

# SINGLE AXLE FIELD SPRAYERS

## 300 GALLON



### FEATURES

- Elliptical tank with two dual jet agitators and sump
- Large convenient step and work platform with safety rail
- A clean water tank is conveniently mounted on each 300 gallon frame
- Three section manual or electric boom controls

### THREE BOOMS AVAILABLE:

- 21', 30', or 40'

### SPECIFICATIONS

**GROUND CLEARANCE:** 27"

**WHEEL SPACINGS:** 60" to 80"

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

#### TANK

300 Gallon Tank	<b>PE300RA</b>	120 lbs.	\$1,179.00
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#### TRAILER FRAME

300 Gallon Single Axle Trailer with T11LTires (60" - 80" wheel spacing)	<b>HCMETR</b>	780 lbs.	\$3,092.00
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#### PUMPS

*NOTE: For Pump Specifications, see Component Section*

Hypro® 5 Roller Pump	<b>C1700D</b>	19 lbs.	\$521.00
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Hypro® "Silver Cast" 5 Roller Pump	<b>XL1700D</b>	19 lbs.	\$1,342.00
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Hypro® Belt Drive Pump with Constant Velocity PTO Shaft (C9402 540S)	<b>9425071</b>	66 lbs.	\$1,790.00
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Hypro® Hydraulic Pump (C9303HM1) (hose kit included)	<b>9425056</b>	36 lbs.	\$1,220.00
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#### PLUMBING / PUMP MOUNT

Roller Pump Kit (controls included)	<b>9425002</b>	44 lbs.	\$659.00
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Hypro® Belt Drive Kit	<b>9425003</b>	55 lbs.	\$656.00
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Hypro® Hydraulic Kit	<b>9425004</b>	49 lbs.	\$638.00
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#### CONTROLS

Manual Control Valves for Centrifugal Pumps	<b>CP3B3HV</b>	22 lbs.	\$760.00
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Electric Solenoid Control Valves for Centrifugal Pumps	<b>CP414HVR</b>	26 lbs.	\$1,406.00
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#### BOOM WITH PLUMBING

*NOTE: Order Spray Tips separately see Component Section*

21' Truss-T boom	<b>DB21TDF</b>	85 lbs.	\$1,037.00
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30' Truss-T boom	<b>DB30TDF</b>	115 lbs.	\$1,296.00
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40' Truss-T boom	<b>DB40TDF</b>	170 lbs.	\$1,735.00
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Boomless Jet Nozzle (Nozzle not included)	<b>9464007</b>	10 lbs.	\$94.00
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#### ACCESSORIES

Factory setup	<b>SU341</b>		Net \$646.00
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Quick Refill (utilizes nurse tank transfer pump for refilling)	<b>CPTK1</b>	15 lbs.	\$210.00
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Fence Line Spray Kit, Electric	<b>9428002</b>	5 lbs.	\$186.00
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Fence Line Spray Kit, Manual	<b>9428003</b>	5 lbs.	\$89.00
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Handgun (includes 25' of 1/2" hose)	<b>DBHG</b>	13 lbs.	\$263.00
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*NOTE: Sprayer is less spray tips  
Factory setup is available  
Boom may be removed for shipping*

# FIELD SPRAYERS DELUXE SINGLE AXLE

## 300 GALLON

### FEATURES

- Elliptical tank with two dual jet agitators and sump
- Large convenient step and work platform with safety rail
- A clean water tank is conveniently mounted on each 300 gallon frame
- Demco's DBFT flotation boom mechanism is required on 300 gallon "Deluxe" sprayers

### TWO BOOMS AVAILABLE:

- 30' or 45'

### SPECIFICATIONS

**GROUND CLEARANCE:** 27"

**WHEEL SPACINGS:** 60" to 80"



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

#### TANK

300 Gallon Tank	PE300RA	120 lbs.	\$1,179.00
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#### TRAILER FRAME

300 Gallon Single Axle Trailer with T11LTires (60" - 80" wheel spacing)	9411015	1080 lbs.	\$3,650.00
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#### PUMPS

