Woelber  
Sales

Benji Vande  
Griend  
Ag Products Sales  
Manager

Josh  
Jaspers  
Sales

Jerry  
Sandbulte  
Ag/Lawn and Gar-  
den Sales

Bob  
Netten  
Ag Sales

Scott  
Johnsen  
Call Center  
Manager

**Demco**  
Doing Our Best to Provide You the Best

Ardell Niemeyer  
Shipping Supervisor





Doing Our Best to Provide You the Best

### Scott Scherbring

Territorial Manager  
Cell phone: 507-272-5950

E-mail: [scott.scherbring@demco-products.com](mailto:scott.scherbring@demco-products.com)



### Ed Stoel

Territorial Manager  
Cell phone: 507-220-3312

E-mail: [ed.stoel@demco-products.com](mailto:ed.stoel@demco-products.com)



### Chris Currans

Territorial Manager  
Cell phone: 515-708-1147

E-mail: [chris.currans@demco-products.com](mailto:chris.currans@demco-products.com)



### Brian Tonniges

Territorial Manager  
Cell phone: 308-390-1400

E-mail: [brian.tonniges@demco-products.com](mailto:brian.tonniges@demco-products.com)

### Contact Demco

800-543-3626

### Travis Welkholowa

780-318-0442

### Ag Rep Inc.

204-725-9211

### General Implement Distributors

801-972-4321

### Floyd Lilly

208-733-1240

### Solex

707-678-5533

### Denny Menefee

Territorial Manager  
Cell phone: 812-593-4589

E-mail: [denny.menefee@demco-products.com](mailto:denny.menefee@demco-products.com)

Grant  
Howse  
204-721-1998

DFK Equipment Sales  
519-349-2080

General Implement  
Distributors  
701-251-2182

JS  
Woodhouse  
Company Inc  
315-463-5201

Maritime  
Farm Supply  
506-857-3134

Farmco  
517-669-8391

Hamilton  
Equipment  
Inc  
717-733-7951

Pete Kimball  
Sales  
800-548-2529

Howard Davis  
812-583-3070

Implement Sales LLC  
770-908-9439

Lonestar Sales  
903-348-1046

Short Line  
Sales  
901-942-0224

# 14 Gallon PRO SERIES



SM314

## Features

- 14 gallon tank with 5" fillwell and 1/2" outlet.
- Two formed steel channels bolt directly to the bottom of the tank. The rear bracket is used for the boom installation.
- 15" spray gun with adjustable nozzle. 15' lead hose (380RB).
- 12 volt continuous duty motor with a diaphragm pump with Viton® valves. Draws 4.7 amps @ 30 PSI (SM14 - 1.8 GPM)(SM314 - 3 GPM).

SM314  
HYMB  
80B10

- 3 GPM pump includes pressure gauge and regulator.
- 80" spray boom with 2 nozzles.
- 144" spray boom with 4 nozzles has spring loaded boom breakaway.
- Two booms available, all with spray nozzles and height adjustment to get correct spray pattern overlap.

NOTE: All 14 gallon sprayers are partially preassembled.

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



#### Model and Pump

14 Gallon Skid Mount, No Boom, 1.8 GPM electric pump	.....	SM14	38 lbs.	\$447.00
14 Gallon Skid Mount, No Boom, 3 GPM electric pump, pressure gauge & regulating valve	.....	SM314	43 lbs.	\$562.00



#### Accessories

Universal Mounting Brackets for ATV cargo rack	.....	HYMB	2 lbs.	\$52.00
80" Two Nozzle Boom Assembly (40" spacing)	.....	80B10	15 lbs.	\$129.00
144" Four Nozzle Boom Assembly (40" spacing)	.....	144B14	33 lbs.	\$292.00
Tank, Frame, Mounting Brackets and Plumbing for two tank hookup on one ATV	.....	EX14KT	30 lbs.	\$221.00

# 25 Gallon PRO SERIES

## Features

- 25 gallon tank with 5" fillwell and 1/2" outlet with agitation.
- Electric motor with a diaphragm pump and Viton® valves. Draws 9 amps @ 20 PSI (delivers 5 GPM). 35 PSI maximum spraying pressure.
- 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.
- 12' and 18' booms feature floodjet tips and spring loaded boom wing breakaway. 10 GPA at 4 MPH output.
- 21' or 30' Truss-T booms feature vertical and horizontal boom breakaway with 20" nozzle spacing.

9464047  
DB12

Note: Do not exceed manufacturer's load limit.

Note: All 25 gallon ATV sprayers are partially preassembled.

### HOW TO ORDER 1. Choose desired Sprayer/Pump Model 2. Choose appropriate Boom 3. Choose appropriate Accessories



#### Model and Pump

25 Gallon rear ATV Mount, 5 GPM electric pump, pressure gauge & regulating valve	.....	9464047	74 lbs.	\$822.00
--	-------	---------	---------	----------



#### Boom with Plumbing

12' Boom (1 section)(4 nozzles)(40" spacing)	.....	DB12	27 lbs.	\$237.00
18' Boom (1 section)(6 nozzles)(40" spacing)	.....	DB18	38 lbs.	\$334.00
21' Truss-T boom (1 section)(13 nozzles) See Components Section for tips	.....	DB21TDF	85 lbs.	\$970.00
30' Truss-T boom (1 section)(19 nozzles) See Components Section for tips	.....	DB30TDF	115 lbs.	\$1,213.00



#### Accessories

25 Gallon front tank with agitation, frame, mounting bracket and plumbing for two tank hookup on one ATV	.....	9464048	40 lbs.	\$271.00
14 Gallon front tank with frame, mounting bracket and plumbing for two tank hookup on one ATV	.....	EX14KT	30 lbs.	\$221.00

# 40 Gallon PRO SERIES



## Features

- 40 gallon tank with a sloped bottom sump for total drainage, 5" fillwell, and 1 ¼" outlet.
- Gallon and liter markings on the tank.
- Agitation is standard on all tanks.
- Special molded-in baffling in bottom of tank for enhanced agitation.
- Rugged 12 gauge formed steel skid frame.
- Bolt on tongue and axle with 15 x 6 flotation turf tires on silver rims for trailer models.
- Pressure regulator.
- Electric motor, diaphragm pump with Viton® valves. Draws 9 amps @ 20 PSI (delivers 5 GPM).
- Handgun with 15' spray hose (380RB).
- 80" spray boom with 2 nozzles (AN1.5). 12' boom with 4 nozzles and spring loaded boom breakaway or 18' boom with 6 nozzles.
- Skid dimensions 34" wide x 26.5" long x 21" high.
- Rear mount fits category "1" three-point.

9464109



9464084  
DB12



NOTE: All 40 gallon sprayers are partially preassembled.

### HOW TO ORDER Choose in this order: 1. Model 2. Boom 3. Accessories



#### Model and Pump

40 gallon skid mount with 5 GPM electric pump. Skid base is 34" wide x 26 ½" deep.	9464109	112 lbs.	\$1,048.00
40 gallon trailer with 5 GPM electric pump	9464077	154 lbs.	\$1,210.00
40 gallon rear mount with 5 GPM electric pump	9464084	139 lbs.	\$1,082.00



#### Boom with Plumbing

80" Boom (2 nozzles)(40" spacing)	80B25	10 lbs.	\$109.00
12' Boom (4 nozzles)(40" spacing)	DB12	27 lbs.	\$237.00
18' Boom (6 nozzles)(40" spacing)	DB18	38 lbs.	\$334.00
2 Nozzle Boomless Kit (includes 2 FC-XT010 tips, sprays approximately 30')	9428147	8 lbs.	\$235.00



#### Accessories

Hose Reel with 50' of 3/8" hose (uses existing handgun)	9428114	20 lbs.	\$216.00
Lawn & turf gun with #3 nozzle	25660-3	1 lbs.	\$116.00
LTL freight shipments require crating	CRATE		Net. \$56.00

# 60 Gallon PRO SERIES

9464105  
DB12



9464110

## Features

- 60 gallon tank with a sloped bottom sump for total drainage, 5" fillwell, and 1 ¼" outlet.
- Gallon and liter markings on the tank.
- Agitation is standard on all tanks.
- Special molded-in baffling in bottom of all tanks for enhanced agitation.
- Pocket on top side of tank to hold two 1 gallon jugs or one 2 ½ gallon jug for chemical or fresh water.
- Rugged 12 gauge formed steel skid frame.
- 18 x 9.50 flotation tires on silver rims for trailer models.
- Electric motor, diaphragm pump with Viton® valves will deliver 5 GPM. Draws 9 amps at 20 PSI.
- 3 HP Honda® engine with centrifugal pump will deliver 12 GPM @ 50 PSI - 65 PSI maximum pressure. Fertilizer and Roundup® ready compatible.
- 3.5 HP Briggs and Stratton engine with C4101GE pump delivering 6.6 GPM at 2600 RPM and 50 PSI. 150 PSI max.
- 4 HP Honda® with 4 roller "Silver Cast" pump (XL4101).
- Hypro® 6 roller PTO pump (C6500D) will deliver 8 GPM at 540 RPM and 50 PSI. 150 PSI max.
- Handgun with 15' hose (380RB).
- 80" spray boom with 2 nozzles (AN1.5), 12' spray boom with 4 nozzles and spring loaded boom breakaway or 18' boom with 6 nozzles.
- Skid dimensions 34" wide x 26.5" long x 30" high.



9428114  
Hose reel

NOTE: All 60 gallon sprayers are partially preassembled.

## HOW TO ORDER Choose in this order: 1. Model 2. Boom 3. Accessories



### Model and Pump

60 Gallon Skid with electric 5 GPM pump. Skid base is 34" wide x 26 ½" deep.	9464110	122 lbs.	\$1,124.00
60 Gallon Skid with 3.5 HP B&S engine and C4101GE pump Skid base is 26 ½" wide x 34" deep.	9464066	165 lbs.	\$1,649.00
60 Gallon Skid with 4 HP Honda® and "Silver Cast" pump (XL4101) Skid base is 26 ½" wide x 34" deep.	9464068	165 lbs.	\$2,243.00
60 Gallon Skid with Ace centrifugal pump and 3 HP Honda® engine (1-section).	9464101	165 lbs.	\$2,183.00
60 Gallon Skid with Ace centrifugal pump and 3 HP Honda® engine (3-section).	9464096	165 lbs.	\$2,385.00
60 Gallon Trailer with electric 5 GPM pump	9464078	186 lbs.	\$1,415.00
60 Gallon Trailer with 3.5 HP B&S engine and C4101GE pump	9464080	229 lbs.	\$1,953.00
60 Gallon Trailer with 4 HP Honda® and "Silver Cast" pump (XL4101)	9464082	229 lbs.	\$2,547.00
60 Gallon Trailer with Ace centrifugal pump and 3 HP Honda® engine (1-section).	9464105	165 lbs.	\$2,494.00
60 Gallon Trailer with Ace centrifugal pump and 3 HP Honda® engine (3-section).	9464103	165 lbs.	\$2,692.00
60 Gallon Rear Mount with electric 5 GPM pump	9464085	149 lbs.	\$1,153.00
60 Gallon Rear Mount with PTO 6 roller pump for 80", 12', or 18' boom (1-section)	9464087	168 lbs.	\$1,324.00
60 Gallon Rear Mount with PTO 6 roller pump for 21', 28', or 30' boom (3-section)	9464089	183 lbs.	\$1,522.00



### Boom with Plumbing

80" Boom (2 nozzles)(40" spacing)(1-section)	80B25	10 lbs.	\$109.00
12' Boom (4 nozzles)(40" spacing)(1-section)	DB12	27 lbs.	\$237.00
18' Boom (6 nozzles)(40" spacing)(1-section)	DB18	38 lbs.	\$334.00
2 Nozzle Boomless Kit Electric Pump (sprays approximately 30')	9428147	8 lbs.	\$235.00
2 Nozzle Boomless Kit Roller/Centrifugal Pump (sprays approximately 30')	9428149	8 lbs.	\$272.00
21' Truss-T, rear cross-fold boom (13 nozzles) spray tips not included (3-section)	DB21TDF	85 lbs.	\$970.00
30' Truss-T, rear cross-fold boom (19 nozzles) spray tips not included (3-section)	DB30TDF	115 lbs.	\$1,213.00



### Accessories

Hose Reel with 50' of 3/8" hose (uses existing handgun)	9428114	20 lbs.	\$216.00
Lawn & Turf Gun with #3 nozzle	25660-3	1 lbs.	\$116.00
LTL freight shipments require crating	CRATE		Net. \$56.00

# 80 Gallon PRO SERIES

## Features

- 80 gallon tank with a sloped bottom sump for total drainage, 5" fillwell, and 1 ¼" outlet.
- Gallon and liter markings on the tank.
- Agitation standard on all tanks.
- Special molded-in baffling in bottom of tanks for enhanced agitation.
- Pocket on top side of tank for extra chemical or fresh water jug.
- Rugged 12 gauge formed steel skid frame.
- 18 x 9.50 flotation tires on silver rims for trailer models.
- Electronic, diaphragm pump with Viton® valves will deliver 5 GPM. Draws 9 amps at 20 PSI.
- 3 HP Honda® engine with centrifugal pump will deliver 12 GPM @ 50 PSI - 65 PSI maximum pressure.
- 3.5 HP Briggs and Stratton engine with C4101GE pump delivering 6 GPM at 2600 RPM and 50 PSI. 150 PSI max.
- 4 HP Honda® with "Silver Cast" pump (XL4101).
- Hypro® 6 roller PTO pump (C6500D) will deliver 8 GPM at 540 RPM and 50 PSI. 150 PSI max.
- Handgun with 15' hose (380RB).
- 80" spray boom with 2 nozzles (AN1.5), 12' spray boom with 4 nozzles and spring loaded boom break away or 18' boom with 6 nozzles.
- Rear mount fits category "1" three-point.
- Skid dimensions 34" wide x 26.5" long x 39" high.

**2 Nozzle Boomless Kit**



NOTE: All sprayers are partially preassembled.

### HOW TO ORDER Choose in this order: 1. Model 2. Boom 3. Accessories



#### **Model and Pump**

80 Gallon Skid with electric 5 GPM pump. Skid base is 34" wide x 26 ½" deep. ....	<b>9464111</b>	138 lbs.	\$1,236.00
80 Gallon Skid with 3.5 HP B&S engine and C4101GE pump Skid base is 26 ½" wide x 34" deep. ....	<b>9464067</b>	181 lbs.	\$1,791.00
80 Gallon Skid with 4 HP Honda® and "Silver Cast" pump (XL4101) Skid base is 26 ½" wide x 34" deep. ....	<b>9464069</b>	181 lbs.	\$2,398.00
80 Gallon Skid with Ace centrifugal pump and 3 HP Honda® engine (1-section). ....	<b>9464102</b>	181 lbs.	\$2,250.00
80 Gallon Skid with Ace centrifugal pump and 3 HP Honda® engine (3-section). ....	<b>9464097</b>	181 lbs.	\$2,448.00
80 Gallon Trailer with electric 5 GPM pump ....	<b>9464079</b>	202 lbs.	\$1,549.00
80 Gallon Trailer with 3.5 HP B&S engine and C4101GE pump ....	<b>9464081</b>	245 lbs.	\$2,116.00
80 Gallon Trailer with 4 HP Honda® and "Silver Cast" pump (XL4101) ....	<b>9464083</b>	245 lbs.	\$2,724.00
80 Gallon Trailer with Ace centrifugal pump and 3 HP Honda® engine (1-section). ....	<b>9464104</b>	181 lbs.	\$2,633.00
80 Gallon Trailer with Ace centrifugal pump and 3 HP Honda® engine (3-section). ....	<b>9464106</b>	181 lbs.	\$2,833.00
80 Gallon Rear Mount with electric 5 GPM pump ....	<b>9464086</b>	165 lbs.	\$1,288.00
80 Gallon Rear Mount with PTO 6 roller pump for 80", 12', or 18' boom (1-section) ....	<b>9464088</b>	184 lbs.	\$1,465.00
80 Gallon Rear Mount with PTO 6 roller pump for 21', 28', or 30' boom (3-section) ....	<b>9464090</b>	199 lbs.	\$1,692.00



#### **Boom with Plumbing**

80" Boom (2 nozzles)(40" spacing)(1-section) ....	<b>80B25</b>	10 lbs.	\$109.00
12' Boom (4 nozzles)(40" spacing)(1-section) ....	<b>DB12</b>	27 lbs.	\$237.00
18' Boom (6 nozzles)(40" spacing)(1-section) ....	<b>DB18</b>	38 lbs.	\$334.00
2 Nozzle Boomless Kit Electric Pump (sprays approximately 30') ....	<b>9428147</b>	8 lbs.	\$235.00
2 Nozzle Boomless Kit Roller/Centrifugal Pump (sprays approximately 30') ....	<b>9428149</b>	8 lbs.	\$272.00
21' Truss-T, rear cross-fold boom (13 nozzles) spray tips not included (3-section) ....	<b>DB21TDF</b>	85 lbs.	\$970.00
30' Truss-T, rear cross-fold boom (19 nozzles) spray tips not included (3-section) ....	<b>DB30TDF</b>	115 lbs.	\$1,213.00



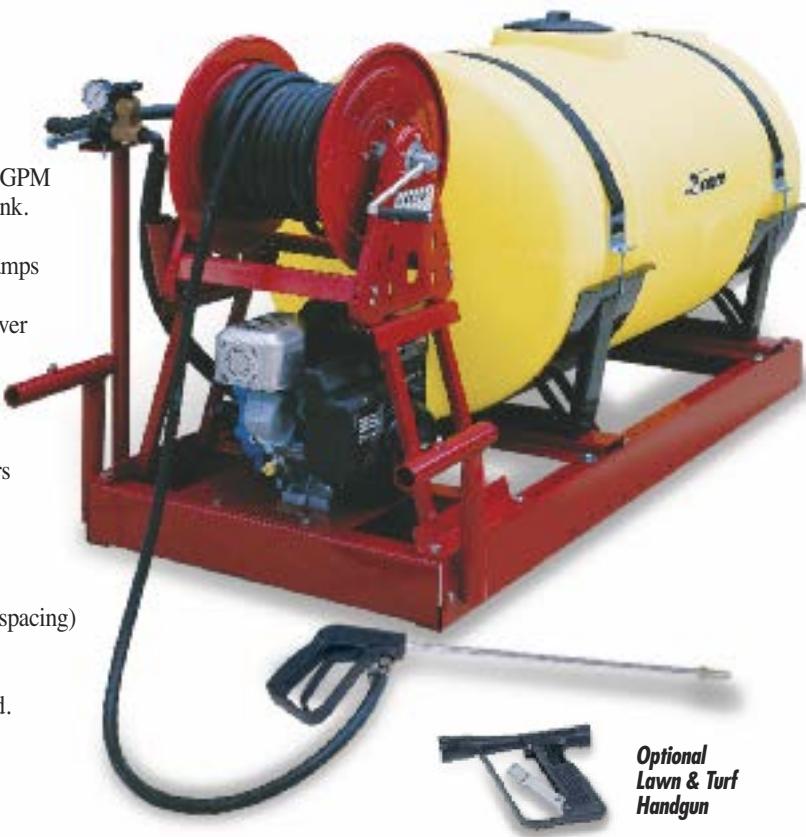
#### **Accessories**

Hose Reel with 50' of 3/8" hose (uses existing handgun) ....	<b>9428114</b>	20 lbs.	\$216.00
Lawn & turf gun with #3 nozzle ....	<b>25660-3</b>	1 lbs.	\$116.00
LTL freight shipments require crating ....	<b>CRATE</b>		Net. \$56.00

# 110 & 150 Gallon PRO SERIES

## Features

- 110 or 150 gallon polyethylene tank features sump, molded sight gauge and large fillwell with a no-splash fillwell cover. 5 GPM electric and gas engine roller pump units include agitation in tank.
- Heavy duty formed steel skid frame (W-30" x L-70").
- Electric motor, diaphragm pump with Viton® valves. Draws 9 amps @ 20 PSI (delivers 5 GPM). Max. pressure is 35 PSI.
- 3 HP Honda® or 3.5 HP B&S with centrifugal pump with deliver of 12 GPM @ 50 PSI, 65 PSI maximum pressure. Fertilizer and Roundup® compatible.
- Hypro® engine driven roller pump (C4101) delivers a max. 6.6 GPM at 2600 RPM (open flow). Max. pressure is 150 PSI.
- Hypro® engine driven straight centrifugal pump: Pump delivers 94 GPM at 30 PSI. Max. pressure is 70 PSI.
- Ace engine driven centrifugal pump delivers 19 GPM max. and 40 PSI max. with 3.5 HP Briggs & Stratton engine.
- 18" handgun with 15' hose (380RB).
- 12' and 18' booms feature floodjet tips (AN1.5 with 40' nozzle spacing) and spring loaded boom wing breakaway.
- 21' Truss-T boom features vertical and horizontal boom breakaway with 20" nozzle spacing. Spray tips are not included. 10 GPA maximum output when used with electric pump.



Optional  
Lawn & Turf  
Handgun

NOTE: All sprayers are partially preassembled.

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



### Tank

110 Gallon Tank with agitation .....	<b>P110 24A</b>	40 lbs.	\$409.00
150 Gallon Tank with agitation .....	<b>P150 30A</b>	50 lbs.	\$502.00



### Frame

110 Gallon Skid Frame .....	<b>9464035</b>	105 lbs.	\$550.00
150 Gallon Skid Frame .....	<b>9464036</b>	110 lbs.	\$591.00



### Plumbing

5 GPM Electric pump plumbing kit (pump included) .....	<b>9465008</b>	10 lbs.	\$574.00
4 Roller pump plumbing kit (1 Section) (engine/pump not included) .....	<b>SMR</b>	36 lbs.	\$495.00
4 Roller pump plumbing kit (3 Section) (engine/pump not included) .....	<b>SMR3</b>	36 lbs.	\$609.00
Centrifugal plumbing kit (1 Section) (engine/pump not included) .....	<b>9465009</b>	36 lbs.	\$487.00
Centrifugal plumbing kit (3 Section) (engine/pump not included) .....	<b>9465010</b>	36 lbs.	\$704.00
Centrifugal plumbing kit (1 Section) (3.5 HP B&S engine/pump included) .....	<b>9465128</b>	36 lbs.	\$1,130.00
Centrifugal plumbing kit (1 Section) (3 HP Honda® engine/pump included) .....	<b>9465129</b>	36 lbs.	\$1,549.00



### Engines

3.5 HP B&S .....	<b>GE3HP</b>	28 lbs.	\$553.00
4 HP Honda® .....	<b>GH4HP</b>	30 lbs.	\$1,089.00
5.5 HP Honda® with centrifugal pump .....	<b>DHC155H</b>	65 lbs.	\$1,736.00
6.5 HP with centrifugal pump .....	<b>DHC155</b>	53 lbs.	\$1,013.00



### Pumps

4 Roller pump .....	<b>C4101</b>	5 lbs.	\$163.00
4 Roller "Silver Cast" pump .....	<b>XL4101</b>	5 lbs.	\$438.00



### Boom with Plumbing

12' Boom (4 Nozzles)(40" spacing)(1 Section) .....	<b>DB12</b>	27 lbs.	\$237.00
18' Boom (6 Nozzles)(40" spacing)(1 Section) .....	<b>DB18</b>	38 lbs.	\$334.00
21' Truss-T Boom (13 Nozzles) spray tips not included (3 Section) .....	<b>DB21T</b>	85 lbs.	\$718.00



### Accessories

Hose Reel with 100' of 1/2" Hose. Reel will hold 200' .....	<b>9428035</b>	90 lbs.	\$732.00
1/2" Rubber Hose .....	<b>120RB</b>	per foot	\$1.44
Lawn and Turf handgun .....	<b>25660-3</b>	1 lbs.	\$116.00
LTL freight shipments require crating .....	<b>CRATE</b>		Net. \$56.00

# 150 & 200 Gallon PRO SERIES



## Features

- 150 or 200 gallon polyethylene elliptical tank features jet agitation, sump, molded sight gauge and fillwell with a no-splash fillwell cover.
- Trailer frame features height adjustment of up to 18" ground clearance, walking tandem axles with 22 x 11 x 8 pneumatic tires, or single axle with 24 x 12 turf tires, adjustable wheel spacing of (44" to 90" centers tandem)(72" to 90" singles).
- 2" ball coupler hitch.
- Walking tandems feature "lock out" for rigid axle spraying.
- 2½ gallon clean water tank is mounted for added safety.
- PTO driven roller pump: Hypro® cast iron 6 roller pump (C6500D) delivers a maximum of 9.7 GPM at 540 RPM (open flow).
- Hypro® engine driven straight centrifugal pump: Pump delivers 94 GPM at 30 PSI. Maximum pressure is 70 PSI.
- Demco's 21', 30' and 40' Truss-T booms feature horizontal and vertical break-away hinges and ½" rubber hose with no-drip diaphragm check nozzles spaced at 20". 8' transport width.

Note: Sprayer is less spray tips. Factory set up is available.

**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 .....	<b>9464055</b>	580 lbs.	\$4,015.00
200 Gallon Tandem Axle Tank and Trailer Assembly .....	<b>9464056</b>	610 lbs.	\$4,242.00
150 Gallon Single Axle Tank and Trailer Assembly .....	<b>9464058</b>	545 lbs.	\$3,690.00
200 Gallon Single Axle Tank and Trailer Assembly .....	<b>9464059</b>	575 lbs.	\$3,729.00



### Pumps and Plumbing Kit

*NOTE: For Pump Specifications, see Components section*

6.5 HP PowerPro™ Gas Engine with Centrifugal Pump and Plumbing Kit .....	<b>9970400</b>	75 lbs.	\$1,472.00
5.5 HP Honda® Gas Engine with Centrifugal Pump and Plumbing Kit .....	<b>9465029</b>	75 lbs.	\$2,187.00
PTO Mounted 6 Roller Pump and Plumbing Kit .....	<b>9970100</b>	35 lbs.	\$644.00
PTO Mounted 6 Roller "Silver Cast" Pump and Plumbing Kit .....	<b>9465025</b>	35 lbs.	\$963.00



### Controls

Manual Control Valves .....	<b>9465037</b>	5 lbs.	\$184.00
Electric Solenoid Control Valves .....	<b>9465038</b>	15 lbs.	\$1,150.00
Raven® 440 Sprayer Control with Ball Valves .....	<b>9428106</b>	15 lbs.	\$4,633.00



### Boom with Plumbing

*NOTE: Order Spray Tips separately (see Components section)*

21' Truss-T, rear cross-fold boom (13 nozzles) spray tips not included .....	<b>DB21TDF</b>	85 lbs.	\$970.00
30' Truss-T, rear cross-fold boom (19 nozzles) spray tips not included .....	<b>DB30TDF</b>	115 lbs.	\$1,213.00
40' Truss-T, rear cross-fold boom (25 nozzles) spray tips not included .....	<b>DB40TDF</b>	170 lbs.	\$1,623.00



### Accessories

Factory setup (Boom may be removed for shipping.) .....	<b>SU157</b>	Net	\$415.00
Hose Reel with 100' of ½" Hose. Reel will hold 200' (Handgun included) .....	<b>DHR</b>	95 lbs.	\$814.00
½" Rubber Hose .....	<b>120RB</b>	per foot	\$1.44
Handgun .....	<b>DBHGL</b>	13 lbs.	\$245.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00

# 300 Gallon Single Axle Sprayer

## Features

- 300 gallon polyethylene elliptical tank with two dual jet agitators and sump.
- 10 gauge formed steel trailer with 27" ground clearance and adjustable wheel spacings from 60"-80".
- A large convenient step, and work platform with safety rail.
- Three section manual or electric boom controls.
- Truss-T booms are complete with 1/2" plumbing and TeeJet® drip free diaphragm check nozzles spaced at 20".
- A clean water tank is conveniently mounted on each 300 gallon frame.

NOTE: Sprayer is less spray tips.

Factory setup available.

Boom may be removed for shipping.



## 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 .....	<b>PE300RA</b>	120 lbs.	\$1,103.00
-----------------------	----------------	----------	------------



### Trailer Frame

300 Gallon Single Axle Trailer with T11L Tires (60" - 80" wheel spacing) .....	<b>HCMETR</b>	780 lbs.	\$2,894.00
--	---------------	----------	------------



### Pumps

NOTE: For Pump Specifications, see Component Section

Hypro® 5 Roller Pump .....	<b>C1700D</b>	19 lbs.	\$487.00
Hypro® "Silver Cast" 5 Roller Pump .....	<b>XL1700D</b>	19 lbs.	\$1,256.00
Hypro® Belt Drive Pump with Constant Velocity PTO Shaft (C9402 540S) .....	<b>9425071</b>	66 lbs.	\$1,675.00
Hypro® Hydraulic Pump (C9303HM1)(hose kit included) .....	<b>9425056</b>	36 lbs.	\$1,141.00



### Plumbing / Pump Mount

Roller Pump Kit (controls included) .....	<b>9425002</b>	44 lbs.	\$617.00
Hypro® Belt Drive Kit .....	<b>9425003</b>	55 lbs.	\$614.00
Hypro® Hydraulic Kit .....	<b>9425004</b>	49 lbs.	\$597.00



### Controls

Manual Control Valves for Centrifugal Pumps .....	<b>CP3B3HV</b>	22 lbs.	\$711.00
Electric Solenoid Control Valves for Centrifugal Pumps .....	<b>CP414HVR</b>	26 lbs.	\$1,316.00



### Boom with Plumbing

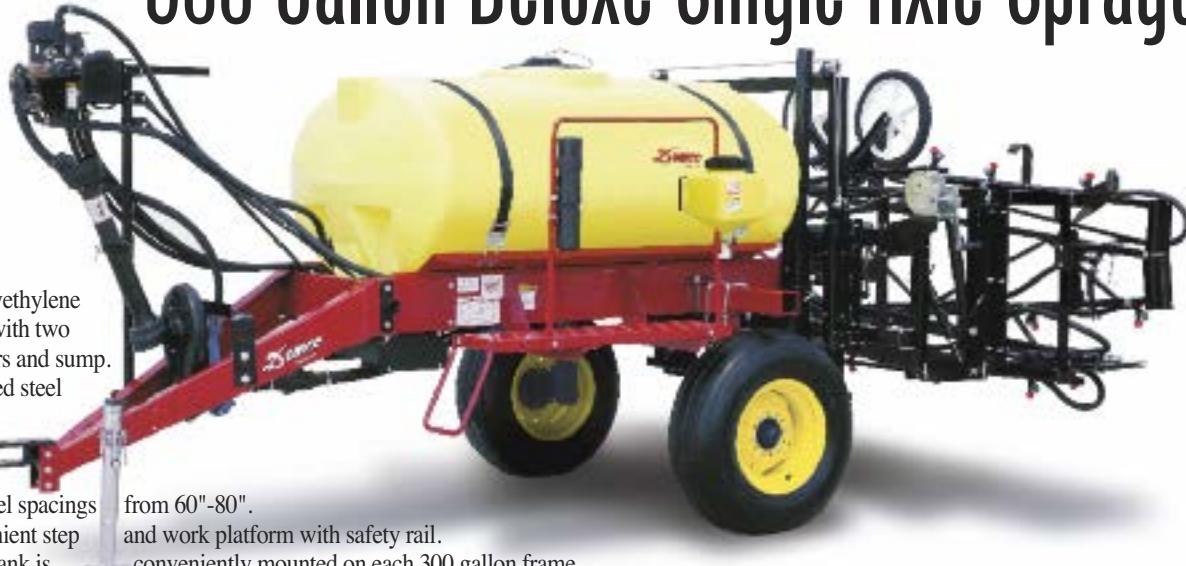
NOTE: Order Spray Tips separately see Component Section			
21' Truss-T boom .....	<b>DB21TDF</b>	85 lbs.	\$970.00
30' Truss-T boom .....	<b>DB30TDF</b>	115 lbs.	\$1,213.00
40' Truss-T boom .....	<b>DB40TDF</b>	170 lbs.	\$1,623.00
Boomless Jet Nozzle (Nozzle not included) .....	<b>9464007</b>	10 lbs.	\$87.00



### Accessories

Factory setup .....	<b>SU341</b>	Net	\$604.00
Quick Refill (utilizes nurse tank transfer pump for refilling) .....	<b>CPTK1</b>	15 lbs.	\$196.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00
Handgun (includes 25' of 1/2" hose) .....	<b>DBHG</b>	13 lbs.	\$245.00

# 300 Gallon Deluxe Single Axle Sprayer



## Features

- 300 gallon polyethylene elliptical tank with two dual jet agitators and sump.
- 10 gauge formed steel trailer with 27" ground clearance and adjustable wheel spacings from 60"-80".
- A large, convenient step and work platform with safety rail.
- A clean water tank is conveniently mounted on each 300 gallon frame.
- All truss booms are complete with  $\frac{3}{4}$ " high volume plumbing and TeeJet® drip free diaphragm check nozzles with stainless steel boom and hose clamps spaced at 20".
- Demco's DBFT flotation boom mechanism is required on 300 gallon "Deluxe" sprayers.

