

# DEMCO

## 50 SERIES SPRAYERS



*Doing Our Best to Provide You the Best*

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# DEMCO 850, 1050, 1250 Gallon FIELD SPRAYERS

## Configured To Meet Your Needs

Demco's Field Sprayers have a proven, time-tested design. The 50 Series Sprayers have a shorter hitch pin to axle length which dramatically reduces crop damage. Available with many different boom and pump options, as well as many accessories, Demco's Field sprayers can be configured to meet your needs.

### 850 Gallon

45', 60' or 66' Boom available



### 1050 Gallon

45', 60' or 66' Boom available  
or 80/90' Boom available



### Hydraulic front fold booms

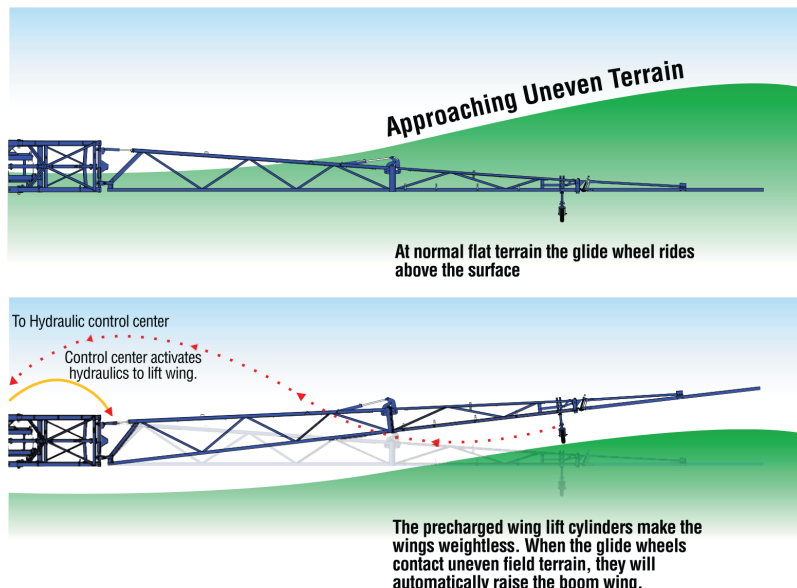
The hydraulic front fold booms feature a nitrogen charged accumulator system combined with leveling linkage and shock absorbers to soften the ride. Live hydraulic control block requires only one set of remote outlets to perform all boom functions.

## How the Hydraulic Glide Suspension works

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



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



## 1250 Gallon

80/90' Boom available



## Features

- 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
- Single tube hitch frame allows for improved turning - can be adjusted vertically in 1 1/2" increments
- 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
- Light system consists of flasher/turn signal and taillights for added road safety

## Tank Features

- 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

## Boom Features

- Accumulator system combined with leveling linkage and shock absorbers soften the ride
- Center pivot suspension
- Hydraulic boom breakaway (80/90)
- Outer wing breakaway
- Stainless steel hose & boom clamps
- 90' boom can fold to spray at 60'
- Boom latches for transport
- Live hydraulic control block
- Independent wing folds (45', 60', 66' booms)
- 9' 6" Transport width - 45', 60', 66' boom  
12' Transport width - 80/90' boom
- Available with 3/4" high volume plumbing and TeeJet diaphragm check nozzles spaced at 20"



*Pendant boom control with live hydraulic front fold models*



*7 gallon chemical eductor is optional*



*Electric motorized ball valves*



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



*Raven® 450 sprayer control system*



*2" Flow Meter with digital display*



## Specifications

	Model 850	Model 1050	Model 1250
<b>Tanks</b>			
Spray Tank	850 gallons	1050 gallons	1250 gallons
Fillwell Size	16" flip top	16" flip top	16" flip top
Rinse Tank (rear mounted)	120 gallon	120 gallon	120 gallon
Fresh Water Tank	2 1/2 gallon	2 1/2 gallon	2 1/2 gallon
<b>Chassis</b>			
Ground Clearance	30"	30"	30"
Hub Size	8 bolt	8 bolt or 10 bolt	8 bolt or 10 bolt
Tire Size	13.6 x 38 bias	13.6 x 38 bias or 320/90R46	13.6 x 38 bias or 320/90R46
Hitch Pin to Axle	140"	140"	140"
1/4" Steel Formed Frame	✓	✓	✓
Storage Compartment	✓	✓	✓
<b>Available Boom Sizes</b>			
45', 60', & 66'	✓	✓	✓
80/90'	✓	✓	✓



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