*NOTE: For Pump Specifications, see Component Section*

Hypro® 5 Roller Pump	C1700D	19 lbs.	\$521.00
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Hypro® "Silver Cast" 5 Roller Pump	XL1700D	19 lbs.	\$1,342.00
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Hypro® Gear Drive Pump with Constant Velocity PTO Shaft (C9016 540)	9425015	69 lbs.	\$1,653.00
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Hypro® Belt Drive Pump with Constant Velocity PTO Shaft (C9403 540S)	9425026	75 lbs.	\$1,844.00
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Hypro® Hydraulic Pump (C9303HM1) (hoses included)	9425056	36 lbs.	\$1,220.00
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#### PLUMBING / PUMP MOUNT

Roller Pump Kit (Manual Controls included)	9425002	44 lbs.	\$659.00
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Hypro® Gear Drive Centrifugal Kit	9425043	60 lbs.	\$645.00
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Hypro® Belt Drive Centrifugal Kit	9425003	55 lbs.	\$656.00
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Hypro® Hydraulic Centrifugal Kit	9425004	49 lbs.	\$638.00
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#### CONTROLS

Manual Control Valves for Centrifugal Pumps	CP3B3HV	22 lbs.	\$760.00
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Electric Solenoid Control Valves for Centrifugal Pumps	CP414HVR	26 lbs.	\$1,406.00
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#### BOOM WITH PLUMBING

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

Flotation Boom Mechanism (required on this model)	DBFT	112 lbs.	\$935.00
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30' Truss Boom with Drip Free Plumbing	DB30DF	272 lbs.	\$2,242.00
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45' Truss Boom with Drip Free Plumbing	DB45DF	305 lbs.	\$2,893.00
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#### ACCESSORIES

Factory setup	SU341		Net \$646.00
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Wheel Assisted Boom Tip Protectors	DBTP	27 lbs.	\$234.00
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Auto Boom Leveler	DBSAL	50 lbs.	\$652.00
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Quick Refill (utilizes nurse tank transfer pump for refilling)	CPTK1	15 lbs.	\$210.00
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Hydraulic Height Adjuster (24" travel)	9428009	190 lbs.	\$1,272.00
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Hydraulic Boom Wing Leveling	DBHY	26 lbs.	\$677.00
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Fence Line Spray Kit, Electric	9428002	5 lbs.	\$186.00
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Fence Line Spray Kit, Manual	9428003	5 lbs.	\$89.00
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Handgun (includes 25' of 1/2" hose)	DBHG	13 lbs.	\$263.00
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*NOTE: Sprayer is less spray tips. Factory setup is available. Boom may be removed for shipping*

# BIG WHEEL FIELD SPRAYERS

## 500 GALLON



### FEATURES

- Elliptical tank with two dual jet agitators, sump, baffle and 16" fliptop manway
- 11.2 x 38 bias 6 ply tires provide a large narrow footprint with less field compaction
- The hydraulic X-fold boom features independent wing leveling and folding and height adjustment
- All booms have stainless steel boom and hose clamps

### SPECIFICATIONS

**GROUND CLEARANCE:** 29"

**WHEEL SPACINGS:** 62" to 120"

**TRANSPORT WIDTH:** 11'9"

**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.	\$10,944.00
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#### PUMPS

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

Hypro® 5 Roller Pump	C1700D	19 lbs.	\$521.00
Hypro® Gear Drive Pump with Constant Velocity PTO Shaft (C9016 540)	9425015	69 lbs.	\$1,653.00
Hypro® Belt Drive Pump with Constant Velocity PTO shaft (C9403 540S)	9425026	75 lbs.	\$1,844.00
Hypro® Hydraulic Pump (C9303HM1)(hoses included)	9425056	36 lbs.	\$1,220.00
Ace Belt Drive Pump with Constant Velocity PTO shaft (PTOC600 10B150)	9425055	75 lbs.	\$1,810.00
Ace Hydraulic Pump (FMC150HYD206)(hoses included)	9425057	44 lbs.	\$1,196.00