NOTE: Sprayer is less spray tips. Factory setup available.

Boom may be removed for shipping.

## 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. \$1,103.00



### Trailer Frame

300 Gallon Single Axle Trailer with T11L Tires (60" - 80" wheel spacing) ..... **9411015** 1080 lbs. \$3,416.00



### Pumps

*NOTE: For Pump Specifications, see Component Section*

Hypro® 5 Roller Pump .....	<b>C1700D</b>	19 lbs.	\$487.00
Hypro® "Silver Cast" 5 Roller Pump .....	<b>XL1700D</b>	19 lbs.	\$1,256.00
Hypro® Gear Drive Pump with Constant Velocity PTO Shaft (C9016 540) .....	<b>9425015</b>	69 lbs.	\$1,547.00
Hypro® Belt Drive Pump with Constant Velocity PTO Shaft (C9403 540S) .....	<b>9425026</b>	75 lbs.	\$1,725.00
Hypro® Hydraulic Pump (C9303HM1)(hoses included) .....	<b>9425056</b>	36 lbs.	\$1,141.00



### Plumbing / Pump Mount

Roller Pump Kit (Manual Controls included) .....	<b>9425002</b>	44 lbs.	\$617.00
Hypro® Gear Drive Centrifugal Kit .....	<b>9425043</b>	60 lbs.	\$603.00
Hypro® Belt Drive Centrifugal Kit .....	<b>9425003</b>	55 lbs.	\$614.00
Hypro® Hydraulic Centrifugal Kit .....	<b>9425004</b>	49 lbs.	\$597.00



### Controls

Manual Control Valves for Centrifugal Pumps .....	<b>CP3B3HV</b>	22 lbs.	\$711.00
Electric Solenoid Control Valves for Centrifugal Pumps .....	<b>CP414HVR</b>	26 lbs.	\$1,316.00



### Boom with Plumbing

*NOTE: Order Spray Tips separately (see Component Section)*

Flotation Boom Mechanism (required on this model) .....	<b>DBFT</b>	112 lbs.	\$875.00
30' Truss Boom with Drip Free Plumbing .....	<b>DB30DF</b>	272 lbs.	\$2,098.00
45' Truss Boom with Drip Free Plumbing .....	<b>DB45DF</b>	305 lbs.	\$2,707.00



### Accessories

Factory setup .....	<b>SU341</b>	Net	\$604.00
Wheel Assisted Boom Tip Protectors .....	<b>DBTP</b>	27 lbs.	\$219.00
Auto Boom Leveler .....	<b>DBSAL</b>	50 lbs.	\$610.00
Quick Refill (utilizes nurse tank transfer pump for refilling) .....	<b>CPTK1</b>	15 lbs.	\$196.00
Hydraulic Height Adjuster (24" travel) .....	<b>9428009</b>	190 lbs.	\$1,190.00
Hydraulic Boom Wing Leveling .....	<b>DBHY</b>	26 lbs.	\$633.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00
Handgun (includes 25' of $\frac{1}{2}$ " hose) .....	<b>DBHG</b>	13 lbs.	\$245.00

# 500 Gallon Big Wheel Sprayer

## Features

- 500 gallon polyethylene elliptical tank with two dual jet agitators, sump, baffle and 16" liftoff manway.
- 10 gauge formed steel trailer with ground clearance of 29".
- Axle configuration allows 62"- 120" infinite wheel spacing.
- 11.2 x 38 bias 6 ply tires provide a large narrow footprint with less field compaction.
- Constant velocity PTO shaft or hydraulic driven centrifugal pump.
- The hydraulic X-fold boom features independent wing leveling and independent wing folding.
- The X-fold boom transports at 11' 9"
- All booms have stainless steel boom and hose clamps.
- Height adjustment - 2' of travel.

NOTE: Sprayer is less spray tips.

Factory set up is standard

Boom may be removed for shipping.



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



### Tank and Trailer Frame with Tires

500 Gallon Tank and Big Wheel Trailer (62" - 120" wheel spacing) (Red) ..... **9411027-10** 2229 lbs. \$10,243.00



### Pumps

NOTE: For Pump Specifications, see Component Section.

Hypro® 5 Roller Pump .....	<b>C1700D</b>	19 lbs.	\$487.00
Hypro® Gear Drive Pump with Constant Velocity PTO Shaft (C9016 540) .....	<b>9425015</b>	69 lbs.	\$1,547.00
Hypro® Belt Drive Pump with Constant Velocity PTO shaft (C9403 540S) .....	<b>9425026</b>	75 lbs.	\$1,725.00
Hypro® Hydraulic Pump (C9303HM1)(hoses included) .....	<b>9425056</b>	36 lbs.	\$1,141.00
Ace Belt Drive Pump with Constant Velocity PTO shaft (PTOC600 10B150) .....	<b>9425055</b>	75 lbs.	\$1,694.00
Ace Hydraulic Pump (FMC150HYD206) (hoses included) .....	<b>9425057</b>	44 lbs.	\$1,119.00



### Plumbing / Pump Mount

Roller Pump Kit (Manual Controls included) .....	<b>9425002</b>	44 lbs.	\$617.00
Hypro® Gear Drive Centrifugal Kit .....	<b>9425020</b>	60 lbs.	\$932.00
Hypro®/Ace Belt Drive Centrifugal Kit .....	<b>9425010</b>	55 lbs.	\$874.00
Hypro®/Ace Hydraulic Centrifugal Kit .....	<b>9425011</b>	49 lbs.	\$818.00



### Controls

Manual Controls for Centrifugal Pumps .....	<b>9428139</b>	10 lbs.	\$503.00
Solenoid Valves for Centrifugal Pumps .....	<b>9428062</b>	30 lbs.	\$1,118.00
Motorized Ball Valves for Centrifugal Pumps .....	<b>9428090</b>	35 lbs.	\$1,978.00
Raven® 440 Sprayer Control w/Motorized Ball Valves for Centrifugal Pumps .....	<b>9428043</b>	45 lbs.	\$5,182.00



### Hydraulic X-Fold Boom without Plumbing (For Manual Fold Boom, see Page 10.)

45' Hydraulic X-Fold Boom with weight transfer kit .....	<b>9488125</b>	1550 lbs.	\$10,145.00
60' Hydraulic X-Fold Boom with weight transfer kit .....	<b>9488127</b>	1620 lbs.	\$11,225.00



### X-Fold Boom Accessories

TeeJet® Drip Free (27 Nozzles) for 45' Hydraulic X-Fold Boom .....	<b>9428024</b>	20 lbs.	\$897.00
TeeJet® Drip Free (37 Nozzles) for 60' Hydraulic X-Fold Boom .....	<b>9428026</b>	25 lbs.	\$1,077.00
TeeJet® Triple Drip Free (27 Nozzles) for 45' Hydraulic X-Fold Boom .....	<b>9428046</b>	23 lbs.	\$1,202.00
TeeJet® Triple Drip Free (37 Nozzles) for 60' Hydraulic X-Fold Boom .....	<b>9428008</b>	28 lbs.	\$1,550.00
Wheel Assisted Boom Tip Protectors .....	<b>9488012</b>	27 lbs.	\$219.00

#### Light Kit .....

Light Kit .....	<b>9428084</b>	10 lbs.	\$309.00
-----------------	----------------	---------	----------



### Accessories

Quick Refill (utilizes nurse tank transfer pump for refilling) .....	<b>CPTK1</b>	15 lbs.	\$196.00
55 Gallon Water Tank and Mountings for Flushing the Sprayer Tank .....	<b>DFS55HP</b>	95 lbs.	\$895.00
33 Gallon Foam Marker (for more information, see Component Section) .....	<b>9428156</b>	107 lbs.	\$1,880.00
Chemical Eductor Vacuum Flow (for more information, see Component Section) .....	<b>9428165</b>	125 lbs.	\$1,371.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00
Feeder Line Filter Kit (60 mesh) .....	<b>9428068</b>	3 lbs.	\$134.00
Handgun (includes 25' of 1/2" hose) .....	<b>DBHG</b>	13 lbs.	\$245.00

Note: All factory setup units are tested to 90 PSI. Booms may be removed for shipping.

# 500 Gallon Tandem Axle Sprayer

## Features

- 500 gallon polyethylene elliptical tank with two dual jet agitators, sump, baffle and 16" flip-top manway.
- 10 gauge formed steel trailer with ground clearance of 29" and wheel spacings of 80"- 120" centers.
- 11L x 15 8-ply tires.
- Constant velocity PTO shaft with centrifugal pump, or hydraulic driven centrifugal pump.
- DFB boom offers manual rear folding, auto leveling and flotation suspension. 45' and 50' booms transport at 11'. 60' boom transports at 13' 10".
- All booms have stainless steel boom and hose clamps.

NOTE: Sprayer is less spray tips.

Factory set up is standard.

Boom may be removed for shipping.



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



### Tank and Trailer Frame with Tires

500 Gallon Tank and Tandem Axle Trailer (80" - 120" wheel spacing) (Red) ..... **9411028-10** 2013 lbs. \$9,153.00



### Pumps

*NOTE: For Pump Specifications, see Component Section.*

Hypro® 5 Roller Pump	<b>C1700D</b>	19 lbs.	\$487.00
Hypro® Gear Drive Pump with Constant Velocity PTO Shaft (C9016 540)	<b>9425015</b>	69 lbs.	\$1,547.00
Hypro® Belt Drive Pump with Constant Velocity PTO shaft (C9403 540S)	<b>9425026</b>	75 lbs.	\$1,725.00
Hypro® Hydraulic Pump (C9303HM1)(hoses included)	<b>9425056</b>	36 lbs.	\$1,141.00
Ace Belt Drive Pump with Constant Velocity PTO shaft (PTOC600 10B150)	<b>9425055</b>	75 lbs.	\$1,694.00
Ace Hydraulic Pump (FMC150HYD206) (hoses included)	<b>9425057</b>	44 lbs.	\$1,119.00



### Plumbing / Pump Mount

Roller Pump Kit (Manual Controls included)	<b>9425002</b>	44 lbs.	\$617.00
Hypro® Gear Drive Centrifugal Kit	<b>9425020</b>	60 lbs.	\$932.00
Hypro®/Ace Belt Drive Centrifugal Kit	<b>9425010</b>	55 lbs.	\$874.00
Hypro®/Ace Hydraulic Centrifugal Kit	<b>9425011</b>	49 lbs.	\$818.00



### Controls

Manual Controls for Centrifugal Pumps	<b>9428139</b>	10 lbs.	\$503.00
Solenoid Valves for Centrifugal Pumps	<b>9428062</b>	30 lbs.	\$1,118.00
Motorized Ball Valves for Centrifugal Pumps	<b>9428090</b>	35 lbs.	\$1,978.00
Raven® 440 Sprayer Control w/Motorized Ball Valves for Centrifugal Pumps	<b>9428043</b>	45 lbs.	\$5,182.00



### Manual Fold Boom without Plumbing (For Hydraulic X-Fold Boom, see Page 9.)

45' floating boom	<b>DFB45B</b>	608 lbs.	\$4,519.00
60' floating boom	<b>DFB60B</b>	690 lbs.	\$5,444.00

### Manual Fold Boom Accessories

TeeJet® Drip Free (27 Nozzles) for 45' Manual Fold Boom	<b>9428051</b>	20 lbs.	\$817.00
TeeJet® Drip Free (37 Nozzles) for 60' Manual Fold Boom	<b>9428053</b>	25 lbs.	\$1,077.00
Wheel Assisted Boom Tip Protectors	<b>DFBTP</b>	27 lbs.	\$219.00
Hydraulic Height Adjuster (24" travel)	<b>9428009</b>	190 lbs.	\$1,190.00
Hydraulic Boom Leveling (for manual fold booms)	<b>DFHY</b>	28 lbs.	\$720.00



### Accessories

Quick Refill (utilizes nurse tank transfer pump for refilling)	<b>CPTK1</b>	15 lbs.	\$196.00
55 Gallon Water Tank and Mountings for Flushing the Sprayer Tank	<b>DFS55HP</b>	95 lbs.	\$895.00
33 Gallon Foam Marker (for more information, see Component Section)	<b>9428156</b>	107 lbs.	\$1,880.00
Chemical Eductor Vacuum Flow (for more information, see Component Section)	<b>9428165</b>	125 lbs.	\$1,371.00
Fence Line Spray Kit, Electric	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual	<b>9428003</b>	5 lbs.	\$82.00
Feeder Line Filter Kit (60 mesh)	<b>9428068</b>	3 lbs.	\$134.00
Handgun (includes 25' of 1/2" hose)	<b>DBHG</b>	13 lbs.	\$245.00

**Note: All factory setup units are tested to 90 PSI. Booms may be removed for shipping.**

# 850 Gallon Big Wheel

*with 45', 60' or 66' boom*



**Pendant boom control with live hydraulic front fold models**



## Features

- The 850 gallon polyethylene tank has a 16" flip-top lid and 2 high volume jet agitators. Its molded-in trough drains spills to rear of sprayer. The 100 gallon 2 stage sump provides optimum tank drainage and decreases sloshing.
- External liquid site gauge
- 120 gallon rear mounted rinse tank
- 2 1/2 gallon hand wash tank
- 1/4" steel-formed frame with 30" ground clearance, reducing crop damage.
- 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"
- 7000 lb. tongue jack
- Large storage compartment conveniently located for storing extra nozzles, clamps, etc.
- Single tube hitch frame allows for improved turning. The cast hitch 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.
- Centrally located controls for convenient valve operation
- 160 lb. glycerin-filled gauge
- 2" quick couplers for bottom filling tanks
- 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.
- 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.
- Boom folds to a transport width of 9' 6".
- Booms are available with 3/4" high volume plumbing and TeeJet® diaphragm check nozzles spaced at 20".
- All booms have stainless steel boom and hose clamps
- Light system consists of flasher/turn signal and taillights for added road safety.
- 7 gallon chemical eductor (optional)
- 33 gallon foam marker (optional)
- Approximate weight 6000 lbs



**Electric motorized ball valves**



**Chemical Eductor**

NOTE: Sprayer is less spray tips.  
Factory setup is standard.  
All sprayer plumbing is tested to 90 PSI.



### Trailer Assembly with Tank

Includes 38" wheels & tires

850 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Red) .....	<b>9411134-10</b>	\$20,556.00
850 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Black) .....	<b>9411134-76</b>	\$20,556.00
850 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red) .....	<b>9411135-10</b>	\$21,297.00
850 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black) .....	<b>9411135-76</b>	\$21,297.00



### Pumps

Hypro® Hydraulic Pump with Life Guard™ Seal & Flanged Ports (hoses included)(C9314HM1) .....	<b>9425073</b>	40 lbs.	\$1,536.00
Ace Hydraulic Pump with Silicone Carbide Seal & Flanged ports (FMC150HYD304) (hoses included) .....	<b>9425074</b>	38 lbs.	\$1,466.00



### Plumbing

Motorized Ball Valves (console included) .....	<b>9425075</b>	35 lbs.	\$2,381.00
Raven® Flow Meter, Regulator, & Trailer Wire Harness w/3 Motorized Valves & Plumbing (7 valves maximum) .....	<b>9425078</b>		\$2,929.00



### Controls

Raven® 440 Automatic Rate Control, Cable and Speed Sensor .....	<b>9425086</b>	\$2,578.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT .....	<b>9425096</b>	\$4,855.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT .....	<b>9425095</b>	\$3,267.00

**Note: Unlock required from OEM**



### Boom without Plumbing

#### Hydraulic Front Fold Boom

45' Hydraulic Front Fold Boom .....	<b>9488132</b>	\$13,424.00
60' Hydraulic Front Fold Boom .....	<b>9488134</b>	\$14,038.00
66' Hydraulic Front Fold Boom .....	<b>9488135</b>	\$14,407.00

### Front Fold Boom Accessories

TeeJet® Drip Free (27 Nozzles) for 45' Boom .....	<b>9428118</b>	20 lbs.	\$897.00
TeeJet® Triple Drip Free (27 Nozzles) for 45' Boom .....	<b>9428121</b>	23 lbs.	\$1,202.00
TeeJet® Drip Free (37 Nozzles) for 60' Boom .....	<b>9428108</b>	25 lbs.	\$1,077.00
TeeJet® Triple Drip Free (37 Nozzles) for 60' Boom .....	<b>9428109</b>	28 lbs.	\$1,567.00
TeeJet® Drip Free (40 Nozzles) for 66' Boom .....	<b>9428120</b>	25 lbs.	\$1,122.00
TeeJet® Triple Drip Free (40 Nozzles) for 66' Boom .....	<b>9428123</b>	30 lbs.	\$1,644.00
Wheel Assisted Boom Tip Protectors .....	<b>9488013</b>	27 lbs.	\$179.00



### Accessories

Astro II GPS Speed Sensor 1Hz (for use with Raven® 440) .....	<b>14071</b>	1 lbs.	\$468.00
2" Flow Meter with digital display for tank fill .....	<b>9428163</b>	5 lbs.	\$1,234.00
33 Gallon Foam Marker Charcoal Tank (for more information, see Component Section) .....	<b>9428167</b>	107 lbs.	\$1,880.00
33 Gallon Foam Marker Yellow Tank (for more information, see Component Section) .....	<b>9428156</b>	107 lbs.	\$1,880.00
Chemical Eductor Vacuum Flow (for more information, see Component Section) .....	<b>9428164</b>	125 lbs.	\$1,705.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00

**Note: All units are factory setup and tested to 90 PSI. 15" nozzle spacing available by special order.**



# 1050 Gallon Big Wheel

*with 45', 60'  
or 66' boom*



*Pendant  
boom control  
with live  
hydraulic  
front fold  
models*



## Features

- The 1050 gallon polyethylene tank has a 16" flip-top lid and 2 high volume jet agitators. It's molded-in trough drains spills to rear of sprayer. The 100 gallon 2 stage sump provides optimum tank drainage and decreases sloshing.
- External liquid site gauge
- 120 gallon rear mounted rinse tank
- 2 1/2 gallon hand wash tank
- 1/4" steel-formed frame with 30" ground clearance, reducing crop damage.
- 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"
- 7000 lb. tongue jack
- Large storage compartment conveniently located for storing extra nozzles, clamps, etc.
- Single tube hitch frame allows for improved turning. The cast hitch can be adjusted vertically in 1 1/2" increments.
- 13.6 x 38 bias tire.
- 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.
- Centrally located controls for convenient valve operation
- 160 lb. glycerin-filled gauge
- 2" quick couplers for bottom filling tanks
- 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.
- 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.
- Boom folds to a transport width of 9' 6".
- Booms are available with 3/4" high volume plumbing and TeeJet® diaphragm check nozzles spaced at 20".
- All booms have stainless steel boom and hose clamps
- Light system consists of flasher/turn signal and taillights for added road safety.
- 7 gallon chemical eductor (optional)
- 33 gallon foam marker (optional)
- Approximate weight 6100 lbs

NOTE: Sprayer is less spray tips.

Factory setup is standard.

All sprayer plumbing is tested to 90 PSI.



### Trailer Assembly with Tank

Includes 38" wheels & tires

1050 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Red) . . . . .	<b>9411139-10</b>	\$22,129.00
1050 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Black) . . . . .	<b>9411139-76</b>	\$22,129.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red) . . . . .	<b>9411140-10</b>	\$23,704.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black) . . . . .	<b>9411140-76</b>	\$23,704.00



### Pumps

Hypro® Hydraulic Pump with Life Guard™ Seal & Flanged Ports (hoses included)(C9314HM1) . . . . .	<b>9425073</b>	40 lbs.	\$1,536.00
Ace Hydraulic Pump with Silicone Carbide Seal & Flanged ports (FMC150HYD304) (hoses included) . . . . .	<b>9425074</b>	38 lbs.	\$1,466.00



### Plumbing

Motorized Ball Valves (console included) . . . . .	<b>9425075</b>	35 lbs.	\$2,381.00
Raven® Flow Meter, Regulator, & Trailer Wire Harness w/3 Motorized Valves & Plumbing (7 valves maximum) . . . . .	<b>9425078</b>		\$2,929.00



### Controls

Raven® 440 Automatic Rate Control, Cable and Speed Sensor . . . . .	<b>9425086</b>		\$2,578.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT . . . . .	<b>9425096</b>		\$4,855.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT . . . . .	<b>9425095</b>		\$3,267.00

**Note: Unlock required from OEM**



### Boom without Plumbing

#### Hydraulic Front Fold Boom

45' Hydraulic Front Fold Boom . . . . .	<b>9488132</b>		\$13,424.00
60' Hydraulic Front Fold Boom . . . . .	<b>9488134</b>		\$14,038.00
66' Hydraulic Front Fold Boom . . . . .	<b>9488135</b>		\$14,407.00

### Front Fold Boom Accessories

TeeJet® Drip Free (27 Nozzles) for 45' Boom . . . . .	<b>9428118</b>	20 lbs.	\$897.00
TeeJet® Triple Drip Free (27 Nozzles) for 45' Boom . . . . .	<b>9428121</b>	23 lbs.	\$1,202.00
TeeJet® Drip Free (37 Nozzles) for 60' Boom . . . . .	<b>9428108</b>	25 lbs.	\$1,077.00
TeeJet® Triple Drip Free (37 Nozzles) for 60' Boom . . . . .	<b>9428109</b>	28 lbs.	\$1,567.00
TeeJet® Drip Free (40 Nozzles) for 66' Boom . . . . .	<b>9428120</b>	25 lbs.	\$1,122.00
TeeJet® Triple Drip Free (40 Nozzles) for 66' Boom . . . . .	<b>9428123</b>	30 lbs.	\$1,644.00
Wheel Assisted Boom Tip Protectors . . . . .	<b>9488013</b>	27 lbs.	\$179.00



### Accessories

Astro II GPS Speed Sensor 1Hz (for use with Raven® 440) . . . . .	<b>14071</b>	1 lbs.	\$468.00
2" Flow Meter with digital display for tank fill . . . . .	<b>9428163</b>	5 lbs.	\$1,234.00
33 Gallon Foam Marker Charcoal Tank (for more information, see Component Section) . . . . .	<b>9428167</b>	107 lbs.	\$1,880.00
33 Gallon Foam Marker Yellow Tank (for more information, see Component Section) . . . . .	<b>9428156</b>	107 lbs.	\$1,880.00
Chemical Eductor Vacuum Flow (for more information, see Component Section) . . . . .	<b>9428164</b>	125 lbs.	\$1,705.00
Fence Line Spray Kit, Electric . . . . .	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual . . . . .	<b>9428003</b>	5 lbs.	\$82.00

**Note: All units are factory setup and tested to 90 PSI. 15" nozzle spacing available by special order.**



# 1050 & 1250 Gallon Big Wheel

*with  
80/90'  
boom*

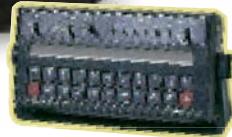
## HYDRAULICS NOTES

Tractor must be equipped with closed center hydraulic system.



## Features

- The 1050 & 1250 gallon polyethylene tank has a 16" flip-top lid and 2 high volume jet agitators. It's molded-in trough drains spills to rear of sprayer. The 100 gallon 2 stage sump provides optimum tank drainage and decreases sloshing.
- External liquid site gauge
- 120 gallon rear mounted rinse tank
- 2 ½ gallon hand wash tank
- ¼" steel-formed frame with 30" ground clearance, reducing crop damage.
- 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"
- 7000 lb. tongue jack
- Large storage compartment conveniently located for storing extra nozzles, clamps, etc.
- Single tube hitch frame allows for improved turning. The cast hitch can be adjusted vertically in 1 ½" 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.
- Centrally located controls for convenient valve operation
- 160 lb. glycerin-filled gauge
- 2" quick couplers for bottom filling tanks
- 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.
- The Hydraulic pendant/block for use with closed center tractor hydraulic system.
- Booms feature wing fold, hydraulic height adjust, independent wing leveling and outer wing breakaway.
- Boom can be folded to spray in a 60' or an unfolded 80 / 90' width.
- Boom folds to a transport width of 12'.
- Booms are available with ¾" high volume plumbing and TeeJet® diaphragm check nozzles spaced at 20".
- Boom plumbing offers a choice of either single or triple drip free diaphragm check nozzles.
- Light system consists of flasher/turn signal and taillights for added road safety.
- 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. (optional).
- 7 gallon chemical eductor (optional)
- 33 gallon foam marker (optional)
- Approximate weight 1050: 6700 lbs, 1250: 7600 lbs



**Raven® 450  
sprayer control  
system**



**Astro II GPS Speed Sensor for  
use with Raven® 450**



**Chemical  
Eductor**



**2" Flow Meter with digital display**



**Pendant boom  
control with live  
hydraulic front  
fold models**

NOTE: Sprayer is less spray tips.

Factory setup is standard.

All sprayer plumbing is tested to 90 PSI.



### Trailer Assembly with Tank

*Includes 46" wheels & tires*

1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red) . . . . .	<b>9411141-10</b>	\$27,258.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black) . . . . .	<b>9411141-76</b>	\$27,258.00
1250 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red) . . . . .	<b>9411138-10</b>	\$28,388.00
1250 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black) . . . . .	<b>9411138-76</b>	\$28,388.00



### Pumps

Hypro® Hydraulic Pump with Life Guard™ Seal & Flanged Ports (hoses included)(C9314HM1) . . . . .	<b>9425073</b>	40 lbs.	\$1,536.00
Ace Hydraulic Pump with Silicone Carbide Seal & Flanged ports (FMC150HYD304) (hoses included) . . . . .	<b>9425074</b>	38 lbs.	\$1,466.00



### Plumbing

Raven® Flow Meter, Regulator, & Trailer Wire Harness w/5 Motorized Valves & Plumbing (7 valves maximum) . . . . .	<b>9425081</b>	\$3,628.00
---	----------------	------------



### Controls

Raven® 450 Automatic Rate Control, Cable and Speed Sensor . . . . .	<b>9425087</b>	\$2,886.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT . . . . .	<b>9425096</b>	\$4,855.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT . . . . .	<b>9425095</b>	\$3,267.00

**Note: Unlock required from OEM**



### Boom without Plumbing

#### Hydraulic Front Fold Boom

60', 80/90' Combination Hydraulic Front Fold Boom (Tractor must be equipped with closed center hydraulic system.) . . . . .	<b>9488130</b>	\$22,712.00
<i>Note: For 80' spray pattern, outer 5' sections can be removed.</i>		

#### Front Fold Boom Accessories

TeeJet® Drip Free (55 Nozzles) for 60', 80/90' Boom . . . . .	<b>9428159</b>	\$1,400.00
TeeJet® Triple Drip Free (55 Nozzles) for 60', 80/90' Boom . . . . .	<b>9428160</b>	\$2,146.00
Hydraulic Glide Suspension System (factory installed only) (Tractor must be equipped with closed center hydraulic system.) . . . . .	<b>9428152</b>	20 lbs. \$3,660.00



### Accessories

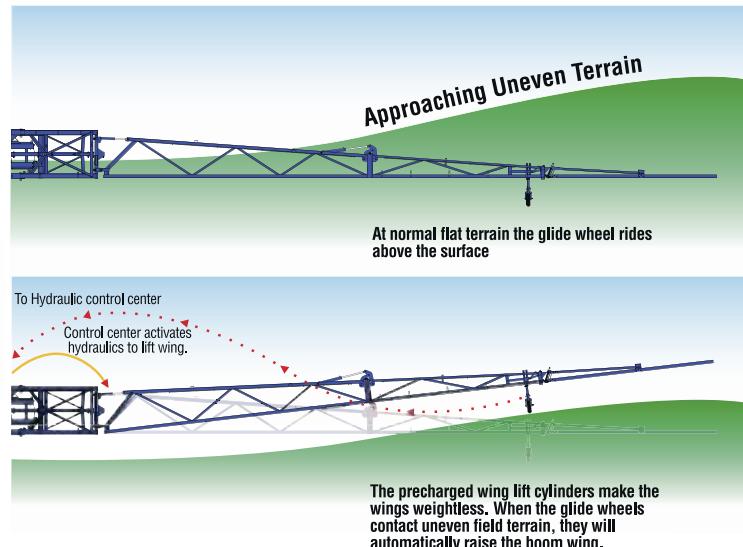
Astro II GPS Speed Sensor 1Hz (for use with Raven® 450) . . . . .	<b>14071</b>	1 lbs. \$468.00
2" Flow Meter with digital display for tank fill . . . . .	<b>9428163</b>	5 lbs. \$1,234.00
33 Gallon Foam Marker Charcoal Tank (for more information, see Component Section) . . . . .	<b>9428168</b>	107 lbs. \$1,975.00
33 Gallon Foam Marker Yellow Tank (for more information, see Component Section) . . . . .	<b>9428157</b>	107 lbs. \$1,975.00
Chemical Eductor Vacuum Flow (for more information, see Component Section) . . . . .	<b>9428164</b>	125 lbs. \$1,705.00
Fence Line Spray Kit, Electric . . . . .	<b>9428002</b>	5 lbs. \$174.00

**Note: All units are factory setup and tested to 90 PSI. 15" nozzle spacing available by special order.**

## HOW THE HYDRAULIC GLIDE SUSPENSION WORKS



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



# 1200 Gallon SIDEQUEST® Sprayers



U.S. Patent No. 6,286,870 & 8,839,999

## FEATURES

- Two 600 gallon polyethylene tanks with 16" fillwells, molded sight gauge, large centered drainage sump and high volume jet agitator.
- Better visibility - Tanks are mounted longitudinal for superb visibility.
- Tank mounting brackets deliver excellent front to rear weight distribution ratio (25% front; 75% rear) and optimal row crop spraying clearance. 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.
- 3.5" rear spindle diameter with oil bathed tapered bearings located under tank, resulting in exceptional weight distribution
- Transport Width - 16' 11" when wheels/tracks are set on 120" centers.
- Tanks and brackets designed for optimal row crop spraying clearance
- 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. The guide wheels activate the hydraulic system and automatically adjust for uneven terrain. Guide wheels have puncture proof tires. (optional).
- Quick & easy - 3-point rear mount hookup with quick couple plumbing and jack stands for easy installation and removal. Fits category II or III.
- Easy access control panel - makes easy work of preparation, refilling and clean-up.
- 100 gallon rinse tank - thoroughly flushes entire system.
- Front mounted step and work platform. (Optional)

NOTE: Tractors with aftermarket dual hubs may require different mounting bolts.

