Grain Carts
and Wagons
Superior grain flow for industry leading cleanout!

Certified
Superior grain flow for industry leading cleanout!

NEW!

ISO
9001
Certified

Doing our Best to Provide You the Best
View all Demco Products on the web at: www.demco-products.com
Since the day our first gravity flow wagon was built, Demco has earned its reputation as the “King” of gravity flow wagons. Demco earned it by building wagons rugged and reliable. Take a look. You’ll find the Demco wagon loaded with innovative features and qualities that set the pace with farmers throughout North America. Demco incorporates the kind of quality that stands up when the demands get tough.

**Features**

- NEW Heavy Duty Torsion Bar Suspension on 550, 650 and 750 models provides superior frame to box flexibility, reduces stress and improves handling.
- Large, easy to operate handwheel.
- POSI-FLOW design incorporates 30° side pitch, 40° end pitch. 7” x 12” grain viewing windows.
- Center dump chute for pit unloading.
- LED Light kit consisting of two 4” amber lights and two 4” red lights for added road safety.
- Front mounted ladder has non-slip step with handrail on 550, 650 and 750 models.
- Heavy duty DEMCO running gears with structured tubing for bolsters.
- Heavy duty spindles rated for full capacity.
- 2-wheel brakes are standard on a 450 and 550 model wagon.
- 4-wheel brakes on 650 and 750 model wagons.
- One piece reach pipe for pull through rear hitch design.
- Safety chain.
- 1-1/4” Tie rods on 550 and 650 models.

**Shortest turning radius in the industry**

One piece reach pipe for pull through rear hitch design on 450, 550, 650 and 750 models

365 & 450 - 2.8:1 sprocket ratio
door opener

550, 650 & 750 - 3.7:1 sprocket ratio door opener with roller guides and chute light. Door stops at 1/4” increments.
Heavy duty torsion bar suspension reduces wagon stress and improves ride and handling. (550, 650 & 750 models - 750 models have Double Torsion Bar)

Ladder has handrails and non-slip steps (550, 650 & 750 models)

550/650 Models

750 Model

Heavy duty torsion bar suspension reduces wagon stress and improves ride and handling. (550 & 650 models - 750 models have Double Torsion Bar)
Demco’s grain cart is built rugged for heavy loads. The chassis is extra heavy duty to stand up to fields with imperfect terrain when the cart is fully loaded. The Posi-Flow designed box insures hassle-free unloading. The auger folds forward to provide excellent visibility of the grain flow when unloading. Driven by an automatic over-running slip clutch PTO shaft, the balanced auger and gearbox are protected from high torque start-ups associated with handling high moisture grain.

Features

- 1000 RPM PTO.
- 14” diameter balanced auger with 5/16” flighting and Posi-Lock connection.
- UltraFlyte™ made with 1008/1010 high carbon steel including a thicker outer edge, resulting in up to 50% longer wear and faster conveying.
- Automatic reset “cut-out” clutch with overrunning clutch to protect auger drive and tractor PTO.
- Available with hydraulic drive. 15-25 GPM oil flow required, reduces auger speed.
- 30” hydraulic controlled flow gate.
- Auger positioned for operator visibility.
- Auger folds within the width of the box for compact transporting and storage.
- 2 grain viewing windows.
- Welded box construction with silicone sealed seams resists rust and corrosion.
- 7000 lb. drop-leg tongue jack with separate storage position provides tighter turning radius.
- Hand wheel operated clean-out door at bottom of auger for easy post season cleanup.
- LED Tail, flasher/turn signal lights and LED auger spotlight for nighttime operation.
- Available with 120” fixed or 120” - 144” adjustable axle tread width.
- Transport width: 12’ 9”.
- Rear mounted SMV sign is standard.
- Transport safety chain.
- Optional roll top tarp.
- Optional adjustable auger spout.
- Optional ergonomic pendant control.
- Optional weigh scale kit and console with printer port.

NEW!

CONVENIENT ERGONOMIC PENDANT GRIP CONTROL (OPTIONAL)

POSIDRIVE coupler eliminates noise and shock when engaging.