#### PLUMBING / PUMP MOUNT

Roller Pump Kit (Manual Controls included)	9425002	44 lbs.	\$659.00
Hypro® Gear Drive Centrifugal Kit	9425020	60 lbs.	\$996.00
Hypro®/Ace Belt Drive Centrifugal Kit	9425010	55 lbs.	\$934.00
Hypro®/Ace Hydraulic Centrifugal Kit	9425011	49 lbs.	\$874.00

#### CONTROLS

Manual Controls for Centrifugal Pumps	9428139	10 lbs.	\$538.00
Solenoid Valves for Centrifugal Pumps	9428062	30 lbs.	\$1,195.00
Motorized Ball Valves for Centrifugal Pumps	9428090	35 lbs.	\$2,113.00
Raven® 450 Sprayer Control w/Motorized Ball Valves for Centrifugal Pumps	9428043	45 lbs.	\$5,537.00

#### Hydraulic X-Fold Boom without Plumbing

45' Hydraulic X-Fold Boom with weight transfer kit	9488125	1550 lbs.	\$10,839.00
60' Hydraulic X-Fold Boom with weight transfer kit	9488127	1620 lbs.	\$11,993.00

#### X-FOLD BOOM ACCESSORIES

TeeJet® Drip Free (27 Nozzles) for 45' Hydraulic X-Fold Boom	9428024	20 lbs.	\$958.00
TeeJet® Drip Free (37 Nozzles) for 60' Hydraulic X-Fold Boom	9428026	25 lbs.	\$1,151.00
TeeJet® Triple Drip Free (27 Nozzles) for 45' Hydraulic X-Fold Boom	9428046	23 lbs.	\$1,656.00
TeeJet® Triple Drip Free (37 Nozzles) for 60' Hydraulic X-Fold Boom	9428008	28 lbs.	\$1,656.00
Wheel Assisted Boom Tip Protectors	9488012	27 lbs.	\$234.00
Light Kit	9428084	10 lbs.	\$331.00

#### ACCESSORIES

Quick Refill (utilizes nurse tank transfer pump for refilling)	CPTK1	5 lbs.	\$210.00
55 Gallon Water Tank and Mountings for Flushing the Sprayer Tank	DFS55HP	95 lbs.	\$956.00
33 Gallon Foam Marker	9428156	107 lbs.	\$2,009.00
Chemical Eductor Vacuum Flow	9428165	125 lbs.	\$1,465.00
Fence Line Spray Kit, Electric	9428002	5 lbs.	\$186.00
Fence Line Spray Kit, Manual	9428003	5 lbs.	\$89.00
Feeder Line Filter Kit (60 mesh)	9428068	3 lbs.	\$143.00
Handgun (includes 25' of 1/2" hose)	DBHG	13 lbs.	\$263.00

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

## 500 GALLON

### FEATURES

- Elliptical tank with two dual jet agitators, sump, baffle and 16" fliptop manway
- 10 gauge formed steel trailer
- 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
- All booms have stainless steel boom and hose clamps



### SPECIFICATIONS

**GROUND CLEARANCE:** 29"     **TRANSPORT WIDTH 45' Boom:** 11'  
**WHEEL SPACINGS:** 80" to 120"     **TRANSPORT WIDTH 60' Boom:** 13' 10"

**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)	<b>9411028-10</b>	2013 lbs.	\$9,779.00
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#### PUMPS

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

Hypro® 5 Roller Pump	<b>C1700D</b>	19 lbs.	\$521.00
Hypro® Gear Drive Pump with Constant Velocity PTO Shaft (C9016 540)	<b>9425015</b>	69 lbs.	\$1,653.00
Hypro® Belt Drive Pump with Constant Velocity PTO shaft (C9403 540S)	<b>9425026</b>	75 lbs.	\$1,844.00
Hypro® Hydraulic Pump (C9303HM1)(hoses included)	<b>9425056</b>	36 lbs.	\$1,220.00
Ace Belt Drive Pump with Constant Velocity PTO shaft (PTOC600 10B150)	<b>9425055</b>	75 lbs.	\$1,810.00
Ace Hydraulic Pump (FMC150HYD206) (hoses included)	<b>9425057</b>	44 lbs.	\$1,196.00