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

NOTE: Front fenders need to be removed on most models. Factory setup is standard for 3-point frame and boom assembly.

NOTE: Not applicable on Tractors with mid frame hydraulics and front 3-point.



*Easy access controls.*



*Easy attach tank mounts.*



**Tanks & Brackets with 10 bolt hub assembly**

1200 Gallon, White Tanks, 30" row spacing .....	<b>9422238</b>	3550 lbs.	\$17,396.00
1200 Gallon, Charcoal Tanks, 30" row spacing .....	<b>9422234</b>	3550 lbs.	\$17,396.00
1200 Gallon, Yellow Tanks, 30" row spacing .....	<b>9422233</b>	3550 lbs.	\$17,396.00
Order White Tanks for optimum fluid level visibility			

**Tractor Mounting Brackets** (Brackets are required.)

Case IH® Magnum™ Tier 4 Emissions System 180, 190, 210, & 225 (Will not fit 4.75 front suspension) .....	<b>9422197</b>	340 lbs.	\$2,352.00
Tractors with optional water/fuel separator - relocation kit .....	<b>6032</b>	5 lbs.	\$55.00
Case IH® MX Magnum™ 180, 200, 210, 220, 230, 240, 255, 270, & 285 .....	<b>9422197</b>	340 lbs.	\$2,352.00
Case IH® MX 215, 245, 275 & 305 .....	<b>9422197</b>	340 lbs.	\$2,352.00
Case IH® Magnum™ Tier 3 Emissions System 245, 275, 305 & **335 .....	<b>9422197</b>	340 lbs.	\$2,352.00
** Not applicable for 335 with front axel suspension			
Case IH® Magnum™ Tier 4 Emissions System 235, 260, 290, 315 & ***340 & 370 .....	<b>9422183</b>	340 lbs.	\$2,352.00
***340 Tier 4 Emissions System hydraulic hose kit .....	<b>14063</b>	5 lbs.	\$108.46
Case IH® Magnum™ Tier 4B Emissions System 250, 280, 310, ***340 & 380 .....	<b>9422225</b>	340 lbs.	\$2,352.00
***340 & 380 Tier 4B Emissions System hydraulic hose kit .....	<b>14063</b>	5 lbs.	\$108.46
Spacer kit for models with CVT Transmission .....	<b>6127</b>		\$172.00
Tractors with front suspension that have factory line interference will need a line kit from Case IH®			
Tractors with optional water/fuel separator - relocation kit .....	<b>6032</b>	5 lbs.	\$55.00
Challenger® MT645C/D, MT655C/D, MT665C/D, MT675C/D, & MT685C/D with stamped wheels .....	<b>9422218</b>		\$2,352.00
Massey Ferguson® 8650, 8660, 8670, 8680 & 8690 with stamped wheels .....	<b>9422218</b>		\$2,352.00
New Holland® TG210, TG215, TG230, TG245, TG255, TG275, TG285, TG305, T8010, T8020, T8030, T8040 & T8050 .....	<b>9422191</b>	340 lbs.	\$2,352.00
New Holland® 4A T8.275, T8.300, T8.330, T8.360 & T8.390 NA for front suspension .....	<b>9422193</b>	340 lbs.	\$2,352.00
New Holland® 4B T8.320, T8.350, T8.380, T8.410 & T8.435 NA for front suspension .....	<b>9422236</b>	340 lbs.	\$2,352.00
Spacer kit required on 4B Emission models .....	<b>6110</b>		\$562.00
Tractors with optional water/fuel separator - relocation kit .....	<b>6027</b>	5 lbs.	\$16.00
John Deere® 7200R, 7215R, 7230R, 7260R, 7280R, 7210R, 7230R, 7250R, 7270R, 7290R & 7310R .....	<b>9422190</b>	340 lbs.	\$2,352.00
*John Deere® 8100, 8200, 8300, 8400, 8110, 8210, 8310, 8410, 8120, 8220, 83208120, 8220, 8320, 8420, 8520, 8130, 8230 FT4 8245R, 8270R, 8295R & 8320R with powershift transmission & heavy duty hubs .....	<b>9422229</b>	180 lbs.	\$2,352.00
*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, 8245R, 8270R, 8295R, 8320R, 8345R, & 8370R w/ HD hubs .....	<b>9422230</b>	230 lbs.	\$2,352.00
*For tractors with standard Hubs order Kit .....	<b>6072</b>		\$173.00
Tractors with optional water/fuel separator - relocation kit .....	<b>6139</b>	5 lbs.	\$55.00

**Three Point Frame**

Three Point Frame .....	<b>9488131</b>		\$4,029.00
-------------------------	----------------	--	------------

**Pumps**

Ace Hydraulic Pump (FMC150HYD304) (hose kit included) .....	<b>9425068</b>	33 lbs.	\$1,406.00
Hypro Hydraulic Pump (C9314HM1) (hose kit included) .....	<b>9425067</b>	35 lbs.	\$1,516.00

**Plumbing / Pump Mount / Ball Valves**

Raven® Flow Meter, Regulator, & Trailer Wire Harness w/5 Motorized Valves & Plumbing (7 valves maximum) .....	<b>9425084</b>		\$5,721.00
---	----------------	--	------------

**Controls**

Raven® 450 Automatic Rate Control, Power Cable and Astro II GPS Speed Sensor 1Hz .....	<b>9425088</b>		\$2,578.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT .....	<b>9425096</b>		\$4,855.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT .....	<b>9425095</b>		\$3,267.00

**Note: Unlock required from OEM****Boom without Plumbing**

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.) .....	<b>9488137</b>		\$22,712.00
--	----------------	--	-------------

**Front Fold Boom Accessories**

NOTE: Order Spray Tips Separately TeeJet® Drip Free (55 nozzles) for 60', 80/90' Hydraulic Front Fold Boom (5 section) .....	<b>9428159</b>		\$1,400.00
TeeJet® Triple Drip Free (55 nozzles) for 60', 80/90' Hydraulic Front Fold Boom (5 section) .....	<b>9428160</b>		\$2,146.00
Hydraulic Glide Suspension System (factory installed only) (Tractor must be equipped with closed center hydraulic system.) .....	<b>9428152</b>	20 lbs.	\$3,660.00

**Accessories**

33 Gallon Charcoal Foam Marker .....	<b>9428168</b>	111 lbs.	\$1,975.00
33 Gallon Yellow Foam Marker .....	<b>9428157</b>	111 lbs.	\$1,975.00
Hydraulic Glide Suspension System .....	<b>9428152</b>		\$3,660.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
36" row spacing kit for Case IH Tier 4A .....	<b>6041</b>		\$518.00
36" row spacing kit .....	<b>6044</b>		\$562.00
38/40" row spacing kit for JD® 8000 Series .....	<b>6156</b>		\$1,435.00
Tank Sight Gauge (Kit to do one tank) .....	<b>6202</b>		\$30.00

**Note: All units are factory setup and tested to 90 PSI. 15" nozzle spacing available by special order.**

# Pull Type fertilizer applicator



## FEATURES

- The 1050/1250 gallon polyethylene tank has a 16" flip-top lid and 2 high volume jet agitators. It's molded-in trough drains spills to rear of sprayer. The 100 gallon 2 stage sump provides optimum tank drainage and decreases sloshing.
- External liquid site gauge.
- 2 ½ gallon hand wash tank.
- ¼" steel-formed frame with 30" ground clearance, reducing crop damage.
- 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"
- 10,000 lb. tongue jack.
- Large storage compartment.
- Single tube hitch frame allows for improved turning. The cast hitch can be adjusted vertically in 2 ¼" increments.
- 13.6 x 38 bias tires or 320 / 90R46 radial tires.
- 50 mesh main filter and 60 mesh feeder line filters prevent tip plugging.

- Centrally located controls for convenient valve operation.
- 160 lb SS. glycerin-filled gauge.
- 3" quick couplers for bottom filling tanks.
- Light system consists of flasher/turn signal and taillights for added road safety.
- Double bar (5x7) design provides maximum strength.
- Bar uses a center linkage with two cylinders attached. One cylinder is for folding and the second is for wing "Kick Up". This feature "kicks" the wings up 8 degrees to avoid knocking crops down when turning on headlands.
- Hydraulic down pressure to keep coulters in the ground. Down pressure can easily be adjusted without the use of tools.
- 25" Crop clearance from bottom of coulter.
- The bar can be folded from 40' to 30' by folding the outer wings.
- The bar can be folded from 60' to 40' by folding the outer wings.
- Transport width - 19' 7".

NOTE: Toolbar is less StreamJet® Injector Tips and Orifices  
Factory setup is standard.



**Pull Type Fertilizer Applicator***Includes 38" wheels & tires*

Trailer 1050 Red with 30' Toolbar (11 coulters on 30" rows, sold separately) .....	<b>9413084-10</b>	\$39,745.00
Trailer 1050 Black with 30' Toolbar (11 coulters on 30" rows, sold separately) .....	<b>9413084-30</b>	\$39,745.00
Trailer 1050 Red with 40' Toolbar (15 coulters on 30" rows, sold separately) .....	<b>9413073-10</b>	\$44,320.00
Trailer 1050 Black with 40' Toolbar (15 coulters on 30" rows, sold separately) .....	<b>9413073-30</b>	\$44,320.00

*Includes 46" wheels & tires*

Trailer 1250 Red with 40' Toolbar (15 coulters on 30" rows, sold separately) .....	<b>9413074-10</b>	\$47,800.00
Trailer 1250 Black with 40' Toolbar (15 coulters on 30" rows, sold separately) .....	<b>9413074-30</b>	\$47,800.00
Trailer 1250 Red with 60' Toolbar (23 coulters on 30" rows, sold separately) .....	<b>9413076-10</b>	\$66,586.00
Trailer 1250 Black with 60' Toolbar (23 coulters on 30" rows, sold separately) .....	<b>9413076-30</b>	\$66,586.00

**Coulter**

20" Smooth Blade with Injector, Shield .....	<b>9413002</b>	each	\$730.00
20" Smooth Blade with Knife, Shield .....	<b>9413003</b>	each	\$765.00
20" Crucible Fluted Blade with Injector, Shield .....	<b>9413022</b>	each	\$730.00
20" Crucible Fluted Blade with Knife, Shield .....	<b>9413023</b>	each	\$765.00
20" Smooth Blade with Injector, Gen III Yetter .....	<b>9413004</b>	each	\$730.00
20" Smooth Blade with Knife, Gen III Yetter .....	<b>9413005</b>	each	\$694.00
20" Rippled Blade with Spring Tine Injector, Gen III Yetter .....	<b>9413026</b>	each	\$730.00
20" Rippled Blade with Knife, Gen III Yetter .....	<b>9413027</b>	each	\$694.00
20" Smooth Blade with Injector, Xtreme Yetter (Requires Orifice) .....	<b>9413006</b>	each	\$807.00
20" Smooth Blade with Knife, Xtreme Yetter .....	<b>9413007</b>	each	\$771.00
20" Rippled Blade with Injector, Xtreme Yetter (Requires Orifice) .....	<b>9413029</b>	each	\$807.00
20" Rippled Blade with Knife, Xtreme Yetter .....	<b>9413030</b>	each	\$771.00
20" Smooth Blade with Spring Tine Injector, 2996 Parallel Yetter .....	<b>9413032</b>	each	\$873.00
20" Smooth Blade with Knife, 2996 Parallel Yetter .....	<b>9413033</b>	each	\$837.00
20" Rippled Blade with Spring Tine Injector, 2996 Parallel Yetter .....	<b>9413034</b>	each	\$873.00
20" Rippled Blade with Knife, 2996 Parallel Yetter .....	<b>9413035</b>	each	\$837.00

**Pumps**

Hypro Hydraulic Stainless Steel Pump (9306S-HM1C- B3U) (hoses included) .....	<b>9413061</b>	\$2,394.00
Hypro Hydraulic Pump (9306C-HM1C- BU) (hoses included) .....	<b>9413062</b>	\$1,769.00
Ace Hydraulic Stainless Steel Pump (FMC-150FS-HYD- 206) (hoses included) .....	<b>9413063</b>	\$2,244.00
Ace Hydraulic Pump (FMC-150-HYD- 304) (hoses included) .....	<b>9413064</b>	\$1,650.00

**Plumbing / Pump Mount / Ball Valves**

30" 15 Coulter, 3 Section .....	<b>9413065</b>	\$3,957.00
30" 15 Coulter, 5 Section .....	<b>9413066</b>	\$4,598.00
30" 17 Coulter, 3 Section .....	<b>9413067</b>	\$4,125.00
30" 17 Coulter, 5 Section .....	<b>9413068</b>	\$4,767.00
30" 23 Coulter, 3 Section .....	<b>9413069</b>	\$4,193.00
30" 23 Coulter, 5 Section .....	<b>9413070</b>	\$4,884.00
30" 25 Coulter, 3 Section .....	<b>9413071</b>	\$4,385.00
30" 25 Coulter, 5 Section .....	<b>9413072</b>	\$5,061.00

**Controls**

Raven® 440 Rate Controller, 3 Section, GPS Speed Sensor 1Hz .....	<b>9425092</b>	\$2,782.00
Raven® 450 Rate Controller, 5 Section, GPS Speed Sensor 1Hz .....	<b>9425093</b>	\$3,044.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT .....	<b>9425096</b>	\$4,855.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT .....	<b>9425095</b>	\$3,267.00

**Note: Unlock required from OEM****Accessories**

Offset Kit for 20" Rows, Shield .....	<b>9413025</b>	\$313.00
Offset Kit for 20" Rows, Yetter .....	<b>9413028</b>	\$313.00
Coulter Extension Kit 40' Tool Bar for 17 (30" rows) or 25 (20" rows) (2 required) .....	<b>15015-76</b>	each
Coulter Extension Kit 60' Tool Bar for 25 (30" rows) or 37 (20' rows) (2 required) .....	<b>15016-76</b>	each



# Three Point fertilizer Applicator



## FEATURES

- Bar uses a center linkage with two cylinders attached. One cylinder is for folding and the second is for wing "Kick Up". This feature "kicks" the wings up 8 degrees to avoid knocking crops down when turning on headlands.
- The "Kick Up" cylinder and "Folding" cylinder are on two separate hydraulic blocks so when the tool bar is unfolded the bar will be in the "Kicked" up position. This feature prevents the coulters from crashing into the ground.
- Hydraulic down pressure to keep coulters in the ground. Down pressure can easily be adjusted without the use of tools.
- The 40' bar has built in flex that allows the inner wing to move 8 degrees above and below horizontal.
- The bar can be folded from 40' to 30' by folding the outer wings.
- Category "3" or "4" rear mount brackets may be used with "Quick Attach" three point hookup.
- Transport width - 19' 7"



**Three Point Toolbar**

30' Three Point Toolbar (11 coulters on 30" rows, sold separately)	9413081	\$17,744.00
40' Three Point Toolbar (15 coulters on 30" rows, sold separately)	9413001	\$21,714.00
60' Three Point Toolbar (23 coulters on 30" rows, sold separately)	9413048	\$36,574.00

**Coulter**

20" Smooth Blade with Injector, Shield	9413002	each	\$730.00
20" Smooth Blade with Knife, Shield	9413003	each	\$765.00
20" Crucible Fluted Blade with Injector, Shield	9413022	each	\$730.00
20" Crucible Fluted Blade with Knife, Shield	9413023	each	\$765.00
20" Smooth Blade with Injector, Gen III Yetter	9413004	each	\$730.00
20" Smooth Blade with Knife, Gen III Yetter	9413005	each	\$694.00
20" Rippled Blade with Spring Tine Injector, Gen III Yetter	9413026	each	\$730.00
20" Rippled Blade with Knife, Gen III Yetter	9413027	each	\$694.00
20" Smooth Blade with Injector, Xtreme Yetter (Requires Orifice)	9413006	each	\$807.00
20" Smooth Blade with Knife, Xtreme Yetter	9413007	each	\$771.00
20" Rippled Blade with Injector, Xtreme Yetter (Requires Orifice)	9413029	each	\$807.00
20" Rippled Blade with Knife, Xtreme Yetter	9413030	each	\$771.00
20" Smooth Blade with Spring Tine Injector, 2996 Parallel Yetter	9413032	each	\$873.00
20" Smooth Blade with Knife, 2996 Parallel Yetter	9413033	each	\$837.00
20" Rippled Blade with Spring Tine Injector, 2996 Parallel Yetter	9413034	each	\$873.00
20" Rippled Blade with Knife, 2996 Parallel Yetter	9413035	each	\$837.00

**Pumps**

Hypro Hydraulic Stainless Steel Pump (9306S-HM1C- B3U) (hoses included)	9413008	\$2,409.00
Hypro Hydraulic Pump (9306C-HM1C- BU) (hoses included)	9413009	\$1,701.00
Ace Hydraulic Stainless Steel Pump (FMC-150FS-HYD- 206) (hoses included)	9413010	\$2,255.00
Ace Hydraulic Pump (FMC-150-HYD- 304) (hoses included)	9413011	\$1,659.00

**40' Plumbing**

30" 15 Coulter, 3 Section	9413012	\$3,766.00
30" 15 Coulter, 5 Section	9413013	\$4,403.00
30" 17 Coulter, 3 Section	9413014	\$3,982.00
30" 17 Coulter, 5 Section	9413015	\$4,619.00
20" 23 Coulter, 3 Section	9413016	\$4,208.00
20" 23 Coulter, 5 Section	9413017	\$4,845.00
20" 25 Coulter, 3 Section	9413018	\$4,321.00
20" 25 Coulter, 5 Section	9413019	\$4,958.00

**60' Plumbing**

30" 23 Coulter, 3 Section	9413049	\$4,064.00
30" 23 Coulter, 5 Section	9413050	\$4,742.00
30" 25 Coulter, 3 Section	9413051	\$4,290.00
30" 25 Coulter, 5 Section	9413052	\$4,917.00
20" 35 Coulter, 3 Section	9413053	\$4,464.00
20" 35 Coulter, 5 Section	9413054	\$5,102.00
20" 37 Coulter, 3 Section	9413055	\$4,655.00
20" 37 Coulter, 5 Section	9413056	\$5,215.00

**Controls**

Raven® 440 Rate Controller, 3 Section, GPS Speed Sensor 1Hz	9425092	\$2,782.00
Raven® 450 Rate Controller, 5 Section, GPS Speed Sensor 1Hz	9425093	\$3,044.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT	9425096	\$4,855.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT	9425095	\$3,267.00

**Note: Unlock required from OEM****Accessories**

Offset Kit for 20" Rows, Shield	9413025	\$313.00
Offset Kit for 20" Rows, Yetter	9413028	\$313.00
Coulter Extension Kit 40' Tool Bar for 17 (30" rows) or 25 (20" rows) (2 required)	15015-76	each
Coulter Extension Kit 60' Tool Bar for 25 (30" rows) or 37 (20' rows) (2 required)	15016-76	each
Adjustable Hitch for pull behind implement	9413046	each
Three Point Limit Switch	9413080	each

**StreamJet® Injector Tips and Orifices See Page 62**

# Tractor Mount Quick fit List

## CASE IH

MODEL	Quick Tach 400	Quick Tach 500	Inline/Tear Drop 600	SideQuest 700 &1000	SideQuest 1200
MX Magnum 200	N/A	N/A	9422199	9422196	9422197
MX Magnum 210	N/A	N/A	9422199	9422196	9422197
MX Magnum 220	N/A	N/A	9422199	9422196	9422197
MX Magnum 230	N/A	N/A	9422199	9422196	9422197
MX Magnum 240	N/A	N/A	9422199	9422196	9422197
MX Magnum 255	N/A	N/A	9422199	9422196	9422197
MX Magnum 270	N/A	N/A	9422199	9422196	9422197
MX Magnum 285	N/A	N/A	9422199	9422196	9422197
MX 215	N/A	N/A	9422199	9422196	9422197
MX 245	N/A	N/A	9422199	9422196	9422197
MX 275	N/A	N/A	9422199	9422196	9422197
MX 305	N/A	N/A	9422199	9422196	9422197
Magnum 7110	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7120	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7130	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7140	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7150	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7210	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7220	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7230	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7240	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7250	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 7250	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 8910	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 8920	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 8930	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 8940	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
Magnum 8950	TB470QTMFD	TB570QTMFD	9422064	9422159	N/A
***Magnum 180	N/A	N/A	9422199	9422196	9422197
***Magnum 190	N/A	N/A	9422199	9422196	9422197
***Magnum 210	N/A	N/A	9422199	9422196	9422197
Magnum 215	N/A	N/A	9422199	9422196	9422197
***Magnum 225	N/A	N/A	9422199	9422196	9422197
**Magnum 235	N/A	N/A	N/A	9422184	9422183
Magnum 245	N/A	N/A	9422199	9422196	9422197
**Magnum 260	N/A	N/A	N/A	9422184	9422183
Magnum 275	N/A	N/A	9422199	9422196	9422197
**Magnum 290	N/A	N/A	N/A	9422184	9422183
*Magnum 305	N/A	N/A	9422199	9422196	9422197
**Magnum 315	N/A	N/A	N/A	9422184	9422183
*Magnum 335	N/A	N/A	9422199	9422196	9422197
**Magnum 340	N/A	N/A	N/A	9422184	9422183
Magnum 370	N/A	N/A	N/A	9422184	9422183
Magnum 380	N/A	N/A	N/A	9422184	9422183
Magnum 250 T4B	N/A	N/A	9422226	9422224	9422225
Magnum 280 T4B	N/A	N/A	9422226	9422224	9422225
Magnum 310 T4B	N/A	N/A	9422226	9422224	9422225
Magnum 340 T4B	N/A	N/A	9422226	9422224	9422225
Magnum 380 T4B	N/A	N/A	9422226	9422224	9422225
Stieger 335 (4WD Wheeled)	N/A	N/A	9422206	N/A	9422205
Stieger 350 (4WD Rowtrac™ & Wheeled)	N/A	N/A	9422211	N/A	****9422207
Stieger 400 (4WD Rowtrac™ & Wheeled)	N/A	N/A	9422211	N/A	****9422207
Stieger 450 (4WD Rowtrac™ & Wheeled)	N/A	N/A	9422211	N/A	****9422207
Stieger 370 (4WD Rowtrac™ & Wheeled)	N/A	N/A	9422211	N/A	****9422207
Stieger 420 (4WD Rowtrac™ & Wheeled)	N/A	N/A	9422211	N/A	****9422207
Stieger 470 (4WD Rowtrac® & Wheeled)	N/A	N/A	9422211	N/A	****9422207
Stieger 470 (4WD Quadtrac® & Wheeled)	N/A	N/A	9422227	N/A	N/A
Stieger 500 (4WD Quadtrac® & HD Wheeled)	N/A	N/A	9422227	N/A	N/A
Stieger 540 (4WD Quadtrac® & HD Wheeled)	N/A	N/A	9422227	N/A	N/A
Stieger 550 (4WD Quadtrac® & HD Wheeled)	N/A	N/A	9422227	N/A	N/A
Stieger 580 (4WD Quadtrac® & HD Wheeled)	N/A	N/A	9422227	N/A	N/A
Stieger 600 (4WD Quadtrac® & HD Wheeled)	N/A	N/A	9422227	N/A	N/A
Stieger 620 (4WD Quadtrac® & HD Wheeled)	N/A	N/A	9422227	N/A	N/A

Magnums equipped with optional water/fuel separator require relocation kit (6032)

Some Tier 4 Emission Systems may require hydraulic hose kit (14063) on SideQuest models

\*305 & 335 equipped with optional suspended front end will only fit 700 &1000 SideQuest with Class 5 should work on 4.75 scissor suspension.

\*\*Tractors with front suspension that have factory line interference will need a line kit from Case IH®

\*\*\*1000 gallon will not fit 4.75 Front suspension with 6019 spacer.

\*\*\*\*Wheeled only

# Tractor Mount Quick fit List

John Deere

MODEL	Quick Tach 400	Quick Tach 500	Inline 600	SideQuest 700 & 1000	SideQuest 1200
8100	9422168	9422169	9422068	9422231	9422229
8110	9422168	9422169	9422068	9422231	9422229
*8120	9422168	9422169	9422068	9422231	9422229
8130	9422168	9422169	9422068	9422231	9422229
8130 IVT	N/A	N/A	9422126	9422232	9422230
8200	9422168	9422169	9422068	9422231	9422229
8210	9422168	9422169	9422068	9422231	9422229
*8220	9422168	9422169	9422068	9422231	9422229
8225R	N/A	N/A	9422068	9422231	9422229
8225R IVT	N/A	N/A	9422126	9422232	9422230
8230	9422168	9422169	9422068	9422231	9422229
8230 IVT	N/A	N/A	9422126	9422232	9422230
8235R	N/A	N/A	9422068	9422231	9422229
8235R IVT	N/A	N/A	9422126	9422232	9422230
8245R	N/A	N/A	9422068	9422231	9422229
8245R FT4	N/A	N/A	9422068	9422231	9422229
8245R IVT	N/A	N/A	9422126	9422232	9422230
8245R IVT/E23 FT4	N/A	N/A	9422126	9422232	9422230
8260R	N/A	N/A	9422068	9422231	9422229
8260R IVT	N/A	N/A	9422126	9422232	9422230
8270R	N/A	N/A	9422068	9422231	9422229
8270R FT4	N/A	N/A	9422068	9422231	9422229
8270R IVT	N/A	N/A	9422126	9422232	9422230
8270R IVT/E23 FT4	N/A	N/A	9422126	9422232	9422230
8285R	N/A	N/A	9422068	9422231	9422229
8285R IVT	N/A	N/A	9422126	9422232	9422230
8295R	N/A	N/A	9422068	9422231	9422229
8295R FT4	N/A	N/A	9422068	9422231	9422229
8295R IVT	N/A	N/A	9422126	9422232	9422230
8295R IVT/E23 FT4	N/A	N/A	9422126	9422232	9422230
8300	9422168	9422169	9422068	9422231	9422229
8310	9422168	9422169	9422068	9422231	9422229
8310R	N/A	N/A	9422068	9422231	9422229
8310R IVT	N/A	N/A	9422126	9422232	9422230
*8320	9422168	9422169	9422068	9422231	9422229
8320R	N/A	N/A	9422068	9422231	9422229
8320R FT4	N/A	N/A	9422068	9422231	9422229
8320R IVT	N/A	N/A	9422126	9422232	9422230
8320R IVT/E23 FT4	N/A	N/A	9422126	9422232	9422230
8330	9422168	9422169	9422068	9422231	9422229
8330 IVT	N/A	N/A	9422126	9422232	9422230
8335R	N/A	N/A	9422068	9422231	9422229
8335R IVT	N/A	N/A	9422126	9422232	9422230
8345R IVT	N/A	N/A	9422126	9422232	9422230
8345R IVT/E23 FT4	N/A	N/A	9422126	9422232	9422230
8360R IVT	N/A	N/A	9422126	9422232	9422230
8370R IVT/E23 FT4	N/A	N/A	9422126	9422232	9422230
8400	9422168	9422169	9422068	9422231	9422229
8410	9422168	9422169	9422068	9422231	9422229
8420	9422168	9422169	9422068	9422231	9422229
8430	9422168	9422169	9422068	9422231	9422229
8430 IVT	N/A	N/A	9422126	9422232	9422230
8520	9422168	9422169	9422068	9422231	9422229
8530 IVT	N/A	N/A	9422126	9422232	9422230

\*8120, 8220 & 8320 models equipped with 46" rear tires will be short frame, models with 50" rear tires will be a long frame.

John Deere

MODEL	Quick Tach 400	Quick Tach 500
4050 4250 4350 4450 4750 4850	TB460QTMFD	TB560QTMFD
4055 4255 4455 4555 4755 4955	TB460QTMFD	TB560QTMFD
4560 4760 4960	TB460QTMFD	TB560QTMFD

# Tractor Mount Quick fit List

## John Deere

MODEL	Quick Tach 400	Quick Tach 500	Inline 400	Inline 600	SideQuest 700 & 1000	SideQuest 1200
7200R	N/A	N/A	9422187	9422188	9422189	9422190
7215R	N/A	N/A	9422187	9422188	9422189	9422190
7230R	N/A	N/A	9422187	9422188	9422189	9422190
7260R	N/A	N/A	9422187	9422188	9422189	9422190
7280R	N/A	N/A	9422187	9422188	9422189	9422190
7210R	N/A	N/A	9422187	9422188	9422189	9422190
7230R	N/A	N/A	9422187	9422188	9422189	9422190
7250R	N/A	N/A	9422187	9422188	9422189	9422190
7270R	N/A	N/A	9422187	9422188	9422189	9422190
7290R	N/A	N/A	9422187	9422188	9422189	9422190
7310R	N/A	N/A	9422187	9422188	9422189	9422190
7400	N/A	N/A	N/A	N/A	N/A	N/A
7600	TB740QTMFD	TB750QTMFD	N/A	N/A	N/A	N/A
7610	TB740QTMFD	TB750QTMFD	N/A	N/A	N/A	N/A
7630	N/A	N/A	N/A	N/A	9422162	N/A
7700	TB740QTMFD	TB750QTMFD	N/A	N/A	N/A	N/A
7710	TB740QTMFD	TB750QTMFD	N/A	N/A	N/A	N/A
7720	N/A	N/A	N/A	N/A	9422162	N/A
7730	N/A	N/A	N/A	N/A	9422162	N/A
7800	TB740QTMFD	TB750QTMFD	N/A	N/A	N/A	N/A
7810	TB740QTMFD	TB750QTMFD	N/A	N/A	N/A	N/A
7820	N/A	N/A	N/A	N/A	9422162	N/A
7830	N/A	N/A	N/A	N/A	9422162	N/A
7920	N/A	N/A	N/A	N/A	9422162	N/A
7930	N/A	N/A	N/A	N/A	9422162	N/A

\*Not applicable on Tractors with mid frame hydraulics and front 3-point.