Tablet and smart phone not included.

NEW!
Rain Carts

Roll up tarp

UltraFlyte™ flighting made of 1008/1010 high carbon steel

Hydraulic drive is optional
(15-25 GPM oil flow required)

UltraFlyte™
850, 1050 & 1150 Model Grain Carts

Unmatched harvesting efficiency

Superior grain flow for industry leading cleanout!

Features

- Automatic reset “cut-out” clutch with overrunning clutch to protect auger drive and tractor PTO.
- 18” diameter balanced auger with 3/8” flighting and Posi-Lock connection.
- UltraFlyte™ made with 1008/1010 high carbon steel including a thicker outer edge, resulting in up to 50% longer wear and faster conveying.
- Auger positioned for operator visibility.
- Grain viewing window.
- Silicone sealed seams resists rust and corrosion.
- Available with 120” fixed or 120” - 144” adjustable axle tread width.
- LED Taillight, flasher/turn signal lights and LED auger spotlight for nighttime operation.
- Transport width with single wheels set on 120” centers: 12’ 9”
- Adjustable auger spout.
- Hydraulic drive 35 - 40 GPM oil flow required, reduces auger speed.
- Optional High Speed High Torque Hydraulic Drive (70 GPM Max oil flow and 3 remote outlets required)
- Optional roll top tarp.
- Optional ergonomic pendant control.
- Optional weigh scale kit and console with printer port.
- Wireless auto weighing system.

Data can be shared by Email and opened with standard spreadsheet software, no need for in tractor printer. (For details go to www.demco-products.com)

Hydraulic drive is optional (35 - 40 GPM oil flow and 2 remote outlets required)

Model 2060

Model 640

Data Transfer Kit

Line Printer

New!

Demco provides the best unloading visibility because our augers project further forward than any in the grain cart industry.

Unloading auger extends out and forward. (90” ahead of the box)

New!

Tablet and smartphone not included.
Auger spout rotates 100° from side to side. This adjustment allows for more precise unloading and easier approach to the target.

**POSI-DRIVE**

**NEW!**

1102 & 1272 Model Grain Cart

**Features**

- Available with singles, tracks, or oscillating duals.
- Modular box construction with silicone sealed seams.
- Optional Weigh scale kit and console with printer port.
- LED Tail, flasher/turn signal lights and LED auger spotlight for nighttime operation.
- Grain viewing windows.
- Hydraulic cushion cylinder, provides a faster and smoother auger fold.
- 20" diameter computer balanced discharge auger with Posi-Drive connection.
- Adjustable spout with end delivery for even flow unloading.
- UltraFlyte™ made with 1008/1010 high carbon steel including a thicker outer edge, resulting in up to 50% longer wear and faster conveying.
- Forward positioned auger for optimum in-cab visibility.
- Adjustable austempered cast hitch, fits category 4 or 5 hammerstrap tractor drawbar.
- Automatic reset “cut-out” clutch with overrunning clutch to protect auger drive and tractor PTO.
- Optional High Speed High Torque Hydraulic Drive (70 GPM Max oil flow and 3 remote outlets required)
- Optional roll top tarp.
- 35k Ductile hubs.
- Optional wireless auto weighing system. Data can be shared by Email and opened with standard spreadsheet software, no need for in tractor printer. (For details go to www.demco-products.com)

**Convenient**

**Ergonomic**

**Pendant Grip Control**

(optional)

**UltraFlyte™ flighting made of 1008/1010 high carbon steel**

**ADJUSTABLE SPOUT**
Demco's 1400 model grain cart is capable of filling a semitrailer in 2.5 minutes. The structure is designed to hold up under extreme field conditions where terrain is less than perfect. The box design insures that the grain flows fast enough to fill the unloading auger and provides speedy, hassle-free unloading.