#### PLUMBING / PUMP MOUNT

Roller Pump Kit (Manual Controls included)	<b>9425002</b>	44 lbs.	\$659.00
Hypro® Gear Drive Centrifugal Kit	<b>9425020</b>	60 lbs.	\$996.00
Hypro®/Ace Belt Drive Centrifugal Kit	<b>9425010</b>	55 lbs.	\$934.00
Hypro®/Ace Hydraulic Centrifugal Kit	<b>9425011</b>	49 lbs.	\$874.00

#### CONTROLS

Manual Controls for Centrifugal Pumps	<b>9428139</b>	10 lbs.	\$538.00
Solenoid Valves for Centrifugal Pumps	<b>9428062</b>	30 lbs.	\$1,195.00
Motorized Ball Valves for Centrifugal Pumps	<b>9428090</b>	35 lbs.	\$2,113.00
Raven® 450 Sprayer Control w/Motorized Ball Valves for Centrifugal Pumps	<b>9428043</b>	45 lbs.	\$5,537.00

#### Hydraulic X-Fold Boom without Plumbing

45' Hydraulic X-Fold Boom with weight transfer kit	<b>9488125</b>	1550 lbs.	\$10,839.00
60' Hydraulic X-Fold Boom with weight transfer kit	<b>9488127</b>	1620 lbs.	\$11,993.00

#### X-FOLD BOOM ACCESSORIES

TeeJet® Drip Free (27 Nozzles) for 45' Hydraulic X-Fold Boom	<b>9428024</b>	20 lbs.	\$958.00
TeeJet® Drip Free (37 Nozzles) for 60' Hydraulic X-Fold Boom	<b>9428026</b>	25 lbs.	\$1,151.00
TeeJet® Triple Drip Free (27 Nozzles) for 45' Hydraulic X-Fold Boom	<b>9428046</b>	23 lbs.	\$1,656.00
TeeJet® Triple Drip Free (37 Nozzles) for 60' Hydraulic X-Fold Boom	<b>9428008</b>	28 lbs.	\$1,656.00
Wheel Assisted Boom Tip Protectors	<b>9488012</b>	27 lbs.	\$234.00
Light Kit	<b>9428084</b>	10 lbs.	\$331.00

#### ACCESSORIES

Quick Refill (utilizes nurse tank transfer pump for refilling)	<b>CPTK1</b>	15 lbs.	\$210.00
55 Gallon Water Tank and Mountings for Flushing the Sprayer Tank	<b>DFS55HP</b>	95 lbs.	\$956.00
33 Gallon Foam Marker	<b>9428156</b>	107 lbs.	\$2,009.00
Chemical Eductor Vacuum Flow	<b>9428165</b>	125 lbs.	\$1,465.00
Fence Line Spray Kit, Electric	<b>9428002</b>	5 lbs.	\$186.00
Fence Line Spray Kit, Manual	<b>9428003</b>	5 lbs.	\$89.00
Feeder Line Filter Kit (60 mesh)	<b>9428068</b>	3 lbs.	\$143.00
Handgun (includes 25' of 1/2" hose)	<b>DBHG</b>	13 lbs.	\$263.00

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



# 50 SERIES 45', 60', OR 66' BOOM FIELD SPRAYERS

**850 GALLON**  
**1050 GALLON**



## Hydraulic front fold booms

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



*Pendant boom control with live hydraulic front fold models*



*Electric motorized ball valves*



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

## FEATURES

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

## SPECIFICATIONS

**GROUND CLEARANCE:** 30"

**APPROX WEIGHT:** 6100 lbs.

**TRANSPORT WIDTH:** 9'6"

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

**TRAILER ASSEMBLY WITH TANK**

**Includes 38" wheels & tires**

850 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Red)	<b>9411134-10</b>		\$21,962.00
850 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Black)	<b>9411134-76</b>		\$21,962.00
850 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	<b>9411135-10</b>		\$22,753.00
850 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	<b>9411135-76</b>		\$22,753.00
1050 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Red)	<b>9411139-10</b>		\$23,643.00
1050 Gallon Big Wheel Tank & Trailer Assembly (62"- 120" wheel spacing) (Black)	<b>9411139-76</b>		\$23,643.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	<b>9411140-10</b>		\$25,326.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	<b>9411140-76</b>		\$25,326.00