## John Deere Track

T Series	700/1000 Brackets	700 Tanks	1000 Tanks	T Series	700/1000 Brackets	700 Tanks	1000 Tanks
	Brackets	Tanks	Tanks		Brackets	Tanks	Tanks
8200T	9422116	9422112	9422114	8360RT	9422167	N/A	9422170
8210T	9422116	9422112	9422114	9460RT	9422128	N/A	9422170
8220T	9422116	9422112	9422114	9510RT	9422128	N/A	9422170
8230T	9422116	9422112	9422114	9560RT	9422128	N/A	9422170
8300T	9422116	9422112	9422114	8320RT	9422167	N/A	9422170
8310T	9422116	9422112	9422114	8345RT	9422167	N/A	9422170
8320T	9422116	9422112	9422114	8370RT	9422167	N/A	9422170
8330T	9422116	9422112	9422114				
8400T	9422116	9422112	9422114				
8410T	9422116	9422112	9422114				
8420T	9422116	9422112	9422114				
8430T	9422116	9422112	9422114				
8520T	9422116	9422112	9422114				
9300T	9422128	N/A	9422170				
9320T	9422128	9422112	9422114				
9400T	9422128	N/A	9422170				
9420T	9422128	9422112	9422114				
9430T	9422128	N/A	9422170				
9520T	9422128	9422112	9422114				
9530T	9422128	N/A	9422170				
9620T	9422128	9422112	9422114				
9630T	9422128	N/A	9422170				
8295RT	9422167	N/A	9422170				
8295RT	9422167	N/A	9422170				
8310RT	9422167	N/A	9422170				
8320RT	9422167	N/A	9422170				
8335RT	9422167	N/A	9422170				
8345RT	9422167	N/A	9422170				

## John Deere 4WD

4WD	600 Brackets	1200 Brackets
9230	9422210	9422204
9330	9422210	9422204
9430	9422210	9422204
9530	9422210	9422204
9630	9422210	9422204
9360R	9422210	9422204
9410R	9422210	9422204
9460R	9422210	9422204
9510R	9422210	9422204
9560R	9422210	9422204

# Tractor Mount Quick fit List

## New Holland

MODEL	Quick Tach 400	Quick Tach 500	Inline 400	Inline 600	SideQuest 700 &1000	SideQuest 1200
TG 210	N/A	N/A	N/A	N/A	9422161	9422191
TG 215	N/A	N/A	N/A	N/A	9422161	9422191
TG 230	N/A	N/A	N/A	N/A	9422161	9422191
TG 245	N/A	N/A	N/A	N/A	9422161	9422191
TG 255	N/A	N/A	N/A	N/A	9422161	9422191
TG 275	N/A	N/A	N/A	N/A	9422161	9422191
TG 285	N/A	N/A	N/A	N/A	9422161	9422191
TG 305	N/A	N/A	N/A	N/A	9422161	9422191
T8.275	N/A	N/A	*9422185	*9422186	*9422192	*9422193
T8.300	N/A	N/A	*9422185	*9422186	*9422192	*9422193
T8.330	N/A	N/A	*9422185	*9422186	*9422192	*9422193
T8.360	N/A	N/A	*9422185	*9422186	*9422192	*9422193
T8.390	N/A	N/A	*9422185	*9422186	*9422192	*9422193
T8.320	N/A	N/A	N/A	N/A	*9422235	*9422236
T8.350	N/A	N/A	N/A	N/A	*9422235	*9422236
T8.380	N/A	N/A	N/A	N/A	*9422235	*9422236
T8.410	N/A	N/A	N/A	N/A	*9422235	*9422236
T8.435	N/A	N/A	N/A	N/A	*9422235	*9422236
T8010	N/A	N/A	N/A	N/A	9422161	9422191
T8020	N/A	N/A	N/A	N/A	9422161	9422191
T8030	N/A	N/A	N/A	N/A	9422161	9422191
T8040	N/A	N/A	N/A	N/A	9422161	9422191
T8050	N/A	N/A	N/A	N/A	9422161	9422191
T9.390 4WD	N/A	N/A	N/A	9422211	N/A	9422207
T9.450 4WD	N/A	N/A	N/A	9422211	N/A	9422207
T9.505 4WD	N/A	N/A	N/A	9422211	N/A	9422207
T9.560 4WD	N/A	N/A	N/A	9422211	N/A	9422207

## Ford

MODEL	Quick Tach 400	Quick Tach 500	Inline 400	Inline 600	SideQuest 700 &1000	SideQuest 1200
8670	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A
8770	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A
8870	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A
8970	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A

## Buhler

MODEL	Quick Tach 400	Quick Tach 500	Inline 400	Inline 600	SideQuest 700 &1000	SideQuest 1200
2145	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A
2160	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A
2180	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A
2210	TB440QTMFD	TB540QTMFD	N/A	N/A	9422160	N/A

## Challenger

MODEL	Quick Tach 400	Quick Tach 500	Inline 400	Inline 600	SideQuest 700 &1000	SideQuest 1200
MT645C/D	N/A	N/A	N/A	9422216	9422217	9422218
MT655C/D	N/A	N/A	N/A	9422216	9422217	9422218
MT665C/D	N/A	N/A	N/A	9422216	9422217	9422218
MT675C/D	N/A	N/A	N/A	9422216	9422217	9422218
MT685C/D	N/A	N/A	N/A	9422216	9422217	9422218

## Massey Ferguson

MODEL	Quick Tach 400	Quick Tach 500	Inline 400	Inline 600	SideQuest 700 &1000	SideQuest 1200
8650	N/A	N/A	N/A	9422216	9422217	9422218
8660	N/A	N/A	N/A	9422216	9422217	9422218
8670	N/A	N/A	N/A	9422216	9422217	9422218
8680	N/A	N/A	N/A	9422216	9422217	9422218
8690	N/A	N/A	N/A	9422216	9422217	9422218

\*Not applicable for tractors equipped with front suspension

# 1200 Gallon SIDEQUEST®

## side mount units



### 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.
- Better visibility - tanks are mounted longitudinal for superb visibility.
- 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.
- Flanged fittings provide leak free plumbing.

NOTE: Tractors with aftermarket dual hubs may require different mounting bolts.

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

NOTE: Front fenders need to be removed on most models.

NOTE: Not applicable on Tractors with mid frame hydraulics and front 3-point.



U.S. Patent No. 6,286,870  
& 8,839,999

### HOW TO ORDER

Choose in this order: 1. **Tanks & Brackets** 2. **Mounting Brackets** 3. **Accessories**



#### Tanks & Brackets

1200 Gallon, White Tanks, 30" row spacing	9422238	3550 lbs.	\$17,396.00
1200 Gallon, Charcoal Tanks, 30" row spacing	9422234	3550 lbs.	\$17,396.00
1200 Gallon, Yellow Tanks, 30" row spacing	9422233	3550 lbs.	\$17,396.00
Order White Tanks for optimum fluid level visibility			



#### Tractor Mounting Brackets

(Brackets are required.)

Case IH® Magnum™ Tier 4 Emissions System 180, 190, 210, & 225 (Will not fit 4.75 front suspension)	9422197	340 lbs.	\$2,352.00
Tractors with optional water/fuel separator - relocation kit	6032	5 lbs.	\$55.00
Case IH® MX Magnum™ 180, 200, 210, 220, 230, 240, 255, 270, & 285	9422197	340 lbs.	\$2,352.00
Case IH® MX 215, 245, 275 & 305	9422197	340 lbs.	\$2,352.00
Case IH® Magnum™ Tier 3 Emissions System 245, 275, 305 & **335	9422197	340 lbs.	\$2,352.00
** Not applicable for 335 with front axle suspension			
Case IH® Magnum™ Tier 4 Emissions System 235, 260, 290, 315 & ***340 & 370	9422183	340 lbs.	\$2,352.00
***340 Tier 4 Emissions System hydraulic hose kit	14063	5 lbs.	\$108.46
Case IH® Magnum™ Tier 4B Emissions System 250, 280, 310, ***340 & 380	9422225	340 lbs.	\$2,352.00
***340 & 380 Tier 4B Emissions System hydraulic hose kit	14063	5 lbs.	\$108.46
Spacer kit for models with CVT Transmission	6127		\$172.00
Tractors with front suspension that have factory line interference will need a line kit from Case IH®			
Tractors with optional water/fuel separator - relocation kit	6032	5 lbs.	\$55.00
Challenger® MT645C/D, MT655C/D, MT665C/D, MT675C/D, & MT685C/D with stamped wheels	9422218		\$2,352.00
Massey Ferguson® 8650, 8660, 8670, 8680 & 8690 with stamped wheels	9422218		\$2,352.00
New Holland® TG210, TG215, TG230, TG245, TG255, TG275, TG285, TG305, T8010, T8020, T8030, T8040 & T8050	9422191	340 lbs.	\$2,352.00
New Holland® 4A T8.275, T8.300, T8.330, T8.360 & T8.390 NA for front suspension	9422193	340 lbs.	\$2,352.00
New Holland® 4B T8.320, T8.350, T8.380, T8.410 & T8.435 NA for front suspension	9422236	340 lbs.	\$2,352.00
Spacer kit required on 4B Emission models	6110		\$562.00
Tractors with optional water/fuel separator - relocation kit	6027	5 lbs.	\$16.00
John Deere® 7200R, 7215R, 7230R, 7260R, 7280R, 7210R, 7230R, 7250R, 7270R, 7290R & 7310R	9422190	340 lbs.	\$2,352.00
*John Deere® 8100, 8200, 8300, 8400, 8110, 8210, 8310, 8410, 8120, 8220, 83208120, 8220, 8320, 8420, 8520, 8130, 8230 FT4 8245R, 8270R, 8295R & 8320R with powershift transmission & heavy duty hubs	9422229	180 lbs.	\$2,352.00
*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, 8245R, 8270R, 8295R, 8320R, 8345R, & 8370R w/ HD hubs	9422230	230 lbs.	\$2,352.00
*For tractors with standard Hubs order Kit	6072		\$173.00
Tractors with optional water/fuel separator - relocation kit	6139	5 lbs.	\$55.00



#### Accessories

Plumbing Kit for joining tanks includes 2" quick refill	9470026		\$441.00
36" row spacing kit for NH & Case IH Tier 4 & 4B	6041		\$518.00
36" row spacing kit	6044		\$562.00
38/40" row spacing kit for JD® 8000 Series	6156		\$1,435.00
Tank Sight Gauge (Kit to do one tank)	6202		\$30.00

# 700 & 1000 Gallon SIDEQUEST® side mount units

## Features

- Two 350 or 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. Rear duals are required.
- Better visibility - tanks are mounted longitudinal for superb visibility. Choose either high or low clearance for visibility and crop clearance.
- Roll-away jack stands - for easy installation and removal (optional).
- Comfortable transport width - 16' 4" when straddle duals are set on 120" centers.
- Flanged fittings provide leak free plumbing.

NOTE: Tractors with aftermarket dual hubs may require different mounting bolts.

NOTE: Hub spacer assembly is designed for tractors with 20.8 or narrower rear tractor tires.

NOTE: Front fenders need to be removed on most models.

NOTE: Not applicable on Tractors with mid frame hydraulics and front 3-point.



U.S. Patent No. 6,286,870



Optional outside step /platform



Optional roll-away jack stand

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



### Tanks & Brackets with 10 bolt hub assembly

700 Gallon, Charcoal Tanks, 30" row spacing	9422214	1710 lbs.	\$11,262.00
700 Gallon, Yellow Tanks, 30" row spacing	9422151	1710 lbs.	\$11,262.00
1000 Gallon, Charcoal Tanks, 30" row spacing	9422212	2080 lbs.	\$13,198.00
1000 Gallon, Yellow Tanks, 30" row spacing	9422153	2080 lbs.	\$13,198.00
700 Gallon, Charcoal Tanks, 36" row spacing	9422215	1730 lbs.	\$11,649.00
700 Gallon, Yellow Tanks, 36" row spacing	9422155	1730 lbs.	\$11,649.00
1000 Gallon, Charcoal Tanks, 36" row spacing	9422213	2110 lbs.	\$13,585.00
1000 Gallon, Yellow Tanks, 36" row spacing	9422157	2110 lbs.	\$13,585.00



### Tractor Mounting Brackets (Brackets are required.)

Case IH® Magnum™ 7100, 7200 & 8900 series	9422159	223 lbs.	\$1,460.00
Case IH® Magnum™ Tier 4 Emissions System 180, 190, 210, & 225 (4.75 front needs 6019 kit)	9422196	340 lbs.	\$1,811.00
Tractors with optional water/fuel separator - relocation kit	6032	5 lbs.	\$55.00
Case IH® MX Magnum™ 180, 200, 210, 220, 230, 240, 255, 270, & 285	9422196	340 lbs.	\$1,811.00
Case IH® MX 215, 245, 275 & 305	9422196	340 lbs.	\$1,811.00
Case IH® Magnum™ Tier 3 Emissions System 245, 275, 305 & **335	9422196	340 lbs.	\$1,811.00
(**335 with front axel suspension requires a spacer kit)	6019	15 lbs.	\$219.00
Case IH® Magnum™ Tier 4 Emissions System 235, 260, 290, 315, ***340 & 370	9422184	340 lbs.	\$1,811.00
***340 & 370 Tier 4 Emissions System hydraulic hose kit	14063	5 lbs.	\$108.46
Tractors with front suspension that have factory line interference will need a line kit from Case IH®			
Tractors with optional water/fuel separator - relocation kit	6032	5 lbs.	\$55.00
Case IH® Magnum™ Tier 4B Emissions System 250, 280, 310, ***340 & 380	9422224	340 lbs.	\$1,811.00
***340 & 380 Tier 4B Emissions System hydraulic hose kit	14063	5 lbs.	\$108.46
Tractors with CVT Transmission require spacer kit	6127	46 lbs.	\$172.00
Tractors with front suspension that have factory line interference will need a line kit from Case IH®			
Tractors with optional water/fuel separator - relocation kit	6032	5 lbs.	\$55.00
Challenger® MT645C/D, MT655C/D, MT665C/D, MT675C/D, & MT685C/D with stamped wheels	9422217		\$1,811.00
Massey Ferguson® 8650, 8660, 8670, 8680 & 8690 with stamped wheels	9422217		\$1,811.00
New Holland® / Ford Genesis 8670, 8770, 8870, 8970, Buhler 2145, 2160, 2180 & 2210	9422160	200 lbs.	\$1,460.00
New Holland® TG210, TG215, TG230, TG245, TG255, TG275, TG285, TG305, T8010, T8020, T8030, T8040 & T8050	9422161	200 lbs.	\$1,460.00
New Holland® T8.275, T8.300, T8.330, T8.360 & T8.390	9422192	223 lbs.	\$1,811.00
New Holland® 4B T8.320, T8.350, T8.380, T8.410 & T8.435 NA for front suspension	9422235	223 lbs.	\$1,811.00
Tractors with optional water/fuel separator - relocation kit	6027	5 lbs.	\$16.00
John Deere® 7720, 7820, 7920, 7730, 7830 & 7930	9422162	223 lbs.	\$1,460.00
John Deere® 7200R, 7215R, 7230R, 7260R, 7280R, 7210R, 7230R, 7250R, 7270R, 7290R, 7310R (NA for Trac with front 3-point)	9422189	223 lbs.	\$1,811.00
*John Deere® 8100, 8200, 8300, 8400, 8110, 8210, 8310, 8410, 8120, 8220, 8320, 8420, 8130, 8230, 8330, 8430, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R & 8335R FT4 8245R, 8270R, 8295R & 8320R with powershift transmission & heavy duty hubs	9422231	180 lbs.	\$1,460.00
*John Deere® 8130, 8230, 8330, 8430, 8530, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R & 8360RFT4 w/ E23 or IVT™ trans. 8245R, 8270R, 8295R, 8320R, 8345R & 8370R w/ HD hubs	9422232	230 lbs.	\$1,811.00
*For tractors with standard Hubs order Kit	6072		\$173.00
Tractors with optional water/fuel separator - relocation kit	6139	5 lbs.	\$55.00
Tractors with optional long frames - require 3" spacer kit	6127	46 lbs.	\$172.00



### Accessories

Roll-away Jack Stands	9470016	145 lbs.	\$748.00
Folding Step / Platform	9470023	50 lbs.	\$277.00
Plumbing Kit for joining tanks includes 2" quick refill	9470025		\$743.00
Adjustable Drop Channel Kit required with non JD tanks, prior 2015	5895		\$694.00
Tank Sight Gauge (Kit to do one tank)	6202		\$30.00

# 700 & 1000 Gallon SIDEQUEST® track units

## Features

- Two 350 or 500 gallon high capacity side mount tanks with 16" fillwell.
- Better visibility - tanks are mounted longitudinal for superb visibility.
- Comfortable transport width.



U.S. Patent No. 6,286,870



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



### Tanks

700 - 2/350 Gallon Yellow Tanks for John Deere® 8100T, 8200T, 8300T, 8400T, 8110T, 8210T, 8310T, 8410T, 8120T, 8220T, 8320T, 8420T, 8520T, 8420T, 8230T, 8330T, 8430T, 9300T, 9400T, 9320T, 9420T, 9520T & 9620T .....	<b>9422112</b>	1340 lbs.	\$7,033.00
1000 - 2/500 Gallon Yellow Tanks for John Deere® 8100T, 8200T, 8300T, 8400T, 8110T, 8210T, 8310T, 8410T, 8120T, 8220T, 8320T, 8420T, 8520T, 8420T, 8230T, 8330T, 8430T, 9300T, 9400T, 9320T, 9420T, 9520T & 9620T .....	<b>9422114</b>	1710 lbs.	\$8,746.00



### Tractor Mounting Brackets (required)

John Deere® 8100T, 8200T, 8300T, 8400T, 8110T, 8210T, 8310T, 8410T, 8120T, 8220T, 8320T, 8420T, 8520T, 8230T, 8330T & 8430T .....	<b>9422116</b>	600 lbs.	\$3,751.00
---	----------------	----------	------------



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



### Tanks

1000 - 2/500 Gallon Yellow Tanks .....	<b>9422170</b>	1410 lbs.	\$8,002.00
--	----------------	-----------	------------



### Tractor Mounting Brackets (required)

John Deere® 8310RT, 8335RT, 8295RT, 8320RT, 8345RT, 8360RT & 8370RT .....	<b>9422167</b>	598 lbs.	\$5,564.00
John Deere® 9320T, 9420T, 9520T, 9430T, 9530T, 9630T, 9460RT, 9510RT & 9560RT .....	<b>9422128</b>	590 lbs.	\$5,564.00

# 1200 Gallon SIDEQUEST®

## 4WD articulating tractor



U.S. Patent No. 6,286,870

### 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

1200 - 2/600 Gallon Yellow Tank	9422200	\$18,055.00
1200 - 2/600 Gallon Charcoal Tank	9422208	\$18,055.00



#### Tractor Mounting Brackets (required)

*John Deere® 9230, 9330, 9430, 9530, 9630, 9360R, 9410R, 9460R, 9510R & 9560R	9422204	\$2,904.00
Case IH® Steiger® 335	9422205	\$2,904.00
Case IH® Steiger® 350, 400 & 450	9422207	\$2,904.00
New Holland® T9.390, T9.450, T9.505 & T9.560	9422207	\$2,904.00

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

# 600 Gallon "Quick Tach"®

## 4WD articulating tractor



### Features

- Two 300 gallon tanks. They feature 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.
- 15' transport width.
- 16' 9" transport width for wide frame.

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



#### Tank (2 required)

300 Gallon Yellow Tank	9422202	\$873.00
300 Gallon Charcoal Tank	9422203	\$873.00



#### Tractor Mounting Brackets (required)

*John Deere® 9230, 9330, 9430, 9530, 9630, 9360R, 9410R, 9460R, 9510R & 9560R	9422210	\$5,236.00
Case IH® Steiger® 335	9422206	\$5,236.00
Case IH® Steiger® Wheeled & Rowtrac™ 350, 370, 400, 420, 450 & 470	9422211	\$5,236.00
Case IH® Steiger® Wheeled(Wide Frame) & Quadtrac™ 450, 470, 500, 540, 550, 580, 600 & 620	9422227	\$5,236.00
New Holland® T9.390, T9.450, T9.505 & T9.560	9422211	\$5,236.00
New Holland® T9.600, T9.615, T9.645, T9.670 & T9.700	9422227	\$5,236.00

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

# “Quick Tach” Inline Tank Units

## mechanical front wheel drive tractors

### Features

- The Demco inline tanks are available in two sizes: 200 or 300 gallon capacities. They feature dual jet agitation, sump, molded sight gauge and fillwell with no-splash cover. The 300 gallon tank has a poly baffle.
- High clearance brackets allow for approximately 30" of ground clearance.
- Demco's centrifugal plumbing kits feature single section or three section electric controls.
- Transport width: 16' 6"

NOTE: Do not exceed the tractor manufacturer's frame load capacity recommendation.

NOTE: Not applicable on tractors with front duals.

NOTE: 60" front wheel spacing required.

NOTE: 60" diameter x 16" wide maximum front tire.

NOTE: Check tractor frame interference when equipped with front 3-point.

NOTE: Not applicable on Tractors with mid frame hydraulics and front 3-point.



### HOW TO ORDER Choose in this order: 1. Tank 2. Tractor Mounting Brackets 3. Pump / Plumbing / Controls 4. Accessories



#### Tank (2 required)

200 gallon .....	<b>PC200A</b>	81 lbs.each	\$626.00
300 gallon .....	<b>PC300A</b>	130 lbs.each	\$1,317.00



#### Tractor Mounting Brackets

Case IH® 7110, 7120, 7130, 7140, 7150, 7210, 7220, 7230, 7240, 7250, 8910, 8920, 8930, 8940 & 8950 600 gallon .....	<b>9422064</b>	1195 lbs.	\$4,650.00
--	----------------	-----------	------------

Case IH® MX Magnum™ 180, 200, 210, 220, 230, 240, 255, 270 & 285 (Tractors with suspended beam front axle require relocating accumulator)	<b>9422198</b>	1123 lbs.	\$4,343.00
400 gallon .....	<b>9422199</b>	1195 lbs.	\$4,650.00

Case IH® MX 215, 245, 275 & 305 (Tractors with suspended beam front axle require relocating accumulator)	<b>9422198</b>	1123 lbs.	\$4,343.00
400 gallon .....	<b>9422199</b>	1195 lbs.	\$4,650.00

Case IH® Magnum™ Tier 3 Emissions System 245, 275, 305 & 335* (Tractors with suspended beam front axle require relocating accumulator)	<b>9422198</b>	1123 lbs.	\$4,343.00
*(Not applicable on 335 model with suspended beam front axle)	<b>9422199</b>	1195 lbs.	\$4,650.00

400 gallon .....	<b>9422198</b>	1123 lbs.	\$4,343.00
600 gallon .....	<b>9422199</b>	1195 lbs.	\$4,650.00

Case IH® Magnum™ Tier 4 Emissions System 180, 190, 210, 225 (Will not fit 4.75 front suspension) (Tractors with suspended beam front axle require relocating accumulator)	<b>6032</b>	5 lbs.	\$55.00
Tractors with optional water/fuel separator - relocation kit .....	<b>9422198</b>	1123 lbs.	\$4,343.00

600 gallon .....	<b>9422199</b>	1195 lbs.	\$4,650.00
------------------	----------------	-----------	------------

Case IH® Magnum™ Tier 4B Emissions System 250, 280, 310, 340 & 380 (Will not fit CL5 suspension) (Tractors with suspended beam front axle require relocating accumulator)	<b>6032</b>	5 lbs.	\$55.00
Tractors with optional water/fuel separator - relocation kit .....	<b>9422226</b>	1195 lbs.	\$4,650.00

400 gallon .....	<b>9422219</b>	5 lbs.	\$55.00
600 gallon .....	<b>9422216</b>	1195 lbs.	\$4,650.00

Challenger® MT645D, MT655D, MT665D, MT657D, & MT685D (Tractors with suspended beam front axle require relocating accumulator)	<b>6032</b>	5 lbs.	\$55.00
Tractors with optional water/fuel separator - relocation kit .....	<b>9422226</b>	1195 lbs.	\$4,650.00

400 gallon .....	<b>9422219</b>	5 lbs.	\$55.00
600 gallon .....	<b>9422216</b>	1195 lbs.	\$4,650.00

Massey Ferguson® 8650, 8660, 8670, 8680 & 8690 (Tractors with suspended beam front axle require relocating accumulator)	<b>6032</b>	5 lbs.	\$55.00
Tractors with optional water/fuel separator - relocation kit .....	<b>9422226</b>	1195 lbs.	\$4,650.00

400 gallon .....	<b>9422219</b>	5 lbs.	\$55.00
600 gallon .....	<b>9422216</b>	1195 lbs.	\$4,650.00

New Holland® T8.275, T8.300, T8.330, T8.360 & T8.390 (Tractors with suspended beam front axle require relocating accumulator)	<b>6027</b>	5 lbs.	\$16.00
Tractors with optional water/fuel separator - relocation kit .....	<b>9422185</b>	1123 lbs.	\$4,343.00

400 gallon .....	<b>9422186</b>	1195 lbs.	\$4,650.00
------------------	----------------	-----------	------------

John Deere® 7200R, 7215R, 7230R, 7260R & 7280R (Tractors with suspended beam front axle require relocating accumulator)	<b>9422187</b>	1000 lbs.	\$4,343.00
Tractors with optional water/fuel separator - relocation kit .....	<b>9422188</b>	1028 lbs.	\$4,650.00

400 gallon .....	<b>9422187</b>	1000 lbs.	\$4,343.00
600 gallon .....	<b>9422188</b>	1028 lbs.	\$4,650.00

John Deere® with power shift transmissions 8100, 8200, 8300, 8400, 8110, 8210, 8310, 8410, 8120, 8220, 8320, 8420, 8520, 8130, 8230, 8330, 8430, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R & 8335R	<b>9422067</b>	1000 lbs.	\$4,343.00
400 gallon .....	<b>9422068</b>	1028 lbs.	\$4,650.00

600 gallon .....	<b>9422068</b>	1028 lbs.	\$4,650.00
------------------	----------------	-----------	------------

John Deere® with IVT® transmissions 8130, 8230, 8330, 8430, 8530, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R, 8335R, 8345R, & 8360R	<b>9422125</b>	1030 lbs.	\$4,912.00
400 gallon .....	<b>9422126</b>	1058 lbs.	\$5,219.00

600 gallon .....	<b>9422126</b>	1058 lbs.	\$5,219.00
------------------	----------------	-----------	------------

John Deere® with IVT® transmissions 8130, 8230, 8330, 8430, 8530, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R, 8335R, 8345R, & 8360R	<b>9422125</b>	1030 lbs.	\$4,912.00
400 gallon .....	<b>9422126</b>	1058 lbs.	\$5,219.00

600 gallon .....	<b>9422126</b>	1058 lbs.	\$5,219.00
------------------	----------------	-----------	------------

Plumbing / Controls (Pump not included) NOTE: For Pump, see Components Section.	<b>9470012</b>	40 lbs.	\$1,050.00
Plumbing kit (1 section electric) .....	<b>9470013</b>	65 lbs.	\$1,756.00

Plumbing kit (3 section electric) .....	<b>PTCTK1</b>	15 lbs.	\$184.00
Quick refill (2" quick couplers) .....	<b>9470009</b>	15 lbs.	\$134.00

Quick refill (2" quick couplers) .....	<b>PTCTK1</b>	15 lbs.	\$184.00
--	---------------	---------	----------

Quick Refill (1 1/2" quick couplers) .....	<b>9470015</b>	92 lbs.	\$442.00
--	----------------	---------	----------

Quick Refill (1 1/2" quick couplers) .....	<b>9470015</b>	92 lbs.	\$442.00
--	----------------	---------	----------

# “Quick Tach” Side Mount Tank Units

*mechanical front wheel drive tractors*

## Features

- Demco's slim-line polyethylene tanks come in two sizes: 200 or 250 gallon capacities. These tanks feature a dual jet agitator, sump, molded sight gauge and fillwell with a no-splash cover.
- Demco Quick Tach brackets come with saddles, tank bands, carrier brackets and all necessary bolts for complete installation. The undercarriage is bolted to the tractor and can remain on the tractor while the tanks can be removed quickly and easily.
- Transport width: 16'

NOTE: Not applicable on tractors with deep lug front tires or front duals. Fenders need to be removed on most models.

NOTE: Do not exceed the tractor manufacturer's frame load capacity recommendation.



### HOW TO ORDER Choose in this order: 1. Tank 2. Tractor Mounting Brackets 3. Pump 4. Plumbing / Controls 5. Accessories



#### Tank (2 required)

200 gallon

250 gallon

<b>PA200 24C</b>	84 lbs. each	\$617.00
<b>PA250 24C</b>	100 lbs. each	\$762.00



#### Tractor Mounting Brackets

Case-IH® 7100, 7200 & 8900 Series

400 Gallon	900 lbs.	\$3,404.00
500 Gallon	918 lbs.	\$3,440.00

Ford Genesis 8670, 8770, 8870 & 8970 Buhler 2145, 2160, 2180 & 2210

(Not applicable with 18.4 or wider front tires)

400 Gallon	912 lbs.	\$3,404.00
500 Gallon	918 lbs.	\$3,440.00

John Deere® 4000 series

400 Gallon	927 lbs.	\$3,311.00
500 Gallon	933 lbs.	\$3,339.00

John Deere® 7600, 7700, 7800, 7610, 7710 & 7810

Adaptor Kit for Tractors with ILS™ front axles	9470022	20 lbs.	\$118.00
400 Gallon	<b>TB740QTMFD</b>	907 lbs.	\$3,404.00
500 Gallon	<b>TB750QTMFD</b>	913 lbs.	\$3,440.00

John Deere® 8000 Series High Clearance Mounting Brackets

(Not applicable for Tier 4 Emission system)	<b>9422168</b>	725 lbs.	\$3,311.00
(Not applicable with IVT® transmissions)	<b>9422169</b>	731 lbs.	\$3,339.00

(Not applicable with 20.8 or wider front tires)

400 Gallon	912 lbs.	\$3,311.00
500 Gallon	918 lbs.	\$3,339.00

Massey Ferguson® 3630, 3650, 3670, 3680 & 3690

400 Gallon	912 lbs.	\$3,311.00
500 Gallon	918 lbs.	\$3,339.00



#### Pumps

NOTE: For Pump Specifications, see Components Section.

Hypro® Gear Drive Pump 540 RPM	<b>C9006 540</b>	44 lbs.	\$1,001.00
Hypro® Hydraulic Pump (C9303HM1)	<b>C9303HM1</b>	26 lbs.	\$940.00



#### Plumbing / Controls (Pump not included)

Plumbing kit (1 section electric)	<b>9470012</b>	40 lbs.	\$1,050.00
Plumbing kit (3 section electric)	<b>9470013</b>	65 lbs.	\$1,756.00



#### Accessories

Quick refill (1½" quick couplers)	<b>9470009</b>	15 lbs.	\$134.00
Quick refill (2" quick couplers)	<b>PTCTK1</b>	15 lbs.	\$184.00
Quick Tach wheels and jackstand	<b>QTWL</b>	30 lbs.	\$316.00
Quick Tach wheels and jackstand (for John Deere® 8000)	<b>9470001</b>	33 lbs.	\$374.00

# “Quick Tach” Side Mount

*tank units for standard  
two wheel drive tractors*



## Features

- Demco's slim-line polyethylene tanks come in two sizes: 200 or 250 gallon. Tanks feature a dual jet agitator, sump, molded sight gauge and fillwell with a no-splash cover.
- Demco “Quick Tach” brackets come with saddles, tank bands, carrier brackets and all necessary bolts for complete installation. The undercarriage is bolted to the tractor and can remain on the tractor while the tanks can be removed quickly and easily. The heavy duty brackets allow you to carry a total of 400 or 500 gallons.
- Transport width: 14'

NOTE: Do not exceed the tractor manufacturer's frame load capacity recommendation.

NOTE: Exhaust manifold should be shielded from tanks.

NOTE: Demco's side mount tractor brackets fit most flat side frames.

## HOW TO ORDER Choose in this order: 1. Tank 2. Tractor Mounting Brackets 3. Pump 4. Plumbing / Controls 5. Accessories

	<b>Tank</b> (2 required)			
	200 gallon .....	<b>PA200 24C</b>	84 lbs.	each \$617.00
	250 gallon .....	<b>PA250 24C</b>	100 lbs.	each \$762.00
	<b>Tractor Mounting Brackets</b> Fit most flat side frames			
	400 gallon .....	<b>TB400QT</b>	650 lbs.	\$2,461.00
	500 gallon .....	<b>TB500QT</b>	650 lbs.	\$2,493.00
	<b>Pumps</b>			
	NOTE: For Pump Specifications, see Components section			
	Hypro® Gear Drive Pump 540 RPM .....	<b>C9006 540</b>	44 lbs.	\$1,001.00
	Hypro® Hydraulic Pump (C9303HM1) .....	<b>C9303HM1</b>	26 lbs.	\$940.00
	<b>Plumbing / Controls</b> (Pump not included)			
	Plumbing kit (1 section electric) .....	<b>9470012</b>	40 lbs.	\$1,050.00
	Plumbing kit (3 section electric) .....	<b>9470013</b>	65 lbs.	\$1,756.00
	<b>Accessories</b>			
	Quick refill (1½" quick couplers) .....	<b>9470009</b>	15 lbs.	\$134.00
	Quick refill (2" quick couplers) .....	<b>PTCTK1</b>	15 lbs.	\$184.00
	Quick Tach wheels and jackstand .....	<b>QTWL</b>	30 lbs.	\$316.00



# RM Series 600 Gallon

## rear mount units



### Features

- 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.
- 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 45, 60, 66 or 80/90' front fold booms.
- Approximate shipping weight 60 - 5110 lbs, 80/90' - 5710 lbs.