The 22" auger folds forward for excellent unloading visibility. The auger is balanced and driven by an automatic over-running slip clutch PTO shaft that protects the gearbox from high torque start-ups and heavy high moisture grain.
Auger spout rotates 100° from side to side. This adjustment allows more precise unloading and easier approach to the target.
Features

- Available with singles, tracks, or oscillating duals
- Modular box construction with silicone sealed seams
- 22" diameter computer balanced discharge auger with Posi-Drive connection
- Adjustable spout with end delivery for even flow unloading
- UltraFlyte™ made with 1008/1010 high carbon steel including a thicker outer edge, resulting in up to 50% longer wear and faster conveying.
- Forward positioned auger for optimum in-cab visibility
- Adjustable austempered cast hitch, fits category 4 or 5 hammerstrap tractor drawbar
- Hydraulic drive drag auger (70 GPM max, 2200 psi requires 2 remote tractor outlets)
- 1000 RPM PTO, 1.75"-20 spline - for unloading auger
- Pendant grip control & hydraulic block - 1 remote outlet performs 3 cart functions (auger fold, adjustable spout & auger flow gate)
- Automatic reset “cut-out” clutch with overrunning clutch to protect auger drive and tractor PTO
- Optional Weigh scale kit and console with printer port
- Grain viewing windows
- Optional roll top tarp.
- Optional wireless auto weighing system. Data can be shared by Email and opened with standard spreadsheet software, no need for in tractor printer.

(For details go to www.demco-products.com)

NOTES ON HYDRAULICS

A standard grain cart requires three hydraulic remotes:

Pendant Control manages slide gate, folding auger and adjustable spout and requires one hydraulic remote.

70 GPM max oil flow is required for hydraulic drive drag auger (requires two hydraulic remotes).
Grain Cart Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>550</th>
<th>650</th>
<th>750</th>
<th>850</th>
<th>1050</th>
<th>1150</th>
<th>1102</th>
<th>1272</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>500 Bushels</td>
<td>650 Bushels</td>
<td>750 Bushels</td>
<td>850 Bushels</td>
<td>1000+ Bushels</td>
<td>1100+ Bushels</td>
<td>1100+ Bushels</td>
<td>1270+ Bushels</td>
</tr>
<tr>
<td>Balanced Auger Size</td>
<td>14&quot;</td>
<td>14&quot;</td>
<td>14&quot;</td>
<td>18&quot;</td>
<td>18&quot;</td>
<td>18&quot;</td>
<td>20&quot;</td>
<td>20&quot;</td>
</tr>
<tr>
<td>Unloading Time</td>
<td>2 1/2 min.</td>
<td>3 min.</td>
<td>3 1/2 min.</td>
<td>2 1/2 min.</td>
<td>3 min.</td>
<td>3 1/2 min.</td>
<td>2 1/2 min.</td>
<td>2 1/2 min.</td>
</tr>
<tr>
<td>Spindle Size</td>
<td>3 1/4&quot;</td>
<td>4 1/4&quot;</td>
<td>4 1/4&quot;</td>
<td>4 1/4&quot;</td>
<td>4 1/4&quot;</td>
<td>5 1/4&quot;</td>
<td>5 1/4&quot;</td>
<td>5 1/4&quot;</td>
</tr>
<tr>
<td>Tractor HP Required</td>
<td>125+</td>
<td>150+</td>
<td>150+</td>
<td>175+</td>
<td>175+</td>
<td>175+</td>
<td>200+</td>
<td>200+</td>
</tr>
<tr>
<td>Tread Width (Standard)</td>
<td>120&quot;</td>
<td>120&quot;</td>
<td>120&quot;</td>
<td>120&quot;</td>
<td>120&quot;</td>
<td>120&quot;</td>
<td>120&quot;</td>
<td>120&quot;</td>
</tr>
<tr>
<td>Tread Width (Optional)</td>
<td>120-144&quot;</td>
<td>120-144&quot;</td>
<td>120-144&quot;</td>
<td>120-144&quot;</td>
<td>120-144&quot;</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Tongue Frame</td>
<td>4&quot; X 8&quot;</td>
<td>4&quot; X 10&quot;</td>
<td>4&quot; X 10&quot;</td>
<td>4&quot; X 10&quot;</td>
<td>4&quot; X 10&quot;</td>
<td>4&quot; X 10&quot;</td>
<td>4&quot; X 10&quot;</td>
<td>4&quot; X 10&quot;</td>
</tr>
<tr>
<td>Tongue Weight - (Empty)</td>
<td>1,060 lbs.</td>
<td>1,300 lbs.</td>
<td>1,280 lbs.</td>
<td>1,200 lbs.</td>
<td>1,200 lbs.</td>
<td>1,200 lbs.</td>
<td>1,200 lbs.</td>
<td>1,750 lbs.</td>
</tr>
<tr>
<td>Tongue Weight - (Loaded)</td>
<td>2,300 lbs.</td>
<td>2,600 lbs.</td>
<td>2,800 lbs.</td>
<td>3,200 lbs.</td>
<td>3,200 lbs.</td>
<td>3,200 lbs.</td>
<td>3,200 lbs.</td>
<td>6,000 lbs.</td>
</tr>
<tr>
<td>Roll Top Tarp</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Scale</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Weight/Wheels &amp; Tires</td>
<td>7,000 lbs.</td>
<td>7,560 lbs.</td>
<td>8,220 lbs.</td>
<td>10,490 lbs.</td>
<td>11,600 lbs.</td>
<td>14,000 lbs.</td>
<td>20,000 lbs.</td>
<td>20,500 lbs.</td>
</tr>
<tr>
<td>Weight/Tracks</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>16,500 lbs..</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