**PUMPS**

Hypro® Hydraulic Pump with Life Guard™ Seal & Flanged Ports (hoses included) (C9314HM1)	<b>9425073</b>	40 lbs.	\$1,641.00
Ace Hydraulic Pump with Silicone Carbide Seal & Flanged ports (FMC150HYD304) (hoses included)	<b>9425074</b>	38 lbs.	\$1,567.00

**PLUMBING**

Motorized Ball Valves (console included)	<b>9425075</b>	35 lbs.	\$2,545.00
Raven® Flow Meter, Regulator, & Trailer Wire Harness w/3 Motorized Valves & Plumbing (7 valves maximum)	<b>9425078</b>		\$3,130.00

**CONTROLS**

Raven® 450 Automatic Rate Control, Cable and Speed Sensor	<b>9425086</b>		\$2,754.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT	<b>9425096</b>		\$5,187.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT	<b>9425095</b>		\$3,491.00

*Note: Unlock required from OEM*

**BOOM WITHOUT PLUMBING**

**Hydraulic Front Fold Boom**

45' Hydraulic Front Fold Boom	<b>9488132</b>		\$14,343.00
60' Hydraulic Front Fold Boom	<b>9488134</b>		\$14,998.00
66' Hydraulic Front Fold Boom	<b>9488135</b>		\$15,393.00

**Front Fold Boom Accessories**

TeeJet® Drip Free (27 Nozzles) for 45' Boom	<b>9428118</b>	20 lbs.	\$958.00
TeeJet® Triple Drip Free (27 Nozzles) for 45' Boom	<b>9428121</b>	23 lbs.	\$1,285.00
TeeJet® Drip Free (37 Nozzles) for 60' Boom	<b>9428108</b>	25 lbs.	\$1,151.00
TeeJet® Triple Drip Free (37 Nozzles) for 60' Boom	<b>9428109</b>	28 lbs.	\$1,675.00
TeeJet® Drip Free (40 Nozzles) for 66' Boom	<b>9428120</b>	25 lbs.	\$1,200.00
TeeJet® Triple Drip Free (40 Nozzles) for 66' Boom	<b>9428123</b>	30 lbs.	\$1,757.00
Wheel Assisted Boom Tip Protectors	<b>9488013</b>	27 lbs.	\$191.00

**ACCESSORIES**

Astro II GPS Speed Sensor 1Hz (for use with Raven® 450)	<b>14071</b>	1 lbs.	\$501.00
2" Flow Meter with digital display for tank fill	<b>9428163</b>	5 lbs.	\$1,319.00
33 Gallon Foam Marker Charcoal Tank	<b>9428167</b>	107 lbs.	\$2,009.00
33 Gallon Foam Marker Yellow Tank	<b>9428156</b>	107 lbs.	\$2,009.00
Chemical Eductor Vacuum Flow	<b>9428164</b>	125 lbs.	\$1,822.00
Fence Line Spray Kit, Electric	<b>9428002</b>	5 lbs.	\$186.00
Fence Line Spray Kit, Manual	<b>9428003</b>	5 lbs.	\$89.00

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

# 50 SERIES 80'/90' BOOM FIELD SPRAYERS

**1050 GALLON**  
**1250 GALLON**



## Hydraulic front fold booms

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



Raven® 450 sprayer control system



Astro II GPS Speed Sensor for use with Raven® 450



Pendant boom control with live hydraulic front fold models



2" Flow Meter with digital display



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

## FEATURES

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

## SPECIFICATIONS

**GROUND CLEARANCE:** 30"

**APPROX WEIGHT:** 1050 - 6700 lbs.  
1250 - 7600 lbs.

**TRANSPORT WIDTH:** 12'



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

**TRAILER ASSEMBLY WITH TANK**

**Includes 46" wheels & tires**

1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	<b>9411141-10</b>		\$29,122.00
1050 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	<b>9411141-76</b>		\$29,122.00
1250 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Red)	<b>9411138-10</b>		\$30,330.00
1250 Gallon Big Wheel Tank & Trailer Assembly (90"- 144" wheel spacing) (Black)	<b>9411138-76</b>		\$30,330.00