NOTE: Factory setup is standard.

NOTE: 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

Frame with Charcoal 600 Gallon Tank . . . . . **9416023** \$6,493.00



#### Pumps

Ace Hydraulic Pump (FMC150HYD304) (hose kit included) . . . . . **9425068** 33 lbs. \$1,406.00

Hypro Hydraulic Pump (C9314HM1) (hose kit included) . . . . . **9425067** 35 lbs. \$1,516.00



#### Plumbing / Pump Mount / Ball Valves

Raven® Flow Meter, Regulator, 3 Motorized Valves & Plumbing (use with 45, 60, 66' boom) . . . . . **9425090** \$4,040.00

Raven® Flow Meter, Regulator, 5 Motorized Valves & Plumbing (use with 80/90' boom) . . . . . **9425091** \$4,721.00  
(7 valves maximum) . . . . .



#### Controls

Raven® 440 Rate Controller (GPS Speed Sensor 1Hz included) (use with 45, 60, 66' boom) . . . . . **9425092** \$2,782.00

Raven® 450 Rate Controller (GPS Speed Sensor 1Hz included) (use with 80/90' boom) . . . . . **9425093** \$3,044.00

Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT . . . . . **9425096** \$4,855.00

Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT . . . . . **9425095** \$3,267.00

**Note: Unlock required from OEM**



#### Boom without Plumbing

##### Hydraulic Front Fold Boom

45' Hydraulic Front Fold Boom . . . . . **9488139** \$12,991.00

60' Hydraulic Front Fold Boom . . . . . **9488140** \$13,515.00

66' Hydraulic Front Fold Boom . . . . . **9488141** \$13,934.00

60', 80/90' Combination Hydraulic Front Fold Boom . . . . . **9488142** \$23,272.00

(Tractor must be equipped with closed center hydraulic system.)

**NOTE: Warranty is void if mounted on track units.**

#### Front Fold Boom Plumbing

TeeJet® Drip Free (27 Nozzles) for 45' Boom . . . . . **9428118** 20 lbs. \$897.00

TeeJet® Triple Drip Free (27 Nozzles) for 45' Boom . . . . . **9428121** 23 lbs. \$1,202.00

TeeJet® Drip Free (37 Nozzles) for 60' Boom . . . . . **9428108** 25 lbs. \$1,077.00

TeeJet® Triple Drip Free (37 Nozzles) for 60' Boom . . . . . **9428109** 28 lbs. \$1,567.00

TeeJet® Drip Free (40 Nozzles) for 66' Boom . . . . . **9428120** 25 lbs. \$1,122.00

TeeJet® Triple Drip Free (40 Nozzles) for 66' Boom . . . . . **9428123** 30 lbs. \$1,644.00

TeeJet® Drip Free (55 nozzles) for 60', 80/90' Hydraulic Front Fold Boom (5 section) . . . . . **9428159** \$1,400.00

TeeJet® Triple Drip Free (55 nozzles) for 60', 80/90' Hydraulic Front Fold Boom (5 section) . . . . . **9428160** \$2,146.00



#### 45, 60, 66' Boom Accessories

Foam Marker Mounting Kit . . . . . **9428170** 20 lbs. \$45.00

33 Gallon Foam Marker with Charcoal Tank . . . . . **9428167** 107 lbs. \$1,880.00

Wheel Assisted Boom Tip Protectors . . . . . **9488013** 27 lbs. \$179.00

#### 80/90' Boom Accessories

Foam Marker Mounting Kit . . . . . **9428170** 20 lbs. \$45.00

33 Gallon Foam Marker with Charcoal Tank . . . . . **9428168** 111 lbs. \$1,975.00

Hydraulic Glide Suspension System . . . . . **9428152** \$3,660.00

#### Accessories

2" Flow Meter with digital display for tank fill . . . . . **9428163** 5 lbs. \$1,234.00

Fence Line Spray Kit, Electric . . . . . **9428002** 5 lbs. \$174.00

Chemical Eductor Vacuum Flow (for more information, see Component Section) . . . . . **9428166** 125 lbs. \$1,371.00

55 Gallon Tank and Mounting for Flushing the Sprayer Tank . . . . . **9428169** \$1,002.00

# RMLE Series 300, 400 & 500 Gallon

## rear mount units



500 gallon shown

### Features

- 300, 400 or 500 gallon tank with jet agitation, molded sight gauge, sump and fillwell with no-splash cover.
- Rear mount brackets are complete with saddles, tank straps and all necessary bolts.
- 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.

NOTE: Rear mount is unassembled. Factory setup available.

NOTE: Raven® sprayer controllers require wheel sensor or radar cable (see Components section).

### 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 .....	<b>RMLE300P</b>	615 lbs.	\$2,301.00
400 Gallon Frame .....	<b>RMLE400P</b>	640 lbs.	\$2,379.00
500 Gallon Frame .....	<b>RMLE500P</b>	660 lbs.	\$2,449.00



#### Tank

300 Gallon Tank .....	<b>PE300RA</b>	120 lbs.	\$1,103.00
400 Gallon Tank .....	<b>PE400RA</b>	135 lbs.	\$1,317.00
500 Gallon Tank .....	<b>PE500RA</b>	180 lbs.	\$1,641.00



#### Pumps

NOTE: For Pump Specifications, see Components Section.

Hypro® Gear Drive Pump 540 RPM .....	<b>C9006 540</b>	44 lbs.	\$1,001.00
Hypro® hydraulic pump (C9303HM1) (hose kit included) .....	<b>9425056</b>	36 lbs.	\$1,141.00



#### Plumbing

Plumbing Kit (3 section) .....	<b>9465059</b>	28 lbs.	\$376.00
--------------------------------	----------------	---------	----------



#### Controls

3 section electric (solenoid valve) .....	<b>CP414HVR</b>	26 lbs.	\$1,316.00
3 section electric (ball valve) .....	<b>9428129</b>	35 lbs.	\$2,015.00
3 section electric (ball valve) with Raven® 440 sprayer controller (wheel sensor not included) .....	<b>9428115</b>	45 lbs.	\$5,182.00
Astro II GPS Speed Sensor .....	<b>14071</b>	1 lbs.	\$468.00



#### Boom/Plumbing

NOTE: Order Spray Tips separately (see Component section)

NOTE: Manual Fold Booms (see Boom section)

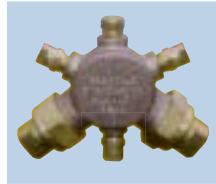
45' Hydraulic X-Fold Boom without plumbing .....	<b>9488064</b>	1160 lbs.	\$7,106.00
60' HydraulicX-Fold Boom without plumbing .....	<b>9488070</b>	1275 lbs.	\$8,133.00
TeeJet® Drip Free Plumbing (27 nozzles) for 45' hydraulic X-fold boom .....	<b>9428024</b>	20 lbs.	\$897.00
TeeJet® Drip Free Plumbing (37 nozzles) for 60' hydraulic X-fold boom .....	<b>9428026</b>	25 lbs.	\$1,077.00
TeeJet® Triple Drip Free (27 nozzles) for 45' Hydraulic X-Fold Boom .....	<b>9428046</b>	23 lbs.	\$1,202.00
TeeJet® Triple Drip Free (37 nozzles) for 60' Hydraulic X-Fold Boom .....	<b>9428008</b>	28 lbs.	\$1,550.00



#### Accessories

Wheel Assisted Boom Tip Protectors (for X-fold booms) .....	<b>9488012</b>	27 lbs.	\$219.00
Hydraulic Height Adjuster (24" travel) (for X-fold booms) .....	<b>9428133</b>	210 lbs.	\$1,601.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00
Quick Refill (utilizes nurse tank transfer pump for refilling) .....	<b>CPTK1</b>	15 lbs.	\$196.00
Handgun (includes 25' of 1/2" hose) .....	<b>DBHGL</b>	13 lbs.	\$245.00
Foam Marker Mounting Kit .....	<b>9428036</b>	25 lbs.	\$97.00
33 Gallon Foam Marker (requires mounting kit) .....	<b>9428156</b>	107 lbs.	\$1,880.00
Feeder Line Filter Kit (60 mesh) .....	<b>9428068</b>	3 lbs.	\$134.00
Factory setup .....	<b>SURML</b>		Net \$693.00

# RM Series 150 & 200 Gallon rear mount units



**BoomJet® nozzle**

See Components section



**Three section electric solenoid valve and control**



**One section electric**

## HOW TO ORDER

Choose in this order: 1. **Frame** 2. **Tank** 3. **Boom** 4. **Pump and Plumbing** 5. **Controls** 6. **Accessories**



### Frame

Rear Mount Frame for 150 gallon tank .....	<b>9416006</b>	190 lbs.	\$1,144.00
Rear Mount Frame for 200 gallon tank .....	<b>9416007</b>	200 lbs.	\$1,246.00



### Tank

150 Gallon Tank with agitation .....	<b>P150 32A</b>	50 lbs.	\$564.00
200 Gallon Tank with agitation .....	<b>P200 32A</b>	64 lbs.	\$661.00



### Boom with Plumbing

*Note: Order Spray Tips separately (see Components Section)*

21' Boom (3 section, 13 nozzles) .....	<b>DB21TDF</b>	85 lbs.	\$970.00
30' Boom (3 section, 19 nozzles) .....	<b>DB30TDF</b>	115 lbs.	\$1,213.00
40' Boom (3 section, 25 nozzles) .....	<b>DB40TDF</b>	170 lbs.	\$1,623.00
BoomJet® Nozzle Bracket Kit (1 section, nozzle not included) .....	<b>9464050</b>	5 lbs.	\$87.00



### Pumps and Plumbing Kit

(less controls)

NOTE: For Pump Specifications (see Components Section)			
PTO Mounted 8 Roller Pump and Plumbing Kit (1 section) .....	<b>9465064</b>	28 lbs.	\$515.00
PTO Mounted 8 Roller Pump and Plumbing Kit (3 section) .....	<b>9465066</b>	31 lbs.	\$572.00
Centrifugal Pump Plumbing Kit (3 section) (Pump not included) .....	<b>9465068</b>	65 lbs.	\$394.00



### Controls

Manual (1 section) .....	<b>9465054</b>	2 lbs.	\$69.00
Electric (1 section) .....	<b>9465055</b>	5 lbs.	\$220.00
Manual (3 section) .....	<b>9465056</b>	5 lbs.	\$179.00
Electric (3 section) .....	<b>9465057</b>	15 lbs.	\$834.00



### Accessories

Handgun (includes 25' of 1/2" hose) .....	<b>DBHGR</b>	13 lbs.	\$226.00
Factory setup (Booms may be removed for shipping.) .....	<b>SURMU</b>	Net	\$279.00
LTL freight shipments require crating .....	<b>CRATE1</b>	Net	\$64.00

# 80", 12' & 18' Booms



#### Boom without Plumbing

12' Boom without Plumbing	.....	DB12B	25 lbs.	\$182.00
18' Boom without Plumbing	.....	DB18B	35 lbs.	\$260.00



#### Boom with Plumbing 40" spacing

80" Boom (2 nozzles)	.....	80B25	10 lbs.	\$109.00
12' Boom (4 nozzles)	.....	DB12	27 lbs.	\$237.00
18' Boom (6 nozzles)	.....	DB18	38 lbs.	\$334.00

# 21', 30' & 40' Truss-T Booms



## Features

- Designed to meet the requirements of small acreage spraying.
- Vertical and horizontal breakaway minimizes needless wear and tear.
- All hose is 1/2" EPDM chemical resistant rubber.
- Demco's Truss-T booms are available on 150, 200 & 300 gallon trailer sprayers and 60, 80, 150 & 200 gallon rear mounts.

NOTE: 21' & 30' booms are partially preassembled.

NOTE: 40' boom is shipped unassembled.

NOTE: Feeder lines not included.



#### Boom with Plumbing

NOTE: Order Spray Tips separately (see Components section)

21' Truss-T boom (without plumbing)	Transport width 8'	.....	DB21TB	85 lbs.	\$600.00
30' Truss-T boom (without plumbing)	Transport width 8'	.....	DB30TB	115 lbs.	\$705.00
40' Truss-T boom (without plumbing)	Transport width 10'	.....	DB40TB	170 lbs.	\$1,063.00
21' Truss-T boom (13 conventional nozzles)	Transport width 8'	.....	DB21T	85 lbs.	\$718.00
30' Truss-T boom (19 conventional nozzles)	Transport width 8'	.....	DB30T	115 lbs.	\$854.00
40' Truss-T boom (25 conventional nozzles)	Transport width 10'	.....	DB40T	170 lbs.	\$1,266.00
21' Truss-T boom (13 TeeJet® drip free nozzles)	Transport width 8'	.....	DB21TDF	85 lbs.	\$970.00
30' Truss-T boom (19 TeeJet® drip free nozzles)	Transport width 8'	.....	DB30TDF	115 lbs.	\$1,213.00
40' Truss-T boom (25 TeeJet® drip free nozzles)	Transport width 10'	.....	DB40TDF	170 lbs.	\$1,623.00

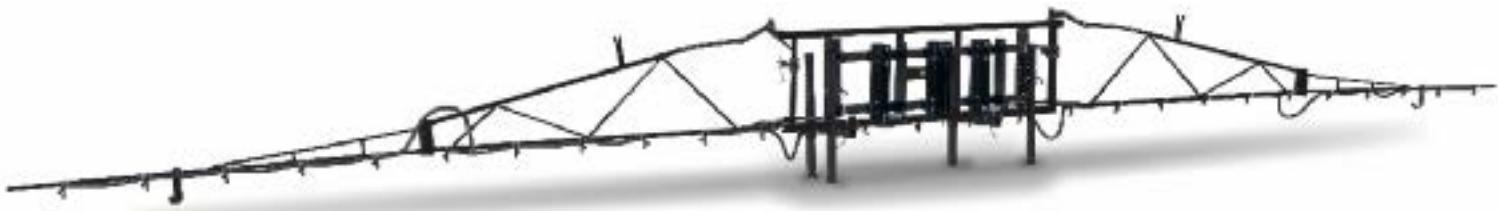


#### Accessories

Convert a 21' Boom to a 30' Boom with Conventional Nozzles	.....	DB30TEX	30 lbs.	\$142.00
Convert a 21' Boom to a 30' Boom with TeeJet® Drip Free Nozzles	.....	DB30TEXDF	30 lbs.	\$263.00
Convert a 21' Boom to a 30' Boom without Plumbing	.....	DB30TEXB	26 lbs.	\$107.00

# 30', & 45' Truss Booms

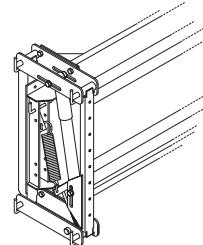
## DTB series



Booms

### Features

- Heavy duty truss framework eliminates boom wing lashing.
- The boom is made of 1 1/4" heavy wall tubing and 1" tubing on the wing extensions.
- Vertical and horizontal breakaway on the boom wings.
- Boom neatly folds to the rear for 10' transport width.
- All booms are available with 3/4" high volume plumbing and TeeJet® drip free diaphragm check nozzles with stainless steel boom and hose clamps spaced at 20".
- Skids on both ends of boom to protect tips. Wheel assisted tip protectors are optional.
- Feeder lines not included.



**Optional DBFT**  
floating boom

NOTE: Booms are unassembled. Factory setup is available.

NOTE: Demco flotation mechanism (DBFT) is recommended for truss boom.

### HOW TO ORDER 1. Select **Boom** 2. Review Optional **Accessories**



#### Boom

30' Truss Boom without Plumbing	DB30B	272 lbs.	\$1,557.00
45' Truss Boom without Plumbing	DB45B	305 lbs.	\$2,029.00
30' Truss Boom with TeeJet® Drip Free Plumbing (19 nozzles)	DB30DF	281 lbs.	\$2,098.00
45' Truss Boom with TeeJet® Drip Free Plumbing (27 nozzles)	DB45DF	322 lbs.	\$2,707.00



#### Accessories

Order Spray Tips separately (see Components section)

##### 3-POINT Mounting Kit

Mounting Brackets to attach Boom to a tractor's 3-point hitch (Category II & III) . . . . . **DTB3** 145 lbs. \$661.00

##### REAR MOUNT Mounting Kit

Mounting Brackets to attach Boom to Demco 300 thru 500 gallon Rear Mount units . . . . . **9416012** 80 lbs. \$313.00

##### TRAILER Mounting Kit

Universal Mounting Brackets to attach Boom to Trailer Frame . . . . . **DB9** 85 lbs. \$374.00

Net \$231.00

Factory setup . . . . . **SUDB** 112 lbs. \$875.00

Flotation Mechanism . . . . . **DBFT** 50 lbs. \$610.00

Auto Boom Leveler . . . . . **DBSAL** 190 lbs. \$1,190.00

Hydraulic Height Adjuster for trailer and rear mount models (24" travel) . . . . . **9428009** 26 lbs. \$633.00

Hydraulic Boom Wing Leveling . . . . . **DBHY** 27 lbs. \$219.00

Wheel Assisted Boom Tip Protectors . . . . . **DBTP** 5 lbs. \$174.00

Fence Line Spray Kit, Electric . . . . . **9428002** 5 lbs. \$82.00

Fence Line Spray Kit, Manual . . . . . **9428003** 14 lbs. \$176.00

Convert a 28' Boom to a 30' Boom without Plumbing . . . . . **DB30EXB** 37 lbs. \$644.00

Convert a 28' Boom to a 45' Boom without Plumbing . . . . . **DB45EXB** 17 lbs. \$249.00

Convert a 28' Boom to a 30' Boom with TeeJet® Plumbing . . . . . **DB30EXDF** 52 lbs. \$858.00

Convert a 28' Boom to a 45' Boom with TeeJet® Plumbing . . . . . **DB45EXDF**

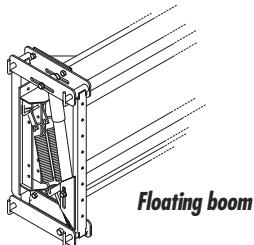
# 45' & 60' Manual fold

## *floating booms*



### Features

- Compact Boom: Overall sprayer length (from sprayer frame of boom) is very close and compact for better weight distribution of the entire sprayer.
- Boom is standard with auto-level and shock & spring flotation system.
- Reinforced hinges for spraying at faster speeds and through rougher field conditions.
- Heavy duty boom latches at folding joints.
- Boom wings and wing extensions are constructed of 1 1/4" heavy wall tubing.
- Spring loaded breakaway. Simple maintenance. Easy to reach grease zerks. Fewer moving parts.
- Rear fold boom, all horizontal folding hinges. Less chance of chemical exposure than booms that fold vertically.
- All booms are available with 3/4" high volume plumbing and TeeJet® drip free diaphragm check nozzles with stainless steel boom and hose clamps spaced at 20".
- Transport width 45" booms: 11'
- Transport width 60' boom: 13' 10"



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



#### **Boom without Plumbing**

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

45' Floating Boom .....	<b>DFB45B</b>	608 lbs.	\$4,519.00
60' Floating Boom .....	<b>DFB60B</b>	690 lbs.	\$5,444.00



#### **Boom Plumbing**

NOTE: Order Spray Tips separately (see Components section)

TeeJet® Drip Free (27 Nozzles) for 45' floating boom .....	<b>9428051</b>	20 lbs.	\$817.00
TeeJet® Drip Free (37 Nozzles) for 60' floating Boom .....	<b>9428053</b>	25 lbs.	\$1,077.00



#### **Accessories**

##### **3-POINT Mounting Kit**

Mounting Brackets to attach Boom to a tractor's 3-point hitch (Category II & III) .....	<b>DTB3</b>	145 lbs.	\$661.00
---	-------------	----------	----------

##### **REAR MOUNT Mounting Kit**

Mounting Brackets and Safety Stands to attach Boom to Demco 300 thru 500 gallon Rear Mount Units .....	<b>9416004</b>	80 lbs.	\$361.00
--	----------------	---------	----------

##### **TRAILER Mounting Kit**

Universal Mounting Brackets to attach Boom to Trailer Frame Units .....	<b>DHB9</b>	85 lbs.	\$123.00
Factory setup .....	<b>SUDFB</b>	Net	\$425.00
Hydraulic Height Adjuster for trailer and rear mount models (24" travel) .....	<b>9428009</b>	190 lbs.	\$1,190.00
Hydraulic Boom Leveling (for manual fold booms) .....	<b>DFHY</b>	28 lbs.	\$720.00
Wheel Assisted Boom Tip Protectors .....	<b>DFBTP</b>	27 lbs.	\$219.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00

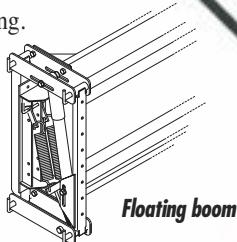
# 45' & 60' Hydraulic X-fold booms



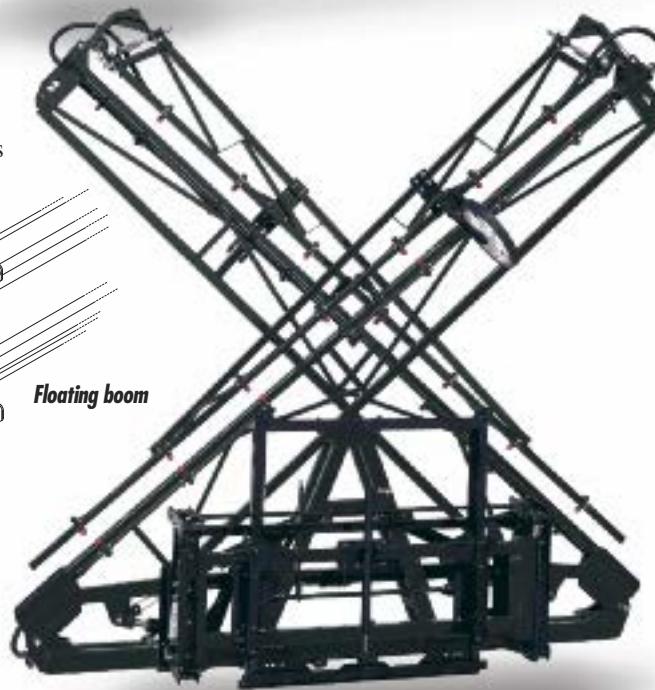
## Features

- The hydraulic X-fold boom requires two sets of remote outlets and has auto level ride and shock-spring flotation.
- Spring loaded cable ride for cushioning and less swing.
- 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: 11' 9" (at a 20" spraying height)
- All booms are available with  $\frac{3}{4}$ " high volume plumbing and TeeJet® drip free diaphragm check nozzles with stainless steel boom and hose clamps spaced at 20".
- Trailer mounts include hydraulic height adjuster (24" travel).

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



*Floating boom*



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



### Boom without Plumbing

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

45' Hydraulic X-Fold Boom 3-Point Mount .....	<b>9488065</b>	1225 lbs.	\$7,329.00
45' Hydraulic X-Fold Boom Rear Mount .....	<b>9488064</b>	1160 lbs.	\$7,106.00
45' Hydraulic X-Fold Boom Trailer Mount (Includes Height Adjuster) .....	<b>9488063</b>	1250 lbs.	\$9,572.00
60' Hydraulic X-Fold Boom 3-Point Mount .....	<b>9488071</b>	1275 lbs.	\$8,356.00
60' Hydraulic X-Fold Boom Rear Mount .....	<b>9488070</b>	1275 lbs.	\$8,133.00
60' Hydraulic X-Fold Boom Trailer Mount (Includes Height Adjuster) .....	<b>9488069</b>	1320 lbs.	\$10,599.00



### Boom Plumbing

NOTE: Order Spray Tips separately (see Components section)

TeeJet® Drip Free (27 nozzles) for 45' Hydraulic X-Fold Boom .....	<b>9428024</b>	20 lbs.	\$897.00
TeeJet® Drip Free (37 nozzles) for 60' Hydraulic X-Fold Boom .....	<b>9428026</b>	25 lbs.	\$1,077.00
TeeJet® Triple Drip Free (27 nozzles) for 45' Hydraulic X-Fold Boom .....	<b>9428046</b>	23 lbs.	\$1,202.00
TeeJet® Triple Drip Free (37 nozzles) for 60' Hydraulic X-Fold Boom .....	<b>9428008</b>	28 lbs.	\$1,550.00



### Accessories

3-Point Boom Storage Stand .....	<b>9488011</b>	75 lbs.	\$442.00
Hydraulic Height Adjuster for 3-point models (24" travel) .....	<b>9428107</b>	190 lbs.	\$1,921.00
Hydraulic Height Adjuster for rear mount models (24" travel) .....	<b>9428133</b>	210 lbs.	\$1,601.00
Wheel Assisted Boom Tip Protectors .....	<b>9488012</b>	27 lbs.	\$219.00
Fence Line Spray Kit, Electric .....	<b>9428002</b>	5 lbs.	\$174.00
Fence Line Spray Kit, Manual .....	<b>9428003</b>	5 lbs.	\$82.00
Light Kit .....	<b>9428084</b>	10 lbs.	\$309.00
LTL freight shipments require crating .....	<b>CRATE2</b>		Net \$97.00

# Lil' Thumper Ground Driven Pumps

5232



5230



## 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.
- Available with manually operated throw-out clutch.
- Color coded reinforced synthetic valves with stainless steel springs and retainers. Stainless steel cage type valves virtually eliminate sticking and leaking and are easily serviced.
- All parts in contact with solution are various types of reinforced synthetic materials and stainless steel for unequaled corrosion resistance and years of service.
- Two self tightening stack-packing glands and drive case seals, with drain between, provide excellent crankcase protection.
- 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. Recommended operating pressure 20 - 40 PSI.
- 1-1/2" FPT / 2" Flange, inlet and outlet ports.

NOTE: ANY AMOUNT OF LIQUID FERTILIZER, WITH OR WITHOUT ADDITIVES, MAY CAUSE GERMINATION DAMAGE WHEN PLACED IN DIRECT CONTACT WITH THE SEED.

*Injection molded case is made of durable du Pont™ Rynite® to resist corrosion from agricultural chemicals and clear liquid fertilizer. Eccentric drive system permits a variable application rate (see "PISTON PUMP" application rate chart). Eccentrics are specially machined 4140 steel bearing material. Case bolts, washers and nuts are stainless steel to resist corrosion.*

## LIL' THUMPER PISTON PUMPS MAXIMUM APPLICATION CAPACITIES

Based on a tire size with 15" loaded radius and 2:1 ratio.

Swath	Gallons Per Acre	
	PP1	PP2
15 ft.	0 - 78	0 - 156
20 ft.	0 - 58	0 - 116
25 ft.	0 - 47	0 - 94
30 ft.	0 - 39	0 - 78
35 ft.	0 - 33.5	0 - 67
40 ft.	0 - 29	0 - 58
45 ft.	0 - 26	0 - 52
50 ft.	0 - 23.5	0 - 47
60 ft.	0 - 18.5	0 - 37

To increase volume, increase sprocket ratio

### Single Piston Pumps

Lil' Thumper Single Piston 1.25" Diameter Solid Shaft	5232	52 lbs.	\$1,500.00
Lil' Thumper Single Piston with clutch, less Shut-off	5230	70 lbs.	\$1,664.00
Lil' Thumper Single Piston with manual shut-off	PP1	80 lbs.	\$1,652.00

### Double Piston Pumps

Lil' Thumper Double Piston 1.25" Diameter Solid Shaft only	5233	70 lbs.	\$2,286.00
Lil' Thumper Double Piston with manual shut-off	PP2	100 lbs.	\$2,405.00
Lil' Thumper Double Piston with 25/32 double sprocket	5802	105 lbs.	\$2,471.00



#### Ground Drive for Piston Pump

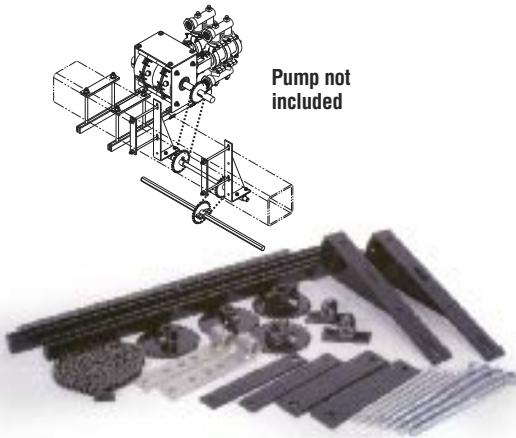
<b>PPGDW</b>	Ground Drive Wheel for Lil' Thumper Piston Pump Mounting for 7" X 7" tool bar. Includes chain, hub and necessary mounting hardware (less tire). Unit designed to be pushed, not pulled.	200 lbs. \$1,313.00 20 lbs. Net \$108.00 4 lbs. \$82.27
<b>T590L 07209-30</b>	Traction Tire for Ground Drive Wheel (590 X 15") 18 tooth sprocket, 1 1/4" bore, #50 chain	



**PP6D**

#### Drive Packages

<b>PP6D</b>	Drive Package for 5 and 6 Bolt Hub	32 lbs. \$352.00
-------------	------------------------------------	------------------



**5228**

#### Lil' Thumper Pump Mounting

<b>5228</b>	Universal Mounting Kit for Planter Includes mounting rails, plates, four 28 tooth sprockets, 6 feet of # 40 roller chain w/ connecting link, jack shaft and all necessary hardware. <i>Note: Modifications may be necessary for some planters.</i>	51 lbs. \$340.00
-------------	--	------------------

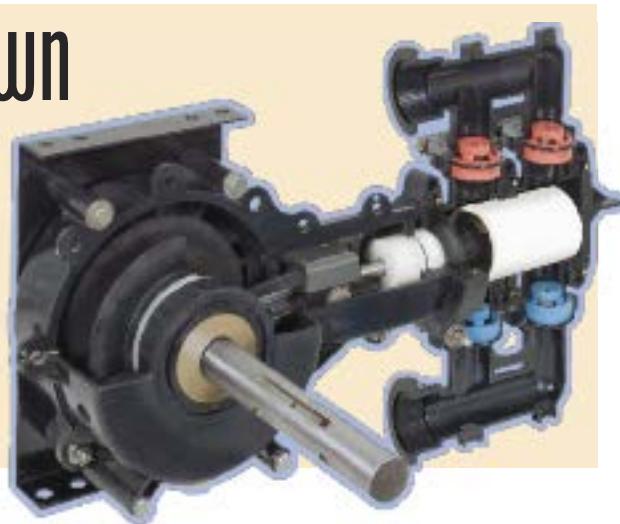
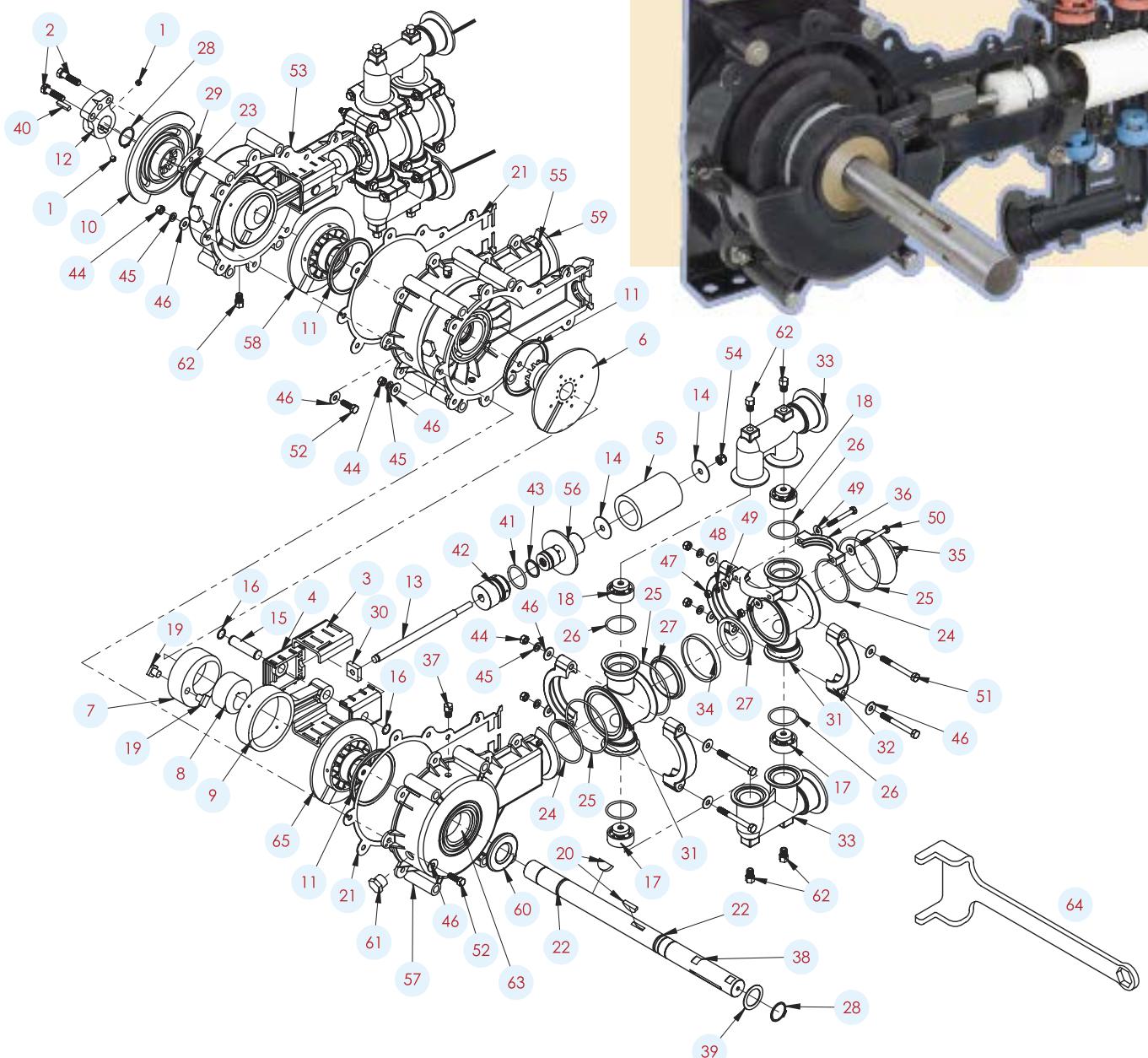
#### Drive Sprockets

<b>07325</b>	15 tooth sprocket, 1 1/4" bore, #40 chain	1 lbs. \$41.21
<b>28TS 1-30</b>	28 tooth split sprocket for 7/8" hex shaft #40 chain	2 lbs. \$54.28
<b>28TH 1 1/4-30</b>	28 tooth sprocket, 1 1/4" bore, #40 chain	2 lbs. \$58.76
<b>07209-30</b>	18 tooth sprocket, 1 1/4" bore, #50 chain	4 lbs. \$82.27
<b>11697-95</b>	25/32 tooth double sprocket, 1 1/4" bore, #40 chain	5 lbs. \$127.89



**28TH 1 1/4-30**

# Piston Pump Parts Breakdown



## PISTON PUMP PARTS LIST

for pumps with serial numbers 250000 and larger

REF. NO.	PART NO.	DESCRIPTION	PRICE	REF. NO.	PART NO.	DESCRIPTION	PRICE	REF. NO.	PART NO.	DESCRIPTION	PRICE
1. 00087		Set Screw $\frac{1}{16}$ X $\frac{1}{16}$ Socket Head	\$0.52	23. 01517		Oil Seal	\$19.97	44. 01996		Nut, $\frac{1}{16}$ NC SS	\$0.28
2. 00914		Bolt, $\frac{1}{16}$ NC X 1.50 Hex Head GR.5	\$0.57	24. 01520		O-Ring Small Cylinder	\$3.08	45. 01997		Washer, Spring Lock $\frac{1}{16}$	\$0.11
3. 01166		Slide Cover	\$13.09	25. 01521		O-Ring Large Clamp	\$3.17	46. 01998		Washer, Flat, $\frac{1}{16}$	\$0.13
4. 01167		Piston Slide	\$30.06	26. 01522		O-Ring Check Valve	\$1.57	47. 02000		Nut $\frac{1}{16}$ NC Hex SS	\$0.15
5. 01168		UHMW Piston	\$86.96	27. 01524		Piston Wipe	\$13.25	48. 02001		Washer, $\frac{1}{16}$ Spring Lock SS	\$0.05
6. 01169		Drive Hub Adjustment Side	\$76.23	28. 01528		Snap Ring (1.172" ID)	\$0.59	49. 02002		Washer, Flat, $\frac{1}{16}$ SS	\$0.09
7. 01171		Eccentric, Large	\$199.20	29. 01529-95		Adjustment Pointer Locking Plate	\$12.65	50. 02004		Bolt, $\frac{1}{16}$ NC X 2.25 SS	\$0.96
8. 01172		Eccentric, Small	\$135.01	30. 01530		Piston Rod Retaining Block	\$11.94	51. 02005		Bolt, $\frac{1}{16}$ NC X 3 SS	\$1.60
9. 01173		Connecting Rod	\$123.12	31. 01534		Cylinder Housing	\$46.55	52. 02006		Bolt, $\frac{1}{16}$ NC X 1.00 SS	\$0.83
10. 01176		Adjustment Disc	\$45.97	32. 01535		Large Clamp Half	\$8.15	53. 02200		Half Drive Case (Bearing Not Included)	\$128.89
11. 01177		Bearings Trust Drive Hub	\$10.10	33. 01536		Manifold (Intake/Exhaust)	\$60.05	54. 04632		Nut, $\frac{1}{16}$ NC Nylon Lockh	\$1.03
12. 01191-95		Adjustment Pointer	\$37.97	34. 01537		Support Ring Piston Wiper	\$3.02	55. 04642		Zerk, Grease, $\frac{1}{16}$ UNF	\$0.40
13. 01265		Piston Rod	\$53.00	35. 01538		End Cap	\$11.94	56. 5136		Stack Pack Subassembly	\$157.24
14. 01313		Piston Washer	\$4.78	36. 01539		Small Clamp	\$4.20	57. 11924		Half Drive Case (Bearing Not Included)	\$128.89
15. 01317		Wrist Pin	\$20.21	37. 01597		Plug Breather, $\frac{1}{16}$ MPT	\$2.42	58. 11926		Drive Hub Adjustment Side	\$82.45
16. 01318		Pump Snap Ring	\$0.33	38. 01596		Drive Shaft (PP1)	\$145.96	59. 11927		Center Drive Case	\$429.31
17. 01320		Intake Valve (Blue)	\$37.06	39. 01979		Drive Shaft (PP2)	\$209.09	60. 11929		Oil Seal (Drive Hub)	\$28.73
18. 01321		Exhaust Valve (Red)	\$37.06	40. 01989		1.25" Machine Bushing	\$0.58	61. F1200		FTG, Plug $\frac{1}{16}$ MPT	\$0.85
19. 01390		Drive Hub Adjusting Pin	\$6.86	41. 12489		Adjustment Clamp Drive Key	\$1.23	62. F1400		FTG, Plug $\frac{1}{16}$ MPT	\$0.36
20. 01391		Woodruff Key 1 $\frac{1}{16}$ X 1 $\frac{1}{16}$	\$1.03	42. 01992		O-Ring Piston Rod Guide	\$1.02	63. 02501		Bearing, Drive Case	\$65.55
21. 01426		Gasket	\$24.61	43. 01993		Bushing	\$53.30	64. 11521-95		Pump Adjusting Tool	\$14.68
22. 01516		O-Ring Main Shaft	\$0.83			O-Ring	\$0.88	65. 01147		Center Drive Hub	\$8.19

# setting the piston pump rate for gallons per acre (GPA)

Calibrate your piston pump from our website: [www.demco-products.com](http://www.demco-products.com). Use "calibration" in the Keyword Search.

1. Measure and record drive wheel tire air pressure. Maintain pressure at all times.
2. Measure the distance from the surface of the ground to the center of the drive wheel. This is your **Loaded Radius**.

## Determining Sprocket Ratios for Piston Pumps

1. Count the number of teeth on the Drive Wheel Sprocket.
2. Count the number of teeth on the Driven Sprocket.
3. Divide the number of teeth on the Drive Sprocket by number of teeth on the Driven Sprocket to determine Sprocket Ratio.

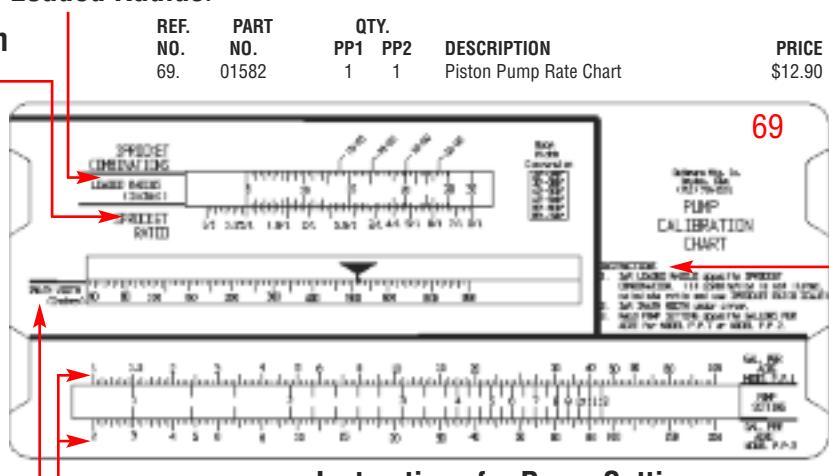
## For Equipment With Jack Shafts.

1. Multiply the number of teeth on all Drive Sprockets together.
2. Multiply the number of teeth on all Driven Sprockets together.
3. Divide Drive Sprocket total by Driven Sprocket total which equals the Sprocket Ratio.

**Example** - (See Diagram A)

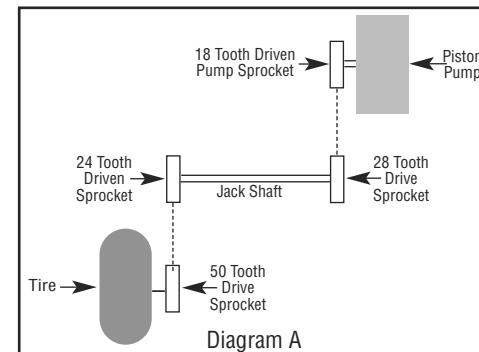
$$\begin{aligned}
 \text{(A) Drive Sprockets } 50 \times 28 &= 1400 \\
 \text{(B) Driven Sprockets } 24 \times 18 &= 432 \\
 \text{(C) } \frac{1400}{432} &= 3.24
 \end{aligned}$$

**NOTE:** On units with press wheels, the radius in inches of the drive wheel can be considered as the number of teeth on the drive sprocket and the radius of the press wheel can be considered as the number of teeth on the driven sprocket.



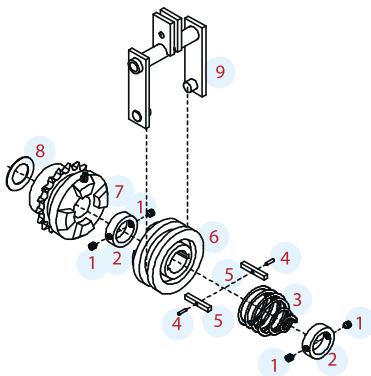
## Instructions for Pump Setting

1. Set **LOADED RADIUS** opposite **SPROCKET COMBINATION**. (If combination is not listed, calculate ratio and use **SPROCKET RATIO SCALE**).
2. Set **SWATH WIDTH** under arrow.
3. Read **PUMP SETTING** opposite **GALLONS PER ACRE** for MODEL PP1 or MODEL PP2.



## PISTON PUMP CLUTCH PARTS

REF. NO.	PART NO.	DESCRIPTION	PRICE
1. 00087		5/16" x 5/16" Cup Point Set Screw	\$0.52
2. 01598-95		1 1/4" I.D. Lock Collar	\$15.00
3. 01193		Clutch Spring	\$6.99
4. 01976		5/8" x 1/2" Roll Pin	\$0.19
5. 01549		5/8" x 1/2" x 1 1/8" Key	\$3.28
6. 01184 1 1/4-30		1 1-1/4" I.D. Clutch Yoke	\$68.11
7. 01183 1 1/4-30		1 1-1/4" I.D. Sprocket Casting (18 tooth)	\$77.97
8. 01979		1-1/4" I.D. 18 Ga. Machine Washer	\$0.58
9. 01576-30		Clutch Throw Out Yoke	\$56.79



## PISTON PUMP PARTS KITS

PART. NO.	DESCRIPTION	PRICE
5224	<b>Wiper Repair Kit</b> (Requires 2 Kits for PP2) Consists of (2) Ref. 27 Wiper, (2) Ref. 24 O-Ring (3) Ref. 25 O-Ring (4) Ref. 26 O-Ring and (1) Ref. 43 O-Ring	\$33.86
5915	<b>Stack Pack &amp; Wiper Repair Kit</b> (Requires 2 Kits for PP2) Consists of (2) Ref. 27 Wiper, (2) Ref. 24 O-Ring (3) Ref. 25 O-Ring (4) Ref. 26 O-Ring and (1) Ref. 56 Stack Pack	\$194.69

# P-Series Polyethylene Tanks



Saddle bands and hardware are included.



Saddle bands and hardware are included.



## Round Tanks (without agitation)

Gallons	Fillwell	Outlet	Measurements			
14	5"	1/2"	14" x 31"	<b>P14 14</b> ③	11 lbs.	\$136.00
55	5"	3/4"	23" x 37"	<b>P55 23</b> ③	20 lbs.	\$281.00
85	5"	3/4"	24" x 46"	<b>P85 24</b> ③	29 lbs.	\$356.00
110	5"	3/4"	24" x 59"	<b>P110 24</b> ③	40 lbs.	\$360.00
110	8"	1 1/4"	30" x 44"	<b>P110 30</b> ④	40 lbs.	\$416.00
150	8"	1 1/4"	30" x 56"	<b>P150 30</b> ④	50 lbs.	\$451.00
150	8"	1 1/4"	32" x 52"	<b>P150 32</b> ④	50 lbs.	\$510.00
200	8"	1 1/4", 3/4"	32" x 65"	<b>P200 32</b> ④	64 lbs.	\$592.00

## Round Tanks (with agitation)

55	5"	(1) 1 1/4"	23" x 37"	<b>P55 23A</b> ③	20 lbs.	\$328.00
85	5"	(1) 1 1/4"	24" x 46"	<b>P85 24A</b> ③	29 lbs.	\$405.00
110	5"	(1) 1 1/4"	24" x 59"	<b>P110 24A</b> ③	40 lbs.	\$409.00
110	8"	(1) 1 1/4"	30" x 44"	<b>P110 30A</b> ④	40 lbs.	\$466.00
150	8"	(1) 1 1/4"	30" x 56"	<b>P150 30A</b> ④	50 lbs.	\$502.00
150	8"	(1) 1 1/4"	32" x 52"	<b>P150 32A</b> ④	50 lbs.	\$564.00
200	8"	(1) 1 1/4"	32" x 65"	<b>P200 32A</b> ④	64 lbs.	\$661.00



## Tank Saddles (for tank #)

P25 23, P25 23A, P55 23, P55 23A	<b>PS23</b>	14 lbs.	\$200.00
P85 24, P85 24A, P110 24, P110 24A	<b>PS24</b>	30 lbs.	\$293.00
P110 30, P110 30A, P150 30, P150 30A	<b>PS30</b>	40 lbs.	\$333.00
P200 32, P200 32A	<b>PS232A</b>	80 lbs.	\$476.00



## Elliptical Tanks (without agitation)

150	10"	1 1/4"	24" x 38.5" x 56"	<b>PE150R</b> ③	55 lbs.	\$651.00
200	8"	1 1/4"	26" x 41" x 66"	<b>PE200R</b> ④	85 lbs.	\$733.00
300	8"	1 1/4"	30" x 48" x 70"	<b>PE300R</b> ④	120 lbs.	\$942.00
400	8"	1 1/4"	36" x 57" x 69"	<b>PE400R</b> ④	135 lbs.	\$1,152.00
500	8"	1 1/4"	36" x 57" x 82"	<b>PE500R</b> ④	180 lbs.	\$1,481.00
500	16"	1 1/4"	36" x 48" x 92"	<b>PE500 ①②④</b>	188 lbs.	\$1,743.00
1000	16"	2"	49" x 78" x 90"	<b>PE1000</b> ④	300 lbs.	\$2,523.00
1600	16"	2"	49" x 78" x 138"	<b>PE1600</b> ①②④	420 lbs.	\$3,722.00

## Elliptical Tanks (with agitation)

150	10"	(1) 1 1/4"	38.5" x 24" x 56"	<b>PE150RA</b> ③	55 lbs.	\$741.00
200	8"	(1) 1 1/4"	26" x 41" x 66"	<b>PE200RA</b> ④	85 lbs.	\$896.00
300	8"	(1) 1 1/4"	30" x 48" x 70"	<b>PE300RA</b> ④	120 lbs.	\$1,103.00
400	8"	(1) 1 1/4"	36" x 57" x 69"	<b>PE400RA</b> ④	135 lbs.	\$1,317.00
500	8"	(1) 1 1/4"	36" x 57" x 82"	<b>PE500RA</b> ④	180 lbs.	\$1,641.00
500	16"	(1) 2"	36" x 48" x 92"	<b>PE500A ①②④</b>	188 lbs.	\$1,908.00
1000	16"	(1) 2"	49" x 78" x 90"	<b>PE1000A</b> ④	350 lbs.	\$2,747.00



## Tank Saddles (for tank #)

PE150R, PE150RA	<b>PS150RA</b>	75 lbs.	\$426.00
PE200R, PE200RA	<b>PS200RA</b>	80 lbs.	\$498.00
PE300R, PE300RA	<b>PS300RA</b>	90 lbs.	\$538.00
PE400R, PE400RA	<b>PS400RA</b>	128 lbs.	\$624.00
PE500R, PE500RA	<b>PS500RA</b>	158 lbs.	\$704.00
PE750, PE750A - <i>Special Order, min of 10</i>	<b>SKD750</b>	315 lbs.	\$1,197.00
PE1000, PE1000A - <i>Special Order, min of 10</i>	<b>SKD1000</b>	380 lbs.	\$1,747.00
PE1600 - <i>Special Order, min of 10</i>	<b>SKD1600</b>	630 lbs.	\$2,811.00

## Features

- Polyethylene chemical spray tanks are durable, convenient to use and easy to maintain.
- One piece molded construction eliminates leaks due to defective seams.
- All tanks include sump, molded gallonage markings, o-rings and polypropylene outlet fittings.
- Sprayer tanks include extra outlets and jet agitation needed for Demco sprayers.

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

# P-Series Polyethylene Tanks



Saddle bands and hardware are included.



## Cut-away Side Tanks (with agitation)

Gallons	Fillwell	Outlet	Measurements			
200	8"	1 1/4"	24" X 54" X 46"	PA200 24C ④	84 lbs.	\$617.00
250	8"	1 1/4"	24" X 60" X 51"	PA250 24C ④	100 lbs.	\$762.00



## Cut-away Side Tank Saddles

200 Gallon (PA200 24C)	SA24 200	88 lbs.	\$415.00
250 Gallon (PA250 24C)	SA24 250	92 lbs.	\$415.00



## Side Tanks (with agitation)

200	12"	1 1/4"	36" X 35" X 48"	PC200A ③	81 lbs.	\$626.00
300	16"	1 1/4"	36" X 35" X 69"	PC300A ①②③	130 lbs.	\$1,317.00



## Side Teardrop Tanks (with agitation)

300 Yellow	12"	1 1/4"	44" X 36" X 62"	9422202 ③	110 lbs.	\$873.00
300 Charcoal	12"	1 1/4"	44" X 36" X 62"	9422203 ③	110 lbs.	\$873.00



## Teardrop Tank Saddles

300 Gallon Teardrop	9422237	200 lbs.	\$539.00
---------------------	---------	----------	----------



## Side Tanks (with agitation)

300	8"	1 1/4"	31" X 49" X 56"	P300 31 ④	108 lbs.	\$967.00
-----	----	--------	-----------------	-----------	----------	----------

① Includes 16" Lid. ② Includes Baffle. ③ Shallow Sump. ④ Deep Sump.



## Side Tank Saddles

300 Gallon (P300 31)	S31 300	175 lbs.	\$493.00
----------------------	---------	----------	----------



## SideQuest® Tanks (with 200 Flange outlet, 100 Flange agitation & saddle)

350 Yellow	16"	26" X 44" X 96"	35631	520 lbs.	\$3,109.00
350 Charcoal	16"	26" X 44" X 96"	35631C	520 lbs.	\$3,109.00
500 Yellow	16"	26" X 64" X 96"	35632	705 lbs.	\$4,001.00
500 Charcoal	16"	26" X 64" X 96"	35632C	705 lbs.	\$4,001.00



## SideQuest® Tanks (with 200 Flange outlet, 100 Flange agitation, saddle & shut-off Valve)

600 Yellow	16"	30" X 72" X 105"	35864	\$5,012.00
600 Charcoal	16"	30" X 72" X 105"	35865	\$5,012.00

## Fresh Water Tank

2 1/2 Gallon Fresh Water Tank with Universal Mounting Bracket

6054	20 lbs.	\$85.00
------	---------	---------

# Tank Accessories

## REPLACEMENT FILLWELL COVERS



5056R



PL5A

5" diameter lid with splash baffle  
5" diameter lid with ball vent  
5" diameter lid with step vent

**5056R** \$37.20  
**PL5A** \$24.94  
**15388** \$24.94

09319



5478R



8" diameter lid with splash baffle (with Fillwell)  
10" threaded replacement fillwell cover  
10" threaded replacement fillwell  
12" threaded replacement fillwell cover  
16" threaded replacement fillwell cover  
(complete)  
4" diameter replacement lid with vent  
for 16" threaded tank lid  
16" threaded replacement fillwell  
Stainless steel screw

**09319** \$31.47  
**5478R** \$35.98  
**5479R** \$29.30  
**12226** \$37.15  
**5470R** \$86.88  
**PL4** \$34.48  
**5052R16** \$39.31  
**12108** \$0.19

5486A



16" liftop lid & fillwell (new style)  
Stainless steel screw (10 required)  
Replacement gasket

**5486A** \$114.75  
**12108** \$0.19  
**10905** \$52.93

Replacement gasket for old style (5486R)

**5486G** \$27.99

## FLANGED TANK FITTINGS



1"  
1" replacement gasket  
2"  
2" replacement gasket

**FTF100** \$41.04  
**14625** \$3.73  
**FTF200** \$48.58  
**14624** \$5.23



2" full port  
2" full port gasket (inside)  
(4 required)  
2" full port gasket (outside)

**FTF220BD** \$79.08  
**BF200GFE** \$3.76  
**13081** \$12.82

## POLYETHYLENE TANK FITTINGS

### Ace Fittings

Hole Size Requirement



<b>P012DA</b>	1/2" double thread	1 1/4"	\$21.35
<b>P034DA</b>	3/4" double thread	1 3/4"	\$16.01
<b>P100DA</b>	1" double thread	1 3/4"	\$16.01
<b>P114A</b>	1 1/4" double thread	2 1/4"	\$21.35
<b>P114AV</b>	1 1/4" anti-vortex	2 1/4"	\$40.95
<b>P112A</b>	1 1/2" double thread	3"	\$22.99

### 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.



<b>P012DN</b>	1/2" double thread	\$31.43
<b>P114</b>	1 1/4"	\$46.13
<b>P114D</b>	1 1/4" double thread	\$46.13
<b>P114PAV</b>	1 1/4" anti-vortex	\$46.13
<b>P112</b>	1 1/2"	\$46.13
<b>P112D</b>	1 1/2" double thread	\$46.13
<b>P112PAV</b>	1 1/2" anti-vortex	\$46.13
<b>P200</b>	2"	\$46.13
<b>P200D</b>	2" double thread	\$44.79
<b>P200PAV</b>	2" anti-vortex	\$46.13

## JET AGITATION ASSEMBLY



### Ace Agitators

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

Single agitation for 110 gallon tanks or smaller	<b>S3371PA</b>	\$52.61
Double agitation for 150 gallon tanks or larger	<b>D3371PA</b>	\$60.39
Double agitation for 2" sump on polyethylene tanks	<b>D3371PSA</b>	\$61.40



**09941**  
Jet agitation wand  
High volume jet agitation wand

**5044 1** \$5.39  
**09941** \$40.75

## REPLACEMENT TANK STRAPS

1 3/4" strap / ft.	<b>05367</b>	\$2.01
4" strap / ft.	<b>03728</b>	\$3.46

### Attaching Hardware

Anchor for 1 3/4" strap	<b>05785-95</b>	\$5.40
Anchor for 4" strap	<b>05784-95</b>	\$9.02
5/16" x 4" bolt for 1 3/4" strap anchor	<b>04352</b>	\$0.96
3/8" x 5" bolt for 4" strap anchor	<b>01885</b>	\$0.86

# foam Markers

## Features

- Variable rate foam marker.
- The amount of foam generated can be easily adjusted with a turn of the control knob from 3 - 10 GPH.
- A tractor mounted control console with low voltage indicator notifies the operator of insufficient current to generate maximum foam quality.
- All necessary hoses and fittings for a complete installation.
- Increases accuracy, prevents skips or overlaps during planting or spraying.
- The delivery tube dispenses the foam at ground level.
- Universal mounting brackets allow the marker to be used on most spraying equipment.



33 gallon Variable Rate Foam Marker Kit for up to a 60' boom Charcoal Tank .....	<b>9428167</b>	107 lbs.	\$1,880.00
33 gallon Variable Rate Foam Marker Kit for up to a 60' boom Yellow Tank .....	<b>9428156</b>	107 lbs.	\$1,880.00
33 gallon Variable Rate Foam Marker Kit for up to a 90' boom Charcoal Tank .....	<b>9428168</b>	111 lbs.	\$1,975.00
33 gallon Variable Rate Foam Marker Kit for up to a 90' boom Yellow Tank .....	<b>9428157</b>	111 lbs.	\$1,975.00
Foam Collector Head assembly .....	<b>5375</b>	5 lbs.	\$46.58
Control Console with low voltage indicator .....	<b>5371</b>	5 lbs.	\$203.14
<b>Custom Foam Marker Mountings</b>			
For 300-500 Gallon Rear Mount .....	<b>9428036</b>	25 lbs.	\$97.00

# Chemical Eductor

## Hypro® Cleanload™ chemical eductor

## Features

- Hypro's Cleanload™ is a self-contained eduction system that allows the operator to mix liquid and dry chemicals safely and quickly.
- Safety - all crop protection chemistry is mixed at ground level. Cleanload™ eliminates the need for operators to climb on and around machines while handling expensive and dangerous chemicals. Operator exposure to slips, trips and falls is reduced. Chemical spill potential is reduced, minimizing operator and environmental exposure.
- 7 gallon hopper provides capacity for two standard liquid containers or one 25 lb. bag of most dry chemicals.
- Suction lance allows the operator to educt bulk liquid and dry chemicals (wettable powders, dry flowables and water-dispersible granules) from large containers without secondary handling.
- Stainless steel venturi provides highest eduction rate and durability against all chemicals.
- Tank and bottle rinse nozzles standard. Designed to wash. Cleanload™ hopper and triple rinse chemical containers of residue.



Chemical Eductor with universal mounting bracket .....	<b>9428165</b>	125 lbs.	\$1,371.00
--	----------------	----------	------------

# Sprayer Control Systems

## Manual Control



**CP3B3HV** Three section manual control for centrifugal pump systems. Inlet: 1" Outlet: 3/4" Capacity: 27 GPM at 30 PSI (Includes 4" pressure gauge) 22 lbs. \$711.00

## Electric Control



**CP414HVR** Solenoid Valve three section controls for centrifugal pump systems. Inlet: 1" Outlet: 3/4"

Capacity: 27 GPM at 30 PSI 26 lbs. \$1,316.00  
**3318** Replacement Console \$513.01  
**12118** Gauge (Glycerine filled) \$90.76  
**21720 15** 15' Extension Cable \$124.11  
**21486NY** Union Fitting \$6.51

## Electric Control



**9428129** Motorized Ball Valve three section electric control for centrifugal pump systems. Inlet: 1 1/4" Outlet: 3/4" 45 lbs. \$2,015.00  
**3318** Replacement Console \$513.01  
**12118** Gauge (Glycerine filled) \$90.76  
**21721 15** 15' Extension Cable \$124.00  
**21486NY** Union Fitting \$6.51

## Electric Control



**CPER** Single section controls for centrifugal pump systems. Inlet: 3/4" Outlet: 3/4" 11 lbs. \$757.00  
**5120** Capacity: 10 GPM at 30 PSI \$222.52  
**01072** Replacement Console with 15' Harness \$48.98  
**Replacement Gauge**

**TEEJET® 844E SPRAYER CONTROL****Features**

- The TeeJet® 844E sprayer control is designed with simplicity in mind. Simply set your target application rate, and the unique VisiFlo display on the 844E helps you select the right TeeJet® tip for your application. Once spraying begins, the large display shows application rate, volume sprayed, system pressure, sprayer speed and the area covered. It also features a "boost" mode that allows the operator to increase or decrease the target application rate temporarily. It has an aluminum console housing with sealed computer switch panels, fully automated and manual rate control, and separate boom controls along with master shut-off.
- Bank of three or five Motorized Ball Valves
- 2.5 - 60 GPM Flow Meter (1 1/4" hose barbs)
- Regulating Ball Valve
- Proximity Wheel Sensor
- Wire Harness

<b>9428065</b>	(3 section)	\$4,698.00
<b>9428067</b>	(5 section)	\$5,696.00

**Replacement Components**

<b>09458</b>	Flow meter	\$946.06
<b>09691</b>	Proximity wheel sensor	\$166.23
<b>09459</b>	1" regulating ball valve	\$297.13
<b>12536</b>	Regulating ball valve with 2" flanged ports	\$834.96
<b>09460</b>	Power cable	\$180.08
<b>10799</b>	Console to hitch harness (844E only)	\$653.31
<b>10936</b>	Hitch to valve harness with junction box and Packard valve plugs	\$875.51

**RAVEN® 440/450 SPRAYER CONTROL****Features**

- The data window in the SCS440/450 console continually displays the actual rate of spray application. A variety of other spraying information is also available in the rate window on command. Select from:
  - total volume applied (cumulative)
  - total area worked (cumulative)
  - field volume applied (sub-plot)
  - field area (sub-plot)
  - vehicle speed (mph or kph)
  - distance traveled (feet or meters)
  - area worked per hour (acres, hectares or thousand square feet)
  - volume applied per minute (gallons or liters)
  - volume left in tank (gallons or liters)
  - time
- Bank of three or five Motorized Ball Valves
- One 60 GPM Poly Flow Meter (1 1/4" hose barbs)
- Regulating Butterfly Valve
- Proximity Wheel Sensor
- 16 Pin Wire Harness

<b>9428043</b>	440 (3 Section)	\$5,182.00
<b>9428045</b>	450 (5 Section)	\$6,078.00

**Replacement Components**

<b>5890</b>	Flow meter	\$900.78
<b>10308</b>	Proximity wheel sensor	\$138.69
<b>10311</b>	1" regulating butterfly valve	\$646.33
<b>10046</b>	Speed sensor 12' harness	\$179.44
<b>11430</b>	Speed sensor 18' harness	\$159.09
<b>10960</b>	Console to hitch harness	\$459.36
<b>10959</b>	Hitch to valve harness with Packard valve plugs (37') 16 Pin	\$817.30
<b>12851</b>	Hitch to valve harness with Packard valve plugs (24') 16 Pin	\$710.08

# Centrifugal Sprayer Pumps

## Hypro® Gear-driven Centrifugal Pump

Viton® shaft seal standard. Cast iron body, molded nylon impeller. Planetary gear drive and bearings are factory lubricated. Ports: 1½" NPT suction, 1¼" 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.