* Bushel capacity measured with #2 corn at 15% moisture content (56 lb. test weight)

**Physical Size**

![Diagram of grain cart specifications]

Some dimensions may vary due to tire sizes.

Grain Wagon Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>365</th>
<th>450</th>
<th>550</th>
<th>650</th>
<th>750</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>365 Bushels</td>
<td>450 Bushels</td>
<td>550 Bushels</td>
<td>650 Bushels</td>
<td>750 Bushels</td>
</tr>
<tr>
<td>Approximate Weight - (Empty) W/22.5 Tires</td>
<td>3,620 lbs.</td>
<td>4,360 lbs.</td>
<td>5,920 lbs.</td>
<td>6,500 lbs.</td>
<td>7,100 lbs.</td>
</tr>
<tr>
<td>Box Width</td>
<td>7' 11&quot;</td>
<td>8' 1&quot;</td>
<td>9' 6&quot;</td>
<td>9' 6&quot;</td>
<td>9' 6&quot;</td>
</tr>
<tr>
<td>Box Length</td>
<td>12&quot;</td>
<td>14&quot;</td>
<td>16&quot;</td>
<td>16&quot;</td>
<td>16&quot;</td>
</tr>
<tr>
<td>Over All Height W/22.5 Tires</td>
<td>9' 5&quot;</td>
<td>9' 8&quot;</td>
<td>9' 6&quot;</td>
<td>10' 4&quot;</td>
<td>11' 1&quot;</td>
</tr>
<tr>
<td>Unloading Time</td>
<td>50 Seconds</td>
<td>55 Seconds</td>
<td>70 Seconds</td>
<td>85 Seconds</td>
<td>95 Seconds</td>
</tr>
<tr>
<td>Spindle Size</td>
<td>2 1/2&quot;</td>
<td>3&quot;</td>
<td>3&quot;</td>
<td>3 1/2&quot;</td>
<td>3 1/2&quot;</td>
</tr>
<tr>
<td>Hub Size</td>
<td>8 Bolt - 6&quot;</td>
<td>8 Bolt - 6&quot;</td>
<td>8 Bolt - 6&quot;</td>
<td>10 Bolt - 8.71&quot;</td>
<td>10 Bolt - 8.71&quot;</td>
</tr>
<tr>
<td>Turning Diameter</td>
<td>31 8&quot;</td>
<td>35 9&quot;</td>
<td>37</td>
<td>37</td>
<td>37</td>
</tr>
<tr>
<td>Roll Top Tarp</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Fenders</td>
<td>NA</td>
<td>NA</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Door Opening</td>
<td>40&quot;</td>
<td>48&quot;</td>
<td>60&quot;</td>
<td>60&quot;</td>
<td>60&quot;</td>
</tr>
</tbody>
</table>

