

Gravity Wagons

Small Capacity | Medium Capacity | Large Capacity



OPTIONAL 3-STAGE TELESCOPING SPOUT

adds an extra six feet to unloading distances
(Total of 12 feet gained on left to right swing of auger)

PATENTED UNI-SWIVEL HYDRAULIC AUGERS

The patented Uni-Swivel Hydraulic auger design allows the auger to swivel to any working position while maintaining a downwardly positioned discharge spout. The adjustable hopper can fit virtually any door size. Unique pulley and track stabilizer design allows the auger to stay in position and not pull to center.

Models USA-15S and USA-15P

- 6" Diameter x 15' long auger system
- Steel or poly-cup plastic interior flighting
- Adjustable hopper wings can fit a range of door opening widths
- Screw-cap fitting at bottom of auger tube for easy cleanout
- Optional 3-Stage Telescoping Spout

Portable AugerMate Power Unit

- Eliminates the need for a tractor
- 8 Horsepower engine with optional electric start
- Direct mounted hydraulic pump, eliminating belts, pulleys and chance of misalignment
- Oversized 5 gallon oil reservoir
- Mounting frame included for easy attachment to the gravity box



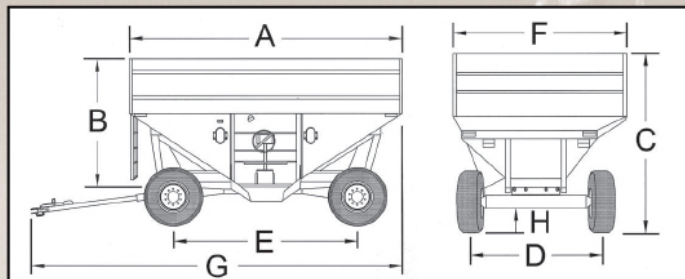
TANK DESIGN IS KEY TO EXCELLENT CLEANOUT

A common misconception is that all wagons are designed the same. Therefore, it is assumed that the wagon with the greatest amount of back slope will clean out better. This is not necessarily true. Some competitor wagons rely solely on steep slopes and gravity for unloading. With their design, the angle of slope becomes critical for complete cleanout, especially in higher moisture grains. With these designs, an extra degree of slope could make all the difference. We take the design of the tank one step further. Not only are our wagons engineered with a steep back slope, but we also utilize a Sump Design with valley flats to maximize cleanout. Valley flats don't allow the grain to hang up in the corners of the tank while the sump design "pulls" grain into the unloading chute. Not All Wagons Utilize This Feature! This is why J&M gravity wagons have built an excellent reputation for complete cleanout even in high moisture grains!



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	250-7S	250-7SB	385SD	440SD	540SD	680SD	760SD
A	10'-3"	10'-3"	12'-4"	15'-0"	15'-0"	16'-6"	16'-6"
B	4'-9"	6'-0"	7'-2"	6'-9"	7'-10"	7'-11"	8'-7"
C	6'-7"	8'-4"	9'-2"	8'-11"	10'-0"	10'-2"	10'-10"
D	5'-8"	6'-2"	6'-10"	7'-4"	7'-4"	7'-8"	7'-8"
E	7'-4"	7'-9"	8'-7"	10'-4"	10'-4"	11'-2"	11'-2"
F	7'-3"	7'-3"	7'-10"	8'-4"	8'-4"	9'-6"	9'-6"
G	15'-7"	16'-0"	17'-11"	20'-8"	20'-8"	24'-0"	24'-0"
H	1'-5"	1'-7"	1'-3"	1'-3"	1'-3"	1'-5"	1'-5"

Wagon Specifications

	250-7S	250-7SB	385SD	440SD 540SD	680SD 760SD
Capacity - Box*	165 Bushels	250 Bushels	385 Bushels	440 or 540 Bushels	680 or 760 Bushels
Door Width	30"	30"	36"	48"	48"
Chute Height	15"	20"	17"	Adjustable 14" to 19"	Adjustable 14" to 19"
Hopper Construction	14 GA Steel	14 GA Steel	14 GA Steel	12 GA Steel	12 GA Steel
Understructure	3" x 6" Runners	3" x 6" Runners	3" x 6" Runners	3" x 6" Runners	3" x 6" Runners
Taillights	Standard	Standard	Standard	Standard	Standard
Front Ladder	Standard	Standard	Standard	Standard	Standard
Center Dump Deflector	N/A	N/A	Optional	Optional	Optional
Capacity - Running Gear	8 Ton	10 Ton	13 Ton	16 Ton	24 Ton
Spindles	1 3/4" Diameter	2" Diameter	2 1/2" Diameter	3" Diameter	3 3/8" Diameter
Wheels	15 x 8 - 6 Bolt	15 x 10 - 6 Bolt	22.5x8.25 or 22.5x13.5 - 8 Bolt	22.5x13.5 - 8 Bolt	22.5x13 - 10 Bolt
Tires	11L-15	12.5L-15	11-22.5 or 15-22.5	15-22.5 or 16.5-22.5	16.5-22.5 or 18-22.5
Hydraulic Brakes	N/A	N/A	Opt. 2-Whl Drum	Optional 2-Whl Drum	Optional 4-Whl Drum
Weight (complete unit)	1,760 lbs.	2,200 lbs.	3,640 lbs.	4,850 lbs. or 5,250 lbs.	6,800 lbs. or 7,050 lbs.