<b>C9006 540</b>	540 RPM tractor mounted pump. For 1 ¾" PTO. 47 GPM @ 60 PSI (540 RPM)	44 lbs.	\$1,001.00
<b>C9008 1000</b>	1000 RPM tractor mounted pump. For 1 ¾" PTO. 70 GPM @ 60 PSI (1000 RPM)	45 lbs.	\$1,039.00
<b>C9028 1000</b>	1000 RPM tractor mounted pump. For 1 ¾" PTO. 70 GPM @ 60 PSI (1000 RPM)	48 lbs.	\$1,204.00
<b>C9016 540</b>	540 RPM frame mounted pump. (1" diameter stub shaft) 47 GPM @ 60 PSI (540 RPM)	41 lbs.	\$987.00
<b>C9018 1000</b>	1000 RPM frame mounted pump. (1" diameter stub shaft) 70 GPM @ 60 PSI (1000 RPM)	42 lbs.	\$1,026.00
<b>5564</b>	Viton® Seal Repair Kit		\$55.33
<b>3430 0591</b>	Silicone Carbide Seal Repair Kit. Excellent Life Guard™ survivability		\$206.18



## Hypro® Belt-driven Centrifugal Pump

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

<b>C9402 540S</b>	Cast iron 1 ¼" x 1" straight centrifugal pump, 600 RPM for 1" solid shaft. 54 GPM at 60 PSI (540 RPM).	45 lbs.	\$977.00
<b>C9402 540Q</b>	Cast iron 1 ¼" x 1" straight centrifugal pump, 600 RPM with 1 ¾" PTO, 6 spline, and quick coupler. 98 GPM at 60 PSI (540 RPM).	45 lbs.	\$977.00
<b>C9403B2</b>	Cast iron 1 ½" x 1 ¼" straight centrifugal pump, 1000 RPM for 1 ¾" PTO, 21 spline. 98 GPM at 60 PSI.	42 lbs.	\$1,103.00
<b>C9403 1000L</b>	Cast iron 1 ½" x 1 ¼" straight centrifugal pump, 1000 RPM for 1 ¾" PTO, 21 spline. 128 GPM at 60 PSI.(1000 RPM)	42 lbs.	\$1,145.00
<b>C9403 540S</b>	Cast iron 1 ½" x 1 ¼" straight centrifugal pump, 600 RPM for 1" solid shaft. 98 GPM at 60 PSI (540 RPM).	45 lbs.	\$1,103.00
<b>C9403B5</b>	Cast iron 1 ½" x 1 ¼" straight centrifugal pump, 1000 RPM for 1" solid shaft. 128 GPM at 60 PSI.	42 lbs.	\$1,103.00
<b>5565</b>	Viton® Seal Repair Kit		\$60.36
<b>3430 0589</b>	Silicone Carbide Seal Repair Kit. Excellent Life Guard™ survivability		\$196.47
<b>3100 0005</b>	1000 RPM 12 Groove Belt		\$66.65
<b>3100 0006</b>	540 RPM 12 Groove Belt		\$89.83
<b>3103 0009</b>	540 RPM Cogged Belt F/9401 Series		\$71.72
<b>3103 0010</b>	1000 RPM Cogged Belt F/9401 Series		\$55.74



## 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.

<b>C9303HM1</b>	8-15 GPM hydraulic motor with 1 ½" x 1 ¼" cast iron pump. 104 GPM @ 60 PSI.(3000 PSI. maximum @ remote outlet)	26 lbs.	\$940.00
<b>C9303HM2</b>	4-8 GPM hydraulic motor with 1 ½" x 1 ¼" cast iron pump. 50 GPM @ 60 PSI. (3000 PSI maximum @ remote outlet)	26 lbs.	\$940.00
<b>C9303HM3</b>	15-23 GPM hydraulic motor with 1 ½" x 1 ¼" cast iron pump.76 GPM @ 60 PSI.(3000 PSI. maximum @ remote outlet)	26 lbs.	\$1,000.00
<b>C9314HM1</b>	10-20 GPM oil flow 2" x 2" for closed/open center systems. 120 PSI maximum pressure, 207 GPM @ 60 PSIIncludes <b>Life Guard™ seal and 220 Flanged ports.</b> (3000 PSI maximum @ remote outlet)	41 lbs.	\$1,235.00
<b>5565</b>	Viton® Seal Repair Kit		\$60.36
<b>3430 0589</b>	Silicone Carbide Seal Repair Kit. Excellent Life Guard™ survivability		\$196.47
<b>3430 0178</b>	Repair Kit for Orbit Motor		\$99.53



# Centrifugal Sprayer Pumps

## 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.

<b>PTOC600 10QC</b>	Cast iron pump for direct mounting on 1 3/8" 600 RPM PTO shaft. Pump is equipped with quick coupler.	46 lbs.	\$1,055.00
<b>PTOC1000 10</b>	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.	43 lbs.	\$1,149.00
<b>PTOC600 10B</b>	Cast iron pump. 1" dia. stub shaft and integral mounting base for 600 RPM Tumblerod drive shaft.	42 lbs.	\$1,018.00
<b>FMCMIA</b>	Replacement cast iron pump	18 lbs.	\$520.00
<b>RKFMC</b>	Pump Seal Repair Kit		\$66.61
<b>BAC28 10</b>	540 RPM 10 Groove Belt		\$49.22
<b>BAC28 10M</b>	1000 RPM 10 Groove Belt		\$49.97



## 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.

<b>PTOC600QC150</b>	Cast iron pump for direct mounting on 1 3/8" 600 RPM PTO shaft. With quickcoupler.	51 lbs.	\$1,210.00
<b>PTOC600 10B150</b>	Cast iron pump. 1" dia. stub shaft and integral mounting base for 600 RPM Tumblerod drive shaft.	52 lbs.	\$1,182.00
<b>PTOC1000 175</b>	Cast iron pump for direct mounting on 1 3/4" 1000 RPM PTO shaft. With 20 spline PTO shaft & locking collar.	50 lbs.	\$1,210.00
<b>RKFMC150</b>	Pump Seal Repair Kit.		\$63.59
<b>BAC28 10 150</b>	540 RPM 10 Groove Belt.		\$62.07
<b>BAC28 10M150</b>	1000 RPM 10 Groove Belt.		\$44.91



## Ace Hydraulic Pumps

<b>FMCHYD204</b>	1 1/4" x 1" 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).	26 lbs.	\$1,071.00
<b>FMCHYD210</b>	1 1/4" x 1" frame mounted centrifugal, hydraulic driven pump. 0-100 PSI at max. 75 GPM at open discharge. Tractor hydraulic system must have 8-17 GPM of hydraulic fluid available to the sprayer pump from the tractor remote outlet (at 1000 PSI).	27 lbs.	\$1,071.00
<b>FMC150HYD206</b>	1 1/4" x 1 1/4" 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).	31 lbs.	\$1,110.00
<b>FMC150HYD304</b>	1 1/4" x 1 1/4" 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).	38 lbs.	\$1,321.00
<b>FMC200HYD304</b>	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).	33 lbs.	\$1,255.00
<b>RKFMC</b>	Viton® Pump Seal Repair Kit.		\$66.61
<b>RKBAC75HYDL</b>	Hydraulic Orbit Motor Repair Kit. (for 204, 206, 210 only)		\$75.83
<b>RKBAC75HYD300L</b>	Hydraulic Orbit Motor Repair Kit. (for 304 motor only)		\$115.22

TRACTOR HYDRAULIC REMOTE OUTLET CAPACITY (GPM)

MODEL	CLOSED CENTER	OPEN CENTER
FMCHYD204	All	4-13
FMCHYD210	Load Sensing	8-17
FMC150HYD206	All	7-16
FMC200HYD304	11 GPM Minimum	11-20



# Hypro® Roller Pumps

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



C4101



XL7560

A Hypro® roller pump with Viton® seals, 4 polypropylene rollers,  $\frac{3}{4}$ " NPT ports. Max. capacity 3.3 GPM at 150 PSI and 4.4 at 50 PSI. Max. pressure 150 PSI.

<b>C4001</b>	Hypro® 1800 RPM cast iron pump	5 lbs.	\$175.00
<b>XL4001</b>	"Silver Cast" 1800 RPM pump	5 lbs.	\$451.00
<b>05327</b>	2000 RPM, 15 Spline, PTO Adapter	1 lbs.	\$39.66
<b>C4101</b>	Hypro® 2600 RPM cast iron pump	5 lbs.	\$163.00
<b>XL4101</b>	"Silver Cast" 2600 RPM pump	5 lbs.	\$438.00
<b>3430 0158</b>	Pump Repair Kit (includes rollers, seals, & O-ring)		\$39.77

## 4000 SERIES

A Hypro® roller pump with Viton® seals, 6 polypropylene rollers,  $\frac{3}{4}$ " NPT ports and  $\frac{5}{8}$ " solid shaft. Max. capacity 21.8 GPM at 1200 RPM, 18.2 GPM at 1000 RPM, 9.7 GPM at 540 RPM. Maximum pressure 300 PSI.

<b>C6500</b>	Hypro® cast iron pump	8.5 lbs.	\$177.00
<b>XL6500</b>	Hypro® "Silver Cast" pump	9 lbs.	\$567.00
<b>1321 0012</b>	1 $\frac{1}{8}$ " multi-speed quick coupler for 6500 series		\$38.00
<b>3430 0380</b>	Pump Repair Kit (includes rollers, seals, & O-ring)		\$46.86

## 6500 SERIES

A Hypro® roller pump with Viton® seals, 8 polypropylene rollers,  $\frac{3}{4}$ " NPT ports and  $\frac{15}{16}$ " solid shaft. Max. capacity 22.5 GPM at 1000 RPM, 12 GPM at 540 RPM. Maximum pressure 300 PSI.

<b>C7560</b>	Hypro® cast iron pump.	13 lbs.	\$231.00
<b>XL7560</b>	Hypro® "Silver Cast" pump.	13 lbs.	\$676.00
<b>1321 0013</b>	1 $\frac{1}{8}$ " multi-speed quick coupler for 7560 series		\$40.00
<b>3430 0167</b>	Pump Repair Kit (includes rollers, seals, & O-ring)		\$65.34

## 7560 SERIES

A Hypro® roller pump with Viton® seals, 5 polypropylene rollers, 1" NPT ports and  $\frac{15}{16}$ " solid shaft. Max. capacity 45 GPM at 1000 RPM, 25 GPM at 540 RPM. Maximum pressure 200 PSI.

<b>C1700</b>	Hypro® cast iron pump	19 lbs.	\$366.00
<b>XL1700</b>	Hypro® "Silver Cast" pump	20 lbs.	\$1,026.00
<b>1321 0013</b>	1 $\frac{1}{8}$ " multi-speed quick coupler		\$40.00
<b>3430 0161</b>	Pump Repair Kit (includes rollers, seals, & O-ring)		\$67.73

# 12 Volt Electric Pumps



8000 543 150

**8000 543 150**

A 12 volt DC continuous duty motor and positive displacement diaphragm pump. Pump has Viton® valves and will totally bypass at 45 PSI, 1.8 GPM max., 4.7 amp draw at 30 PSI.  $\frac{1}{2}$ " FPT ports.

5 lbs. \$122.00

94 391 06 Santoprene (EPDM) Valve Kit (for foam markers)

\$46.41

94 391 09 Viton® Valve Kit (for sprayers)

\$90.28

94 395 06 Diaphragm Kit

\$44.40

2088 343 135 A 12 volt DC intermittent duty motor and positive displacement diaphragm pump. 3 GPM max., 45 PSI max., 8.6 amps draw at 30 PSI.  $\frac{1}{2}$ " MPT ports.

6 lbs. \$279.00

94 232 05 Viton® Valve Kit

\$101.94

12981 A 12 volt DC heavy duty motor and positive displacement diaphragm pump. Pump has Viton® valves and will totally bypass at 60 PSI. 5 GPM max., 9 amp draw at 20 PSI.  $\frac{1}{2}$ " FPT ports.

7 lbs. \$383.00

13028 Viton® Valve Assembly

\$54.50

13030 Upper housing assembly

\$96.99



12981

# Gasoline Driven Straight Centrifugal Pumps



**DAC135H**

**DAC135**

Straight centrifugal pump with 3.5 HP Briggs & Stratton engine. Viton® seals are standard. Engine is equipped with ball bearings, rewind starter, and a manual throttle to control engine speed. Pump delivers 12 GPM @ 50 PSI. Pump must be initially primed or seals will be damaged. 1" x  $\frac{3}{4}$ " port size.

28 lbs. \$920.00

**DAC135H**

Straight centrifugal pump with 3 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 12 GPM @ 50 PSI. Pump must be initially primed or seals will be damaged. 1" x  $\frac{3}{4}$ " port size.

28 lbs. \$1,301.00

1 lb. \$83.79

**13314**

**DHC155**

Pump Repair Kit (for DAC135 Series)

Straight centrifugal pump with 6.5 HP PowerPro™ 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'.

53 lbs. \$1,013.00

65 lbs. \$1,736.00

\$475.00

**DHC155H**

**DHC155LE**

**5565**

**DHC155HE**

Replacement Pump (for DHC155 or DHC155H)

Pump Repair Kit (for DHC155 Series)

With Honda® 5.5 HP engine, electric start

1 lb. \$60.36

70 lbs. \$3,384.00



**DHC155**

# Parts

## Valves



SAFI 12 volt ball valve designed for remote on/off control of spray booms and nozzles at pressures to 300 PSI.  
 1/2 sec. response time from fully open to fully closed. Flanged inlet and outlet connections.  
 35 GPM of flow.

**12844** Valve with Packard \$368.19

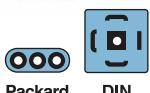
**13534** Motor with Packard \$238.35



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.

**09484** Valve with DIN \$486.40

**10933** Valve with Packard \$489.78



### Repair Parts

**AB460** Seal Kit (SS ball included) \$202.58

**AB460-1** Seal Kit (without ball) \$66.53

**12095** Replacement Motor w/Packard (50515 Series) \$377.20



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. 3/8" NPT (F) inlet and 1/2" NPT (F) outlet. 10 GPM of flow.

**144A1** \$219.59

EPDM Repair Kit

**AB144A1** \$34.77

Viton® Repair Kit

**AB144A1VI** \$52.01



12 volt worm gear drive plunger valve assembly. Flanged connections. Requires DIN electrical connection.

**463011 900** \$348.67



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** \$193.02

Repair Kit

**AB244** \$19.18



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** \$148.10



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** \$146.47



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

**6B1** \$56.97

Repair Kit

**AB6B1** \$23.90



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** \$144.72

Repair Kit

**AB17** \$40.16

## Pressure Regulators



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

**23120PP** 1/2" NPT connections (100 PSI) \$41.46

**23340PP** 3/4" NPT connections (150 PSI) \$41.46

## Pressure Gauges



**60GS** 2 1/2" SS 60 PSI \$19.59

**64GS** 4" SS 60 PSI \$39.30

**60GB** 2 1/2" Brass 60 PSI \$15.07

**100GB** 2 1/2" Brass 100 PSI \$20.16

**104GB** 4" Brass 100 PSI \$28.69

**164GS** 4" SS 160 PSI \$37.51

**160GS** 2 1/2" SS 160 PSI \$22.63

**160GB** 2 1/2" Brass 160 PSI \$15.07

**160GBF** 2 1/2" Brass Glycerine filled 160 PSI \$25.66

**200GB** 2 1/2" Brass 200 PSI \$15.07

**164GBF** 4" Brass Glycerine filled, back port 160 PSI \$65.02

**909P0100** Glycerine filled, back port 100 PSI Arag® \$116.58



**12800** 4" Brass Glycerine filled, back port with mounting flange 160 PSI (50 Series sprayer) \$65.02



**12800** 4" Brass Glycerine filled, back port with mounting flange 160 PSI (50 Series sprayer) \$65.02

## Chemical Isolator Kits



**2250** For 5120 Console Texas Industrial Remcor \$90.82

**23800** For 3318 Console TeeJet® \$126.29

**Hose**

1/2" Clear Vinyl	<b>120</b>	\$1.38
3/4" Clear Vinyl	<b>340</b>	\$2.03
1" Clear Vinyl	<b>1000</b>	\$2.37
3/8" EPDM Rubber	<b>380RB</b>	\$0.84
1/2" EPDM Rubber	<b>120RB</b>	\$1.44
3/4" EPDM Rubber	<b>340RB</b>	\$1.58
1" EPDM Rubber	<b>1010RB</b>	\$4.90
1 1/4" EPDM Rubber	<b>1140RB</b>	\$4.99
1 1/2" EPDM Rubber	<b>1120RB</b>	\$5.90
1 1/4" Wire Suction	<b>S114</b>	\$13.07
1 1/2" Wire Suction	<b>S112</b>	\$14.89
2" Wire Suction	<b>S2020</b>	\$16.28

**Stainless Steel Hose Clamps with Stainless Steel Screw****B20H**

1/4"	<b>B4H</b>	\$1.29
3/8"	<b>B6H</b>	\$1.57
1/2"	<b>B8H</b>	\$1.66
3/4"	<b>B12H</b>	\$1.73
1"	<b>B20H</b>	\$1.88
1 1/4"	<b>B24H</b>	\$2.00
1 1/2"	<b>B32H</b>	\$2.16
2"	<b>B44H</b>	\$2.42
3"	<b>B64H</b>	\$2.90
7 1/2"	<b>B128H</b>	\$6.09

**2-Way Ball Valves****UV125FP**

1/2"	<b>UV050FP</b>	\$27.78
3/4"	<b>UV075FP</b>	\$27.78
1"	<b>UV100FP</b>	\$34.65
1 1/4"	<b>UV125FP</b>	\$59.83
1 1/2"	<b>UV150FP</b>	\$59.83
2"	<b>UV200FP</b>	\$74.59

**3-Way Ball Valves****UV125FP3**

1"	<b>UV100FP3</b>	\$55.55
1 1/4"	<b>UV125FP3</b>	\$57.71
2"	<b>UV200FP3</b>	\$86.76

**Ball Valves**

1 1/4" Ratchet	<b>4011 1 1/4R</b>	\$228.98
Seal Repair Kit	<b>5542</b>	\$38.54

**PTO Shafts**

26" Constant Velocity	<b>03774</b>	540 RPM
32" Constant Velocity	<b>05654</b>	1000 RPM
36" Standard	<b>00211</b>	NA

<b>03874</b>	\$546.00
<b>NA</b>	\$546.00
<b>00469</b>	\$252.00

**Springs**

Cable Tension for X-Fold	<b>07580</b>	\$4.38
Piston Pump Idler & DB12 Boom	<b>01564</b>	\$10.32
Boom Breakaway	<b>00180-76</b>	\$25.34
Floating Boom	<b>00200-76</b>	\$26.92
X-Fold Boom	<b>07838-51</b>	\$39.65
Running Gear Tongue w/Insert	<b>00306-30</b>	\$62.94

**Handguns**

15" Hand Spray Gun	<b>ZAAL60</b>	\$134.20
Repair Kit	<b>AB2AAL</b>	\$19.77



18" Hand Spray Gun with	<b>12434</b>	\$42.35
adjustable tip, 3/8" FPT	<b>12496</b>	\$10.94
Replacement tip		



Lawn / Turf Gun with #3 Black Nozzle	<b>25660-3</b>	\$116.00
& 3/4" FPT Threads	<b>25670-1.5</b>	\$16.60
Nozzle only 1.5 Gray	<b>25670-3</b>	\$17.27
Nozzle only 3 Black	<b>25670-4</b>	\$16.60
Nozzle only 4 Red	<b>AB2566</b>	\$20.90
Repair Kit		



15" Hand Spray Gun	<b>12217</b>	\$21.75
--------------------	--------------	---------

# Parts

## Male Tapered Pipe Threads and Hose Barbs



BA3434

1/4"	1/4"	<b>A1414</b>	\$0.68
1/4"	3/8"	<b>A1438</b>	\$0.45
1/4"	1/2"	<b>A1412</b>	\$0.47
3/8"	3/8"	<b>A3838</b>	\$0.47
3/8"	1/2"	<b>A3812</b>	\$0.49
1/2"	3/8"	<b>A1238</b>	\$0.94
1/2"	1/2"	<b>BA1212</b>	\$1.62
1/2"	3/4"	<b>BA1234</b>	\$1.79
3/4"	1/2"	<b>BA3412</b>	\$1.79
3/4"	3/8"	<b>A3438</b>	\$1.12
3/4"	3/4"	<b>BA3434</b>	\$1.79
3/4"	1"	<b>A3410</b>	\$0.70
1"	3/4"	<b>BA1034</b>	\$2.25
1"	1"	<b>BA1010</b>	\$2.25
1"	1 1/4"	<b>BA1114</b>	\$2.83
1 1/4"	3/4"	<b>BA114 34</b>	\$2.83
1 1/4"	1"	<b>BA114 1</b>	\$2.83
1 1/4"	1 1/4"	<b>BA114</b>	\$2.83
1 1/4"	1 1/2"	<b>A114 112</b>	\$3.69
1 1/2"	1 1/4"	<b>BA112 114</b>	\$4.39
1 1/2"	1 1/2"	<b>BA112</b>	\$4.62
1 1/2"	2"	<b>BA112 200</b>	\$7.71
2"	1 1/2"	<b>BA200 112</b>	\$7.36
2"	2"	<b>A200</b>	\$2.71



A3410

## Male Tapered Pipe Thread and Hose Barb Elbows



BEL3434

1/4"	1/4"	<b>EL1414</b>	\$1.13
1/4"	3/8"	<b>EL1438</b>	\$0.67
1/4"	1/2"	<b>EL1412</b>	\$0.71
3/8"	3/8"	<b>EL3838</b>	\$0.79
3/8"	1/2"	<b>EL3812</b>	\$1.29
1/2"	3/8"	<b>EL1238</b>	\$0.76
1/2"	1/2"	<b>BEL1212</b>	\$1.79
1/2"	3/4"	<b>BEL1234</b>	\$1.79
3/4"	1/2"	<b>BEL3412</b>	\$2.36
3/4"	3/4"	<b>BEL3434</b>	\$2.36
3/4"	1"	<b>EL3410</b>	\$1.64
1"	3/4"	<b>BEL1034</b>	\$2.98
1"	1"	<b>BEL1010</b>	\$2.98
1"	1 1/4"	<b>BEL1114</b>	\$3.76
1 1/4"	3/4"	<b>EL114 34</b>	\$3.74
1 1/4"	1"	<b>BEL114 1</b>	\$3.76
1 1/4"	1 1/4"	<b>BEL114</b>	\$3.76
1 1/4"	1 1/2"	<b>EL114 112</b>	\$5.72
1 1/2"	1 1/4"	<b>BEL112 114</b>	\$10.22
1 1/2"	1 1/2"	<b>EL112</b>	\$4.86
2"	1 1/2"	<b>BEL200 112</b>	\$11.09
2"	2"	<b>BEL200</b>	\$9.83



EL3410

## Hose Barb Tees



T34

3/8"	<b>T38</b>	\$0.75
1/2"	<b>T12</b>	\$0.76
3/4"	<b>T34</b>	\$2.36
1"	<b>T100</b>	\$2.81
1 1/4"	<b>T114</b>	\$4.66
1 1/2"	<b>T112</b>	\$5.54
2"	<b>T200</b>	\$15.22

## Male Tapered Pipe Thread Nipples



BM3400

1/4"	1/4"	<b>M1400</b>	\$0.84
3/8"	3/8"	<b>M3838</b>	\$0.87
1/2"	1/4"	<b>M1214</b>	\$0.52
1/2"	3/8"	<b>BM1238</b>	\$1.04
1/2"	1/2"	<b>M1200</b>	\$0.50
3/4"	3/8"	<b>M3438</b>	\$1.05
3/4"	1/2"	<b>M3412</b>	\$1.10
3/4"	3/4"	<b>BM3400</b>	\$1.94
1"	3/4"	<b>BM1034</b>	\$3.53
1"	1"	<b>BM1000</b>	\$2.64
1 1/4"	1"	<b>BM114 1</b>	\$3.76
1 1/4"	1 1/4"	<b>BM1140</b>	\$2.64
1 1/2"	1 1/4"	<b>BM112 114</b>	\$3.96
1 1/2"	1 1/2"	<b>BM1120</b>	\$5.02
2"	1 1/2"	<b>BM200 112</b>	\$3.95
2"	2"	<b>BM2000</b>	\$5.78

## Reducer Bushings



BRB112 114

3/8"	1/4"	<b>RB3814</b>	\$0.87
1/2"	1/4"	<b>RB1214</b>	\$1.04
1/2"	3/8"	<b>BRB1238</b>	\$3.76
3/4"	1/8"	<b>BRB3418</b>	\$3.76
3/4"	1/4"	<b>RB3414</b>	\$1.14
3/4"	3/8"	<b>RB3438</b>	\$1.04
3/4"	1/2"	<b>RB3412</b>	\$1.64
1"	1/4"	<b>BRB1014</b>	\$3.96
1"	1/2"	<b>RB1012</b>	\$1.94
1"	3/4"	<b>BRB1034</b>	\$3.96
1 1/4"	3/4"	<b>BRB114 34</b>	\$3.96
1 1/4"	1"	<b>BRB114 1</b>	\$4.01
1 1/2"	1 1/4"	<b>BRB112 114</b>	\$5.26
2"	1"	<b>BRB200 100</b>	\$5.78
2"	1 1/4"	<b>BRB200 114</b>	\$5.78
2"	1 1/2"	<b>RB200 112</b>	\$4.62
3"	2"	<b>RB300 200</b>	\$12.36

## Hose Menders



SHM3400

1/4" X 1/4"	<b>SHM1400</b>	\$0.45
3/8" X 1/4"	<b>SHM3814</b>	\$0.76
3/8" X 3/8"	<b>SHM3800</b>	\$0.76
1/2" X 1/4"	<b>SHM1214</b>	\$0.47
1/2" X 3/8"	<b>SHM1238</b>	\$0.52
1/2" X 1/2"	<b>SHM1200</b>	\$0.47
1/2" X 5/8"	<b>SHM1258</b>	\$0.55
5/8" X 3/8"	<b>SHM5838</b>	\$0.52
5/8" X 5/8"	<b>SHM5800</b>	\$0.92
3/4" X 3/4"	<b>SHM3400</b>	\$1.40
1" X 1"	<b>SHM1000</b>	\$0.89
1 1/4" X 1 1/4"	<b>SHM114</b>	\$3.32
1 1/2" X 1 1/2"	<b>SHM112</b>	\$4.10
2" X 2"	<b>SHM200</b>	\$6.04

## Threaded Tees



BTT114

1/4"	<b>TT14</b>	\$2.86
1/2"	<b>BTT12</b>	\$5.90
3/4"	<b>BTT34</b>	\$6.34
1"	<b>BTT100</b>	\$8.96
1 1/4"	<b>BTT114</b>	\$10.47
1 1/2"	<b>BTT112</b>	\$15.18
2"	<b>BTT200</b>	\$15.79

**90° Street Elbows****BSE112**

1/4"	<b>SE14</b>	\$1.67
3/8"	<b>BSE38</b>	\$5.20
1/2"	<b>SE12</b>	\$2.28
3/4"	<b>BSE34</b>	\$5.63
1"	<b>SE100</b>	\$6.79
1 1/4"	<b>BSE114</b>	\$8.23
1 1/2"	<b>SE112</b>	\$7.40
2"	<b>SE200</b>	\$15.11

**Line Strainers & Screens****RVF114 40**

3/8" HB 80 mesh	<b>RVB38 80</b>	\$14.88
1/2" HB 80 mesh	<b>RVB12 80</b>	\$22.14
3/4" FPT 40 mesh	<b>RVF34 40</b>	\$27.66
3/4" FPT 80 mesh	<b>RVF34 80</b>	\$27.66
1" FPT 40 mesh	<b>RVF100 40</b>	\$61.39
1" FPT 80 mesh	<b>RVF100 80</b>	\$66.48
1 1/4" FPT 40 mesh	<b>RVF114 40</b>	\$61.39
1 1/4" FPT 80 mesh	<b>RVF114 80</b>	\$66.48
1 1/2" FPT 40 mesh	<b>RVF112 40</b>	\$55.05
1 1/2" FPT 80 mesh	<b>RVF112 80</b>	\$66.48

**Replacement Screens**

3/8" & 1/2" 80 mesh	<b>RVB80</b>	\$4.33
3/4" 40 mesh	<b>RVF340</b>	\$8.96
3/4" 80 mesh	<b>RVF380</b>	\$8.96
1" 40 mesh	<b>RVF140</b>	\$9.75
1" 80 mesh	<b>RVF180</b>	\$16.04
1 1/4" 40 mesh	<b>RVF1140</b>	\$11.20
1 1/4" 80 mesh	<b>RVF1180</b>	\$17.11
1 1/2" 40 mesh	<b>RVF1240</b>	\$14.53
1 1/2" 80 mesh	<b>RVF1280</b>	\$23.01

**Replacement Gaskets**

3/8" & 1/2"	<b>RVB38GE</b>	\$1.40
3/4"	<b>RVF34GV</b>	\$6.22
1", 1 1/4" & 1 1/2"	<b>RVF114GV</b>	\$8.75

**LS200 50**

3/4" FPT 40 mesh	<b>LS075 40</b>	\$44.30
3/4" FPT 60 mesh	<b>LS075 60</b>	\$49.62
3/4" FPT 80 mesh	<b>LS075 80</b>	\$49.62
1" FPT 40 mesh	<b>LS100 40</b>	\$48.65
1" FPT 80 mesh	<b>LS100 80</b>	\$55.46
1 1/4" FPT 40 mesh	<b>LS125 40</b>	\$47.23
1 1/4" FPT 80 mesh	<b>LS125 80</b>	\$55.46
1 1/2" FPT 50 mesh	<b>LS150 50</b>	\$106.72
1 1/2" FPT 80 mesh	<b>LS150 80</b>	\$106.72
2" FPT 50 mesh	<b>LS200 50</b>	\$106.72
2" FPT 80 mesh	<b>LS200 80</b>	\$106.71

**Replacement Screens**

3/4" 60 mesh	<b>LS760</b>	\$22.09
3/4" 80 mesh	<b>LS780</b>	\$23.94
1" & 1 1/4" 40 mesh	<b>LS140</b>	\$23.94
1" & 1 1/4" 80 mesh	<b>LS180</b>	\$17.96
1 1/2" & 2" 20 mesh	<b>LS220</b>	\$46.63
1 1/2" & 2" 50 mesh	<b>LS250</b>	\$51.30
1 1/2" & 2" 80 mesh	<b>LS280</b>	\$51.30