**PUMPS**

Hypro® Hydraulic Pump w/ Life Guard™ Seal & Flanged Ports (hoses included)(C9314HM1)	<b>9425073</b>	40 lbs.	\$1,641.00
Ace Hydraulic Pump with Silicone Carbide Seal & Flanged ports (FMC150HYD304) (hoses included)	<b>9425074</b>	38 lbs.	\$1,567.00

**PLUMBING**

Raven® Flow Meter, Regulator, & Trailer Wire Harness w/5 Motorized Valves & Plumbing (7 valves maximum)	<b>9425081</b>		\$3,877.00
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**CONTROLS**

Raven® 450 Automatic Rate Control, Cable and Speed Sensor	<b>9425087</b>		\$3,084.00
Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping	<b>9425096</b>		\$5,187.00
Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping	<b>9425095</b>		\$3,491.00

*\* This feature may require an additional unlock from the Original Manufacture of the ISO Tractor Display*

**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>		\$24,265.00
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*Note: For 80' spray pattern, outer 5' sections can be removed.*

**Front Fold Boom Accessories**

TeeJet® Drip Free (55 Nozzles) for 60', 80/90' Boom	<b>9428159</b>		\$1,496.00
TeeJet® Triple Drip Free (55 Nozzles) for 60', 80/90' Boom	<b>9428160</b>		\$2,293.00
Hydraulic Glide Suspension System (factory installed only) (Tractor must be equipped with closed center hydraulic system.)	<b>9428152</b>	20 lbs.	\$3,910.00

**ACCESSORIES**

Astro II GPS Speed Sensor 1Hz (for use with Raven® 450)	<b>14071</b>	1 lbs.	\$501.00
2" Flow Meter with digital display for tank fill	<b>9428163</b>	5 lbs.	\$1,319.00
33 Gallon Foam Marker Charcoal Tank	<b>9428168</b>	107 lbs.	\$2,110.00
33 Gallon Foam Marker Yellow Tank	<b>9428157</b>	107 lbs.	\$2,110.00
Chemical Eductor Vacuum Flow	<b>9428164</b>	125 lbs.	\$1,822.00
Fence Line Spray Kit, Electric	<b>9428002</b>	5 lbs.	\$186.00

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

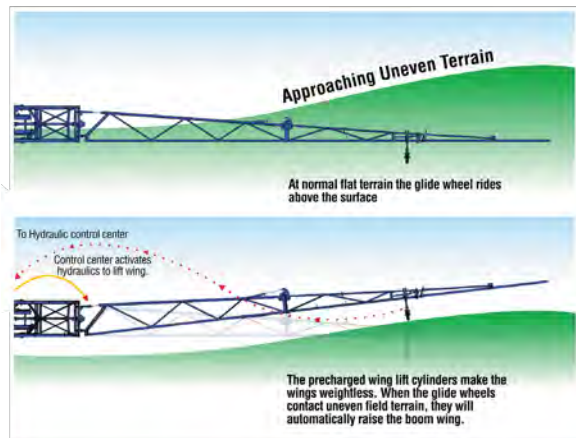
**HYDRAULICS NOTES:** Tractor must be equipped with closed center hydraulic system.

**How the Hydraulic Glide Suspension Works**

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



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





# SIDEQUEST® FIELD SPRAYERS

## 1200 GALLON



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



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.