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

Model USA-15 Specifications

Diameter	6 inch
Length	15'-0"
Flighting	Steel or Poly-Cup Plastic
Hopper	Adjustable to fit almost any box
Auger Tube	14 GA seamless steel tube
Winch	Standard
Auger Pivot	Patented Uni-Swivel Design
Sump Design Hopper	Yes
Unloading Height	11'-0" (maximum); 7'-0" (minimum)
Height of Auger in Saddle	10'-0" (on 385 box to steel spout)
Maximum Swing Left and Right	43'-0" (with 3-Stage Telescoping Spout)
Maximum Unloading Distance Out	19'-0" (with 3-Stage Telescoping Spout)
Discharge Rate (corn/soybeans)*	15 bushels per minute
Discharge Rate (fertilizer)*	1,000 lbs. per minute

*Your rate may differ due to the quality of the material, the auger unloading height angle, and variable tractor hydraulic output. NOTE: Always operate the auger system with a tractor hydraulic requirement of 9 gpm (minimum) to 15 gpm (maximum) (2,250 psi)

GUARANTEE

J. & M. MANUFACTURING CO. guarantees against any faulty construction or materials for a period of ONE year. We reserve the right to inspect and decide whether material or construction was faulty or whether abuse or accident voids our guarantee.

AugerMate Specifications

Engine	Briggs & Stratton or Honda
Starter	Manual Pull or Electric
Engine Size	8 horsepower
Oil Reservoir	5 gallon
Mounting Frame	Standard



Specifications are subject to change without notice or obligation.

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Gravity Wagons

Small Capacity | Medium Capacity | Large Capacity

250-7S • 250-7SB • 385SD • 440SD • 540SD • 680SD • 760SD

Heavy-Duty J&M Gravity Wagons

Built Like a Tank
to meet your toughest demands, year after year



Gravity Wagons

Small Capacity | Medium Capacity | Large Capacity

J&M GRAVITY WAGONS

Since J&M introduced their first gravity wagon in 1960, they have developed many patented designs and features that have provided farmers with better solutions transporting their grain from storage, to the field and back again... saving both time and money.

SMALL CAPACITY GRAVITY WAGONS

- For over five decades and with over 50,000 sold to date, models 250-7S and 250-7SB have proven to be well-constructed, reliable and economical wagons.

Model 250-7 Gravity Wagon

- 165 Bushel Capacity (no sideboards)
- 8 Ton Capacity Running Gear

Model 250-7SB Gravity Wagon

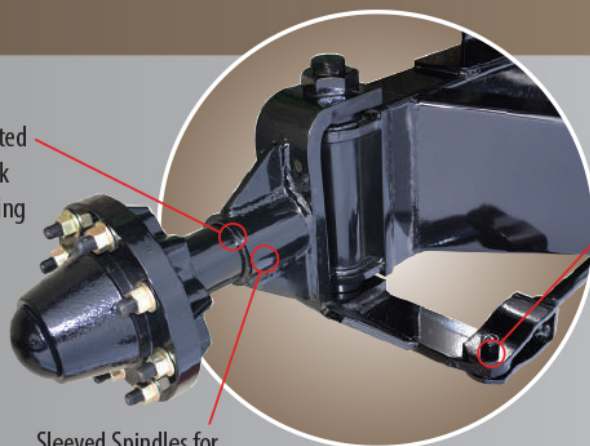
- 250 Bushel Capacity (includes 15" tall sideboards)
- 10 Ton Capacity Running Gear
- Optional Rocking Bolster

Model 385-24 Gravity Wagon

- 385 Bushel Capacity
- 13 Ton Capacity Running Gear
- Standard Rocking Bolster
- Sleeved Spindles for Maximum Strength
- Optional Metering Door
- Optional Dual Compartments with Separate Positive Lock Doors for Independent Operation



Spindle is inserted into heat shrunk sleeve for welding



Sleeved Spindles for Maximum Strength

Tie-Rods with Clevis Ends and Replaceable Bronze Bushings for Easy Maintenance



NEW SHORT TURN
design allows for sharper
turning radius and
greater mobility

All models include dual inspection windows, observation ladder, side dump chute, light package with rear hook-up and SMV emblem, deluxe decal package, graphite coated interior and a primer coated exterