50 SERIES SPRAYERS

CONVENIENT AND BUILT TO PERFORM

Doing Our Best to Provide You the Best
www.demco-products.com • 1.800.543.3626
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.
**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”

**1250 Gallon**

80/90’ Boom available
## Specifications

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