Easy access controls



Easy attach tank mounts

**NOTE:** Not applicable on tractors with LSW tires

Tractors with after market dual hubs may require different mounting bolts

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

Front fenders need to be removed on most models

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

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

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

## FEATURES

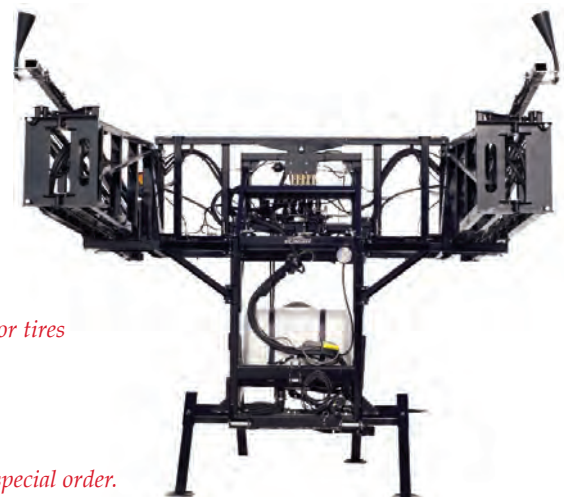
- Two 600 gallon tanks with 16" fillwells, molded sight gauge, large centered drainage sump and high volume jet agitator
- Tanks are mounted longitudinal for superb visibility
- Tank mounting brackets deliver excellent front to rear weight distribution ratio (25% front; 75% rear) and optimal row crop spraying clearance
- 3 point 80/90' hydraulic front fold boom with leveling linkage and shock absorbers to soften the ride. Live hydraulic control block requires only one set of remote outlets to perform all boom functions
- Boom can be folded to spray in a 60' or an unfolded 80/90' width.
- Unique hydraulic glide suspension system makes the boom wings weightless (see page 15 for details)
- Quick & easy - 3-point (category II or III) rear mount hookup with quick couple plumbing and jack stands for easy installation and removal
- Easy access control panel - makes easy work of preparation, refilling and clean-up
- 100 gallon rinse tank - thoroughly flushes entire system

## SPECIFICATIONS

**GROUND CLEARANCE:** 30"

**APPROX WEIGHT:** 3870 lbs.

**TRANSPORT WIDTH:** 16' 11"



**TANKS & BRACKETS WITH 10 BOLT HUB ASSEMBLY** (Order White Tanks for optimum fluid level visibility)

1200 Gallon, White Tanks, 30" row spacing	9422238	3550 lbs.	\$18,586.00
1200 Gallon, Charcoal Tanks, 30" row spacing	9422234	3550 lbs.	\$18,586.00
1200 Gallon, Yellow Tanks, 30" row spacing	9422233	3550 lbs.	\$18,586.00

**TRACTOR MOUNTING BRACKETS (BRACKETS ARE REQUIRED)**

Case IH® Magnum™ Tier 4 Emissions System 180, 190, 210, & 225 (Will not fit 4.75 front susp.)	9422197	340 lbs.	\$2,513.00
Tractors with optional water/fuel separator - relocation kit	6032	5 lbs.	\$59.00
Case IH® MX Magnum™ 180, 200, 210, 220, 230, 240, 255, 270, & 285	9422197	340 lbs.	\$2,513.00
Case IH® MX 215, 245, 275 & 305	9422197	340 lbs.	\$2,513.00
Case IH® Magnum™ Tier 3 Emissions System 245, 275, 305 & **335	9422197	340 lbs.	\$2,513.00

*\*\*Not applicable for 335 with front axle suspension*

Case IH® Magnum™ Tier 4 Emissions System 235, 260, 290, 315 & ***340 & 370	9422183	340 lbs.	\$2,513.00
***340 Tier 4 Emissions System hydraulic hose kit	14063	5 lbs.	\$118.00
Case IH® Magnum™ Tier 4B Emissions System 250, 280, 310 & ***340 & 380	9422225	340 lbs.	\$2,513.00
***340 & 380 Tier 4B Emissions System hydraulic hose kit	14063	5 lbs.	\$118.00
Spacer kit 380	6303	46 lbs.	\$187.00

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

Challenger® MT645C/D, MT655C/D, MT665C/D, MT675C/D, & MT685C/D w/ stamped wheels	9422218		\$2,545.00
Massey Ferguson® 8650, 8660, 8670, 8680 & 8690 with stamped wheels	9422218		\$2,545.00