**Replacement Gaskets**

3/4"	<b>LS075G</b>	\$4.58
1" & 1 1/4"	<b>LS100G</b>	\$4.80
1 1/2" & 2" O-ring	<b>LS150G</b>	\$4.80
1 1/2" & 2" Square	<b>LS200G</b>	\$5.35

**Quick Couplers**

1 1/4"	<b>633A114</b>	\$7.91
1 1/2"	<b>633A112</b>	\$9.32
2"	<b>633A2020</b>	\$10.88



1"	<b>633B1</b>	\$20.75
1 1/4"	<b>633B114</b>	\$19.36
1 1/2"	<b>633B112</b>	\$25.13
2"	<b>633B2020</b>	\$28.93



1"	<b>633C1</b>	\$20.75
1 1/4"	<b>633C114</b>	\$17.50
1 1/2"	<b>633C112</b>	\$25.13
2"	<b>633C2020</b>	\$28.93



1 1/4"	<b>633D114</b>	\$20.75
1 1/2"	<b>633D112</b>	\$25.14
2"	<b>633D2020</b>	\$30.69



1"	<b>633E1</b>	\$9.51
1 1/4"	<b>633E114</b>	\$9.51
1 1/2"	<b>633E112</b>	\$9.83
2"	<b>633E2020</b>	\$13.07



1"	<b>633F1</b>	\$9.51
1 1/4"	<b>633F114</b>	\$8.02
1 1/2"	<b>633F112</b>	\$9.83
2"	<b>633F2020</b>	\$13.07



1" & 1 1/4"	<b>634A1</b>	\$8.58
1 1/2"	<b>634A112</b>	\$9.51
2"	<b>634A2020</b>	\$12.81



1" & 1 1/4"	<b>634B114</b>	\$20.75
1 1/2"	<b>634B112</b>	\$25.13
2"	<b>634B2020</b>	\$28.93



1"	<b>100G</b>	\$2.41
1 1/2"	<b>112G</b>	\$1.65
2"	<b>200G</b>	\$1.79

# Parts

## Gaskets



	OD			
1" flange	1.5"	<b>M100G</b>	\$2.84	
2" flange	2.375"	<b>112G</b>	\$1.65	
2" full port flange	2.5"	<b>200G</b>	\$1.79	
3" flange		<b>300G</b>	\$2.42	

## Clamps



1"	<b>09938</b>	\$11.55
2"	<b>09939</b>	\$13.25
2" Full Port	<b>09940</b>	\$15.17
3"	<b>12030</b>	\$14.48

## End Plugs



1"	<b>FF100</b>	\$2.84
2"	<b>FF200</b>	\$5.92
2" Full Port	<b>FF220</b>	\$7.52

## Flanged and Hose Barbs



1" flange x 1" hose	<b>FA100 100HB</b>	\$2.52
2" flange x 1" hose	<b>FA200 100HB</b>	\$6.73
2" flange x 1 1/4" hose	<b>FA200 125HB</b>	\$6.73
2" flange x 1 1/2" hose	<b>FA200 150HB</b>	\$6.73
2" flange x 2" hose	<b>FA200 200HB</b>	\$6.73
2" flange full port x 2" hose	<b>FA220 200HB</b>	\$6.06
3" flange x 3" hose	<b>FA300 300HB</b>	\$21.70

## Flanged and Hose Barb Elbows



1" flange x 1" hose	<b>FEL100 100HB</b>	\$3.08
2" flange x 1" hose	<b>FEL200 100HB</b>	\$12.48
2" flange x 1 1/4" hose	<b>FEL200 125HB</b>	\$12.48
2" flange x 1 1/2" hose	<b>FEL200 150HB</b>	\$12.51
2" flange x 2" hose	<b>FEL200 200HB</b>	\$12.51
2" flange full port x 1 1/2" hose	<b>FEL220 150HB</b>	\$12.48
2" flange full port x 2" hose	<b>FEL220 200HB</b>	\$12.48
3" flange x 3" hose	<b>FEL300 300HB</b>	\$57.97

## Flanged and Flange Couplings



1" flange x 1" flange	<b>FA100</b>	\$6.73
2" flange x 1" flange	<b>FA200 100</b>	\$20.16
2" flange x 2" flange	<b>FA200</b>	\$17.74
3" flange x 2" flange full port	<b>FA300 220</b>	\$45.39

## Flanged and Flange Elbows



2" flange x 2" flange	<b>FEL200</b>	\$15.75
2" flange full port x 2" flange full port	<b>FEL220</b>	\$15.75

## Flanged Cross



2" flange	<b>FCR200</b>	\$45.56
-----------	---------------	---------

## Flanged Tees



1" x 2" x 2" flanges	<b>FT100 200</b>	\$17.47
2" x 2" x 2" flanges	<b>FT200</b>	\$18.22
2" x 2" x 2" flanges full port	<b>FT220</b>	\$18.22

## Flanged and Male Pipe Threads



1" flange x 1" MPT	<b>FA100 100MPT</b>	\$2.87
2" flange x 1 1/4" MPT	<b>FA200 125MPT</b>	\$5.95
2" flange x 1 1/2" MPT	<b>FA200 150MPT</b>	\$5.95
2" flange x 2" MPT	<b>FA200 200MPT</b>	\$5.96
2" flange full port x 2" MPT	<b>FA220 200MPT</b>	\$6.72

## Flanged Ball Valves



1" full port	<b>MV100CF</b>	\$59.31
2"	<b>MV200CF</b>	\$83.89
2" full port	<b>MV220CF</b>	\$111.78

## Flanged 3-Way Ball Valves



2" 3-way, bottom load	<b>FV200BLCF</b>	\$106.32
2" 3-way, full port side load	<b>FV220SLCF</b>	\$158.90

## Stubby 2-Way Ball Valves



2" coupler x 2" hose barb	<b>VSFHB 200</b>	\$84.72
2" coupler x 2" FPT	<b>VSF204FP</b>	\$86.70
2" coupler x 2" flange	<b>MVSF200CF</b>	\$70.49
3" coupler x 3" flange	<b>MVSF 300</b>	\$177.06

## Flanged Strainers



1 1/2" flange strainer with screen	<b>FLST150 50</b>	\$74.97
Gasket (TeeJet®)	<b>11537</b>	\$5.92
Gasket (TeeJet®)	<b>14485</b>	\$3.72
Bottom Cap		
50 mesh screen (TeeJet®)	<b>11538</b>	\$24.99
Gasket (Banjo®)	<b>LST150GV</b>	\$11.34
50 mesh screen (Banjo®)	<b>LST1550</b>	\$33.89

# Spray Nozzle Accessories

## Drip Free Check Valves



<b>DF12NTL</b>	1/2" nozzle elbow & check valve assembly	\$10.73
<b>DF12NTT</b>	1/2" nozzle tee & check valve assembly	\$10.73
<b>DF34NTL</b>	3/4" nozzle elbow & check valve assembly	\$10.73
<b>DF34NTT</b>	3/4" nozzle tee & check valve assembly	\$10.73
<b>DFDV</b>	Replacement Viton® Diaphragm	\$1.52
<b>DFCP</b>	Replacement Diaphragm Cap Assembly	\$4.41
<b>DFGE</b>	EPDM Tip Cap Gasket	\$0.59
<b>DFFD</b>	Floodjet Cap (red)	\$1.04
<b>DFFT</b>	Flat Cap (yellow)	\$1.04

## TEEJET® Nozzle Body Series for Disc, Planter

### Banding & Pressure Hose Kits



<b>10913</b>	1/2" Single End Nozzle Assembly (less cap & gasket)	\$8.54
<b>10914</b>	1/2" Single Tee Nozzle Assembly (less cap & gasket)	\$8.54
<b>21953VI</b>	Replacement Diaphragm - Viton®	\$1.73
<b>21950 10PP</b>	Replacement Diaphragm Cap Assembly	\$4.24

## TEEJET® Nozzle Body Series for Dry Booms



<b>09147</b>	3/4" Single End Nozzle Assembly (less cap & gasket)	\$10.06
<b>09148</b>	3/4" Single Tee Nozzle Assembly (less cap & gasket)	\$10.06
<b>09310</b>	1/2" Single End Nozzle Assembly (less cap & gasket)	\$10.06
<b>09311</b>	1/2" Single Tee Nozzle Assembly (less cap & gasket)	\$10.06

## TEEJET® 360° Nozzle Body Series for Wet or Dry Booms



15929

<b>07782 (360)</b>	Triple End Nozzle Assembly	
<b>15928 (370)</b>	3/4" Hose Barb (less caps & gaskets)	\$26.15
<b>07783 (360)</b>	Triple Tee Nozzle Assembly	
<b>15929 (370)</b>	3/4" Hose Barb (less caps & gaskets)	\$26.15
<b>21953VI</b>	Replacement Diaphragm - Viton®	\$1.73

## Caps & Gaskets for TEEJET® Nozzle Bodies



Cap & Gasket

<b>07787</b>	Flat Fan Red Cap w/EPDM gasket	\$1.38
<b>07788</b>	Flat Fan Blue Cap w/EPDM gasket	\$1.38
<b>07789</b>	Flat Fan Brown Cap w/EPDM gasket	\$1.38
<b>07790</b>	Flood Jet Green Cap w/EPDM gasket	\$1.38
<b>09692</b>	Air Induction Yellow Cap w/EPDM gasket	\$1.38
<b>19438EPR</b>	EPDM Tip Cap gasket	\$0.58

## Nozzle Bodies



<b>NTL38</b>	3/8" Elbow (less cap)	\$2.55
<b>NTL12</b>	1/2" Elbow (less cap)	\$2.84
<b>NTL34</b>	3/4" Elbow (less cap)	\$2.83
<b>NTT38</b>	3/8" Tee (less cap)	\$2.63
<b>NTT12</b>	1/2" Tee (less cap)	\$2.84
<b>NTT34</b>	3/4" Tee (less cap)	\$3.82
<b>8027</b>	Nozzle Body Cap	\$1.10

## DEMCO Clamps



<b>10862</b>	Demco stainless steel boom clamp for TeeJet® nozzle. Fits square tube. Requires worm gear style hose clamp. (2 required)	each \$3.95
<b>B24H</b>	Worm gear all stainless steel hose clamp	\$2.00

## Diamond Boom Clamp Assemblies



<b>09792</b>	Demco Stainless Steel boom clamp for TeeJet® nozzle. Fits 3" diamond tube. Requires worm gear style hose clamp. (2 required)	each \$6.12
<b>B64H</b>	Worm Gear all Stainless Steel hose clamp	\$2.90

## TEEJET® Vari-spacing Clamp Assemblies



<b>10902</b>	Vari-Spacing Stainless Steel clamps for use on all dry boom Quick TeeJet® bodies.	
<b>10903</b>	1" square boom clamp	\$6.96
<b>10904</b>	1 1/4" square boom clamp	\$7.24
	1 1/2" square boom clamp	\$7.24

## Square Boom Clamp Assemblies



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

<b>B11 1</b>	1" square boom clamp	\$3.52
<b>B11 114</b>	1 1/4" square boom clamp	\$3.52

## Round Boom Clamp Assemblies



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

<b>B11 34R</b>	3/4" round boom clamp	\$3.52
<b>B11 1R</b>	1" round boom clamp	\$3.52

# Spray Tips

## 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.

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	4 MPH	5 MPH	6 MPH									
TK1 1	\$7.60	10	.10	80	3.7	3.0	2.5	1.9	1.5	1.2	20	.05	3.5	2.8	2.4	2.0	1.8	1.4	1.2		
TK1 1	\$7.60	20	.14	109	5.3	4.2	3.5	2.6	2.1	1.8	25	.055	3.9	3.2	2.6	2.3	2.0	1.6	1.3		
TKSS1 4	\$9.76	30	.17	118	6.4	5.1	4.3	3.2	2.6	2.1	40	.06	4.3	3.5	2.9	2.5	2.2	1.7	1.4		
		40	.20	123	7.4	5.9	5.0	3.7	3.0	2.5	50	.07	5.6	4.5	3.7	3.2	2.8	2.0	1.7		
AN1.5 6	\$1.23	10	.15	85	5.6	4.5	3.7	2.8	2.2	1.9	60	.08	6.1	4.9	4.1	3.5	3.1	2.4	2.0		
TK1.5 1	\$7.60	20	.21	108	7.9	6.3	5.3	3.9	3.2	2.6	15	.06	4.6	3.6	3.0	2.6	2.3	1.8	1.5		
		30	.26	116	9.7	7.7	6.4	4.8	3.9	3.2	20	.07	5.3	4.2	3.5	3.0	2.6	2.1	1.8		
		40	.30	121	11.1	8.9	7.4	5.6	4.5	3.7	25	.08	5.9	4.7	3.9	3.4	2.9	2.4	2.0		
TK2 1	\$7.60	10	.20	95	7.4	5.9	5.0	3.7	3.0	2.5	30	.09	6.4	5.1	4.3	3.7	3.2	2.6	2.1		
TKVS2 2	\$13.18	20	.28	113	10.5	8.4	7.0	5.3	4.2	3.5	40	.10	7.4	5.9	5.0	4.2	3.7	3.0	2.5		
(Red)		30	.35	121	12.9	10.3	8.6	6.4	5.1	4.3	50	.11	8.3	6.6	5.5	4.7	4.2	3.3	2.8		
		40	.40	125	14.9	11.9	9.9	7.4	5.9	5.0	60	.12	9.1	7.3	6.1	5.2	4.6	3.6	3.0		
TK2.5 1	\$7.60	10	.25	110	9.3	7.4	6.2	4.6	3.7	3.1	15	.09	6.7	5.5	4.5	3.9	3.4	2.7	2.2		
TKVS2.5 2	\$13.18	20	.35	122	13.1	10.5	8.8	6.6	5.3	4.4	20	.11	7.9	6.3	5.3	4.5	3.9	3.2	2.6		
(Brown)		30	.43	126	16.1	12.9	10.7	8.0	6.4	5.4	25	.12	8.8	7.0	5.9	5.0	4.4	3.5	2.9		
		40	.50	129	18.6	14.9	12.4	9.3	7.4	6.2	30	.13	9.7	7.7	6.4	5.5	4.8	3.9	3.2		
TK3 1	\$7.60	10	.30	96	11.1	8.9	7.4	5.6	4.5	3.7	40	.15	11.1	8.9	7.4	6.4	5.6	4.5	3.7		
TKVS3 2	\$13.18	20	.42	112	15.8	12.6	10.5	7.9	6.3	5.3	60	.17	12.5	10.0	8.3	7.1	6.2	5.0	4.2		
(Gray)		30	.52	115	19.3	15.4	12.9	9.7	7.7	6.4	15	.12	8.9	7.3	6.1	5.2	4.5	3.6	3.0		
		40	.60	120	22	17.8	14.9	11.1	8.9	7.4	20	.14	10.5	8.4	7.0	6.0	5.3	4.2	3.5		
TK4 1	\$7.60	10	.40	107	14.9	11.9	9.9	7.4	5.9	5.0	25	.16	11.7	9.4	7.8	6.7	5.9	4.7	4.3		
TKVS4 2	\$13.18	20	.57	123	21	16.8	14.0	10.5	8.4	7.0	30	.17	12.9	10.3	8.6	7.4	6.4	5.1	4.3		
(White)		30	.69	125	26	21	17.2	12.9	10.3	8.6	40	.20	14.9	11.9	9.9	8.5	7.4	5.9	5.0		
		40	.80	129	30	24	19.6	14.9	11.9	9.9	50	.23	16.6	13.3	11.1	9.5	8.3	6.6	5.5		
TK5 1	\$7.60	10	.50	120	18.6	14.9	12.4	9.3	7.4	6.2	60	.25	18.2	14.6	12.1	10.4	9.1	7.3	6.1		
TKVS5 2	\$13.18	20	.71	128	26	21	17.5	13.1	10.5	8.8	15	.18	13.4	10.9	9.1	7.8	6.8	5.4	4.5		
(Lt. Blue)		30	.87	134	32	26	21	16.1	12.9	10.7	40	.30	22	17.8	14.9	12.7	11.1	9.9	7.4	6.4	
		40	1.0	137	37	30	25	18.6	14.9	12.4	60	.34	25	19.9	16.6	14.2	12.5	10.0	8.3	7.0	
TK7.5 1	\$7.60	10	.75	106	28	22	18.6	13.9	11.1	9.3	30	.26	19	15.4	12.9	11.0	9.7	7.7	6.4	5.6	
TKVS7.5 2	\$13.18	20	1.1	119	39	32	26	19.7	15.8	13.1	40	.30	22	17.8	14.9	12.7	11.1	9.9	7.4	6.4	
(Lt. Green)		30	1.3	125	48	39	32	24	19.3	16.1	14.1	60	.37	27	22	18.2	15.6	13.6	10.9	9.1	
		40	1.5	128	56	45	37	28	22	18.6	15	.24	17.8	14.5	12.1	10.4	9.1	7.2	6.0		
TK10 1	\$7.60	10	1.0	121	37	30	25	18.6	14.9	12.4	20	.28	21	16.8	14.0	12.0	10.5	8.4	7.0	6.0	
TKVS10 2	\$13.18	20	1.4	133	53	42	35	26	21	17.5	30	.32	23	18.8	15.7	13.4	11.7	9.4	7.8	6.8	
(Black)		30	1.7	136	64	51	43	32	26	21	40	.40	30	24	19.8	17.0	14.9	11.9	9.9	7.4	6.4
		40	2.0	141	74	59	50	37	30	25	60	.45	33	27	22	19.0	16.6	13.3	11.1	9.1	
TK15 1	\$7.60	10	1.5	106	56	45	37	28	22	18.6	30	.31	23	18.2	15.2	13.0	11.4	9.2	7.7	6.5	
TKSS15 4	\$13.86	20	2.1	113	79	63	53	39	32	26	40	.40	29	23	19.6	16.8	14.7	11.7	9.8	7.8	6.8
		30	2.6	117	96	77	64	48	39	32	60	.45	36	29	24	21	18.2	14.6	12.1	10.7	
		40	3.0	120	111	89	74	56	45	37	15	.37	28	22	18.2	15.6	13.6	11.0	9.2	7.8	
TK20 1	\$7.60	20	2.8	122	105	84	70	53	42	35	30	.47	35	28	23	20	17.6	14.1	11.7	10.7	
TKSS20 4	\$13.86	30	3.5	126	129	103	86	64	51	43	40	.50	37	30	25	21	18.6	14.9	12.4	10.7	
		40	4.0	128	149	119	99	74	59	50	60	.56	42	33	28	24	21	16.6	13.8	12.2	
		10	2.0	113	74	59	50	37	30	25	60	.61	45	36	30	26	23	18.2	15.2	13.2	
TK30 1	\$7.60	20	4.2	110	158	126	105	79	63	53	15	.37	28	22	18.2	15.6	13.6	11.0	9.2	7.8	
TKSS30 4	\$13.86	30	5.2	113	193	154	129	96	77	64	30	.52	39	31	26	22	19.3	15.4	12.9	10.7	
		40	6.0	116	223	178	149	111	89	74	60	.67	50	40	33	28	25	19.9	16.6	14.2	

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
Conversion Factor	1.43	1.33	1.25	1.18	1.11	1.05	.95	.91	.83	Conversion Factor	1.43	1.33	1.25	1.18	1.11	1.05	.95	.91	.83



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	\$0.81	Stainless Steel

## 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.



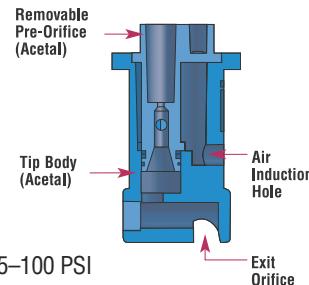
### 80 & 110 degree FLAT SPRAY TIPS (Based on 20" spacing)

Tip No.	Liquid Pressure in PSI	Capacity 1 Nozzle In GPM	Gallons Per Acre							
			4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	
800067 1	\$4.63	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	
8001 1	\$4.63	30	.06	4.3	3.5	2.9	2.5	2.2	1.7	1.4
XR8001VS 2	\$7.73	40	.067	5.0	4.0	3.3	2.8	2.5	2.0	1.7
(Orange)		50	.07	5.6	4.5	3.7	3.2	2.8	2.2	1.9
80015 1	\$4.63	15	.06							

# 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
<b>TTI11002VP</b> (100 Mesh) \$12.82	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
<b>TTI110025VP</b> (50 Mesh) \$12.82	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	9.44	7.5
	100	0.40	24	19.8	14.9	11.9	9.9	7.9
<b>TTI11003VP</b> (50 Mesh) \$12.82	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
<b>TTI11004VP</b> (50 Mesh) \$12.82	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
<b>TTI11005VP</b> (50 Mesh) \$12.82	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
<b>TTI11006VP</b> (50 Mesh) \$12.82	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
<b>TTI11008VP</b> (50 Mesh) \$14.99	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	5 mph	6 mph	8 mph	10 mph	12 mph
<b>15408</b> \$16.36	10	0.20	9.9	6.6	5.0	4.0	3.3	2.8
	20	0.28	13.9	9.2	5.5	4.6	4.0	3.6
	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
<b>15409</b> \$16.36	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	10.3	8.6	7.4	7.4
	40	0.60	30	19.8	14.9	11.9	9.9	8.5
<b>15410</b> \$16.36	10	0.40	19.8	13.2	9.9	7.4	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
<b>15411</b> \$16.36	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
<b>15412</b> \$16.36	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
<b>15413</b> \$16.36	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

	LIQUID PRESSURE PSI	CAPACITY (1) NOZZLE IN GPM	Gallons per acre (30" nozzle spacing)					
			4 mph	5 mph	6 mph	8 mph	10 mph	
<b>15793</b> \$31.47	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	

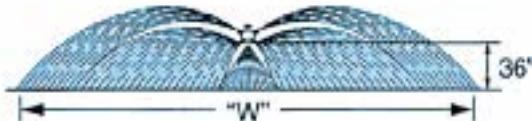
Variable Rate Metering Orifice



# Spray Tips

## BoomJet® Boomless Nozzles with Extra wide Flat Spray Projection

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 \$288.39	#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 \$288.39	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 \$322.62	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
5880 3/4 2TOC40 \$322.62	OC40	H1/4U-0540HE	H1/4U-9510	20	12.0	56.0	27.0	21.0	14.1	10.6	7.1
				30	14.7	60.0	30.0	24.0	16.2	12.1	8.1
				40	17.0	63.0	33.0	27.0	17.8	13.4	8.9

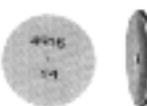
## TeeJet®

### METERING ORIFICES

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

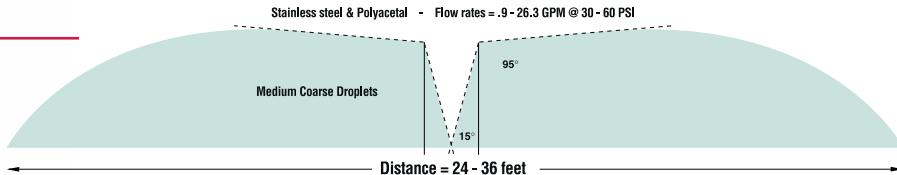
MATERIAL: Stainless Steel

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 \$3.66	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 \$3.66	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 \$3.66	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 \$3.66	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 \$3.66	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 \$3.66	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
4916 95 \$3.66	10	.572	37.6	27.7	22.4	18.5	13.9
	20	.808	52.8	39.6	31.7	26.4	19.8
	30	.990	64.7	48.8	38.9	32.3	24.4
	40	1.144	75.2	55.4	44.9	37.0	27.7
4916 107 \$3.66	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

## Hypro® Boom X Tender



<b>FC-XT010</b>	(Yellow/Green)	\$57.21
<b>FC-XT015</b>	(Light Green)	\$57.21
<b>FC-XT020</b>	(Blue)	\$57.21

\*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.

Tip #	psi	gpm	Application Rate GPA		
			4 mph	5 mph	6 mph
<b>XT010</b>	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
	60	1.2	9.3	7.4	6.2
	30	1.3	10.9	8.7	7.3
	40	1.5	12.5	10.0	8.3
<b>XT015</b>	50	1.7	13.7	11.0	9.2
	60	1.8	15.0	12.0	10.0
	30	1.7	12.4	9.9	8.3
	40	2.0	14.6	11.6	9.7
<b>XT020</b>	50	2.2	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	\$1.41	Polypropylene
8079NY100	\$1.41	Stainless Steel - 50 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	\$5.18	Polypropylene
4193APP100	\$5.38	Stainless Steel Stainless Steel

## Technical Information

### Useful Formulas

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

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

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.

# Dethmers Manufacturing Company

## Demco Products Agricultural Equipment

### Original Purchaser's Limited Warranty

#### **1. Extent and Duration of this Warranty:**

Subject to paragraphs 2 through 8 of this warranty, your Demco Agricultural Equipment is warranted to be free from defects in materials and workmanship under normal use and service for a period of 1 year after date of purchase by the original (first) retail owner, or until it is resold or transferred by you, the original owner. Tires and lights are not included in this warranty.

Tires are warranted by the manufacturer against defects in materials and workmanship but not against road hazards.

#### **2. Manufacturer and Warrantor of Equipment**

(Excluding tires and lights):

Dethmers Manufacturing Co.  
4010 320th St.  
Boyden, IA 51234  
(712) 725-2311

The manufacturer and warrantor of the tires has molded its name permanently into the tires. Tire warranty questions and claims can be taken directly to an authorized dealer of the tire manufacturer.

#### **3. Repair or Replacement Procedure:**

If your Demco Agricultural Equipment develops a defect (except for tires or lights) during the warranty period, promptly notify Dethmers Manufacturing Co. customer service department. Until such notice is received, Warrantor will not be responsible for any repair or replacement.

Upon receipt of notice from you, Warrantor will in its sole discretion choose one of the following options to satisfy the warranty:

- a) Warrantor may elect to ship a new part to its dealer to be exchanged free of charge for the defective part returned by you to the dealer. Any defective part will be repaired or replaced and returned to you free of charge. Any part returned to Warrantor and found not to be defective will be returned to you freight collect with an explanation; or
- b) Warrantor may elect to ship a new part to its dealer to be exchanged free of charge for the defective part returned by you to the dealer; or
- c) Warrantor may elect to ship or deliver a replacement part to your address.

#### **4. Limitations on Warranty Coverage:**

Coverage under this warranty will be effective only when a copy of the original invoice, showing the date and location of purchase, accompanies any claim for warranty.

Warrantor has no liability whatsoever and this warranty is null and void if any Demco Agricultural Equipment has been subjected to neglect, negligence, misuse, accident or operated in any way contrary to the operating and maintenance instructions as specified in the Demco Owner's Manual for that model. This warranty does not cover any Agricultural Equipment that has been altered or modified so as to affect adversely the Agricultural Equipment's operation, performance or durability, or that has been altered or modified to change the intended use of the Agricultural Equipment.

In addition, the warranty does not extend to repairs made necessary by normal use or by the use of parts, accessories or

other equipment which in the sole judgment of Warrantor, are either incompatible with the Demco Agricultural Equipment, or adversely affect its operation, performance or durability. This warranty does not cover:

- 1) Normal wear and tear
- 2) Road film or gravel damage to paint
- 3) Paint
- 4) Rust damage
- 5) Any Demco Agricultural Equipment that has been loaded in excess of the load capacity stated on the Agricultural Equipment identification label.

Warrantor has a policy of continuous product improvement. We reserve the right to change or improve the design of any Demco Agricultural Equipment model without assuming any obligation to modify any Agricultural Equipment previously manufactured.

#### **5. Exclusion of Implied Warranties:**

The only warranty provided for this product is the limited warranty contained in paragraph 1 above. All implied warranties are expressly excluded, including, but not limited to, implied warranties of merchantability, implied warranties of fitness for a particular purpose, and any implied warranties arising from course of dealing or usage of trade. There are no warranties that extend beyond the description on the face of this warranty.

Some states do not allow limitations on implied warranties and this limitation may not apply to you.

#### **6. Limitation on Consequential Damages:**

Warrantor's responsibility under this warranty extends only to repair or replacement of your Demco Agricultural Equipment and its component parts. Warrantor does not assume responsibility for, nor shall be liable for, any special, incidental or consequential damages.

Warrantor assumes no responsibility to the owner for loss of use of the Agricultural Equipment, loss of time, inconvenience or other damage consequential or otherwise, including, but not limited to, loss of income or revenue, additional operating expenses, expense for gasoline, expense of transporting the Agricultural Equipment to the dealer and expense of returning the Agricultural Equipment, travel time, telephone or telegram charges, road service/towing charges, rental of another Agricultural Equipment during the time warranty repairs are being performed, travel, lodging, loss or damage to personal property.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

#### **7. Purchaser's Rights:**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

#### **8. Exclusive Warranty:**

This is the only express warranty made by Dethmers Manufacturing Co. on your Demco Agricultural Equipment and no person other than a corporate officer of Demco is allowed to change or add to this warranty.

# 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, IOWA OR AS DESIGNATED IN THIS CATALOG.

## TERMS

Concerns 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

All accounts must contact their area distributor. If your business is not located in a distributor area please call us direct. Please furnish credit and bank references 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 Dethmers Manufacturing Company 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, Iowa plant 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 TO THE DISTRIBUTOR OR DEMCO 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.

© 2018 Dethmers Mfg Co.

*Demco has attempted to show each and every product in this catalog in an accurate manner, yet, because we are continually "Doing Our Best to Provide You the Best," product and/or production enhancements may sometimes change the appearance of an item before new photos can be taken.*

*Demco is not responsible for typographical errors.*

Banjo is a registered trademark of Banjo Corporation. Roundup is a registered trademark of Monsanto. TeeJet, FloodJet, AI TeeJet, StreamJet and BoomJet are registered trademarks of Spraying Systems Co. Viton and Rynite are registered trademarks of E. I. du Pont de Nemours and Company or its affiliates. du Pont is a trademark of E. I. du Pont de Nemours and Company or its affiliates. Raven is a registered trademark of Raven Industries Inc. Hypro is a registered trademark of Hypro, LLC. Cleanload is a trademark of Hypro, LLC. PowerPro is a trademark of Hypro, LLC. AGCO, Massey Ferguson and Challenger are registered trademarks of AGCO Corporation. Cat is a registered trademark of Caterpillar Inc. John Deere is a registered trademark of Deere & Company. IVT is a trademark of Deere & Company. ILS is a trademark of Deere & Company. Case IH, New Holland and Maxxum are registered trademarks of CNH America LLC. Magnum & SuperSteer are a trademark of CNH America LLC. SAFi is a registered trademark of SAFi SAS. UltraFlyteTM is a trademark of Cadorath Uniflyte. Honda is a registered trademark of Honda Motor Co., Ltd.

*Back in 1950, Robert Dethmers started Dethmers Manufacturing Company in a corner of an implement dealership. One of his first products was fertilizer application equipment for the agricultural industry.*

*Since the beginning, Demco has pursued a dream to fill needs, provide solutions, and compete in an existing marketplace. Demco's has product lines in agriculture, towing, 5th wheel hitches, trailer components, and king pin trailers. Demco has earned its place with the right combination of skill and technology needed to produce the best products available without compromise.*

*Today, as Demco continues to grow, our tradition of building quality products, employing talented, industrious people and providing attentive service remains. Our sales staff, along with our dealers and distributors across the United States, Canada and the world, carry on the standard.*

*We enjoy long-term relationships with our clients and look forward to this continuum with our new clients.*



**[www.demco-products.com](http://www.demco-products.com) • 800-543-3626**