* Bushel capacity measured with #2 corn at 15% moisture content (56 lb. test weight)
### Grain Cart Specifications

#### Model 1400

<table>
<thead>
<tr>
<th>Specification</th>
<th>1400 Bushels W/Duals</th>
<th>76 X 50 Singles</th>
<th>Tracks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>1400 Bushels</td>
<td>76 X 50 Singles</td>
<td>Tracks</td>
</tr>
<tr>
<td>Balanced Auger Size</td>
<td>22&quot;</td>
<td>22&quot;</td>
<td>22&quot;</td>
</tr>
<tr>
<td>Unloading Time</td>
<td>2.5 min.</td>
<td>2.5 min.</td>
<td>2.5 min.</td>
</tr>
<tr>
<td>Spindle Size</td>
<td>3 1/2&quot;</td>
<td>5 1/2&quot;</td>
<td>-</td>
</tr>
<tr>
<td>Tractor HP Required</td>
<td>275</td>
<td>275</td>
<td>275</td>
</tr>
<tr>
<td>Hub Size</td>
<td>10 Bolt 13.19&quot;</td>
<td>10 Bolt 13.19&quot;</td>
<td>-</td>
</tr>
<tr>
<td>Unloading Time</td>
<td>2.5 min.</td>
<td>2.5 min.</td>
<td>2.5 min.</td>
</tr>
<tr>
<td>Spindle Size</td>
<td>3 1/2&quot;</td>
<td>5 1/2&quot;</td>
<td>-</td>
</tr>
<tr>
<td>Tractor HP Required</td>
<td>275</td>
<td>275</td>
<td>275</td>
</tr>
<tr>
<td>Hub Size</td>
<td>10 Bolt 13.19&quot;</td>
<td>10 Bolt 13.19&quot;</td>
<td>-</td>
</tr>
<tr>
<td>Width Of Tire/Track</td>
<td>144&quot;</td>
<td>158&quot;</td>
<td>182&quot;</td>
</tr>
<tr>
<td>Tongue Frame</td>
<td>4&quot;x10&quot;</td>
<td>4&quot;x10&quot;</td>
<td>4&quot;x10&quot;</td>
</tr>
<tr>
<td>Weight (Empty)</td>
<td>2,500 lbs.</td>
<td>2,500 lbs.</td>
<td>2,500 lbs.</td>
</tr>
<tr>
<td>Weight (Loaded)</td>
<td>6,000 lbs.</td>
<td>6,000 lbs.</td>
<td>6,000 lbs.</td>
</tr>
<tr>
<td>Scale</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Weight/Wheels &amp; Tires</td>
<td>17,200 lbs.</td>
<td>-</td>
<td>-</td>
</tr>
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</table>

#### Physical Size

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Auger Extends to Side</td>
</tr>
<tr>
<td>B</td>
<td>Box Width (Transport Width)</td>
</tr>
<tr>
<td>C</td>
<td>Height, Low Side</td>
</tr>
<tr>
<td>D</td>
<td>Axle Ground Clearance</td>
</tr>
<tr>
<td>E</td>
<td>Auger Extends to Front</td>
</tr>
<tr>
<td>F</td>
<td>Box Length</td>
</tr>
<tr>
<td>G</td>
<td>Box Height (High Side)</td>
</tr>
<tr>
<td>H</td>
<td>Total Length</td>
</tr>
<tr>
<td>I</td>
<td>Axle to Tongue Length</td>
</tr>
<tr>
<td>J</td>
<td>Drawbar/Tongue Height</td>
</tr>
<tr>
<td>K</td>
<td>Auger Clearance Height</td>
</tr>
<tr>
<td>L</td>
<td>Tread Width</td>
</tr>
</tbody>
</table>

*Some dimensions may vary due to tire sizes.*

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Demco

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View all Demco Products on the web at: [www.demco-products.com](http://www.demco-products.com)

**DOING OUR BEST TO PROVIDE YOU THE BEST**