New Holland® TG210, TG215, TG230, TG245, TG255, TG275, TG285, TG305, T8010, T8030, T8040 & T8050	9422191	340 lbs.	\$2,513.00
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New Holland® 4AT8.275, T8.300, T8.330, T8.360 & T8.390 NA for front suspension	9422193	340 lbs.	\$2,513.00
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New Holland® 4BT8.320, T8.350, T8.380, T8.410 & T8.435 NA for front suspension	9422236	340 lbs.	\$2,513.00
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Spacer kit required on 4B Emission models	6110		\$609.00
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Tractors with optional water/fuel separator - relocation kit	6027	5 lbs.	\$17.00
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John Deere® 7200R, 7215R, 7230R, 7260R, 7280R, 7210R, 7230R, 7250R, 7270R, 7290R & 7310R	9422190	340 lbs.	\$2,513.00
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*John Deere® 8100, 8200, 8300, 8400, 8110, 8210, 8310, 8410, 8120, 8220, 83208120, 8220, 8320, 8420, 8520, 8130, 8230 FT4 8245R, 8295R & 8320R with powershift transmission & heavy duty hubs	9422229	180 lbs.	\$2,513.00
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*John Deere® FT4 w/ E23 or IVT™ trans. 8130, 8230, 8330, 8430, 8530, 8225R, 8235R, 8245R, 8260R, 8270R, 8285R, 8295R, 8310R, 8320R, 8335R, 8345R, 8360R, & 8370R w/ HD hubs	9422230	230 lbs.	\$2,513.00
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Spacer kit for models with long frame	6303	46 lbs.	\$187.00
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*For tractors with standard Hub order Kit	6072		\$188.00
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Tractors with optional water/fuel separator - relocation kit	6139	5 lbs.	\$59.00
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**THREE POINT FRAME**

Three Point Frame	9488131		\$4,305.00
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**PUMPS**

Ace Hydraulic Pump (FMC150HYD304) (hose kit included)	9425068	33 lbs.	\$1,503.00
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Hepro Hydraulic Pump (C9314HM1) (hose kit included)	9425067	35 lbs.	\$1,620.00
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**PLUMBING / PUMP MOUNT / BALL VALVES**

Raven® Flow Meter, Regulator, & Trailer Wire Harness w/5 Motorized Valves & Plumbing (7 valves maximum)	9425084		\$6,113.00
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**CONTROLS**

Raven® 450 Automatic Rate Control, Power Cable and Astro II GPS Speed Sensor 1Hz	9425088		\$2,754.00
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Raven® ECU Automatic Rate Control, Auto Boom Shut Off & Mapping, works with most late model VT	9425096		\$5,187.00
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Mueller ECU Automatic Rate Control, Auto Boom Shut Off, Mapping, works with most late model VT	9425095		\$3,491.00
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*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.)	9488137		\$24,265.00
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**FRONT FOLD BOOM ACCESSORIES**

*NOTE: Order Spray Tips Separately*

TeeJet® Drip Free (55 nozzles) for 60', 80/90' Hydraulic Front Fold Boom (5 section)	9428159		\$1,496.00
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TeeJet® Triple Drip Free (55 nozzles) for 60', 80/90' Hydraulic Front Fold Boom (5 section)	9428160		\$2,293.00
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Hydraulic Glide Suspension System (factory installed only) (Tractor must be equipped with closed center hydraulic system.)	9428152	20 lbs.	\$3,910.00
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**ACCESSORIES**

33 Gallon Charcoal Foam Marker	9428168	111 lbs.	\$2,110.00
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33 Gallon Yellow Foam Marker	9428157	111 lbs.	\$2,110.00
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Fence Line Spray Kit, Electric	9428002	5 lbs.	\$186.00
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36" row spacing kit for Case IH Tier 4A	6041		\$554.00
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36" row spacing kit	6044		\$601.00
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38/40" row spacing kit for JD® 8000 Series	6156		\$1,533.00
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Tank Sight Gauge (Kit to do one tank)	6202		\$33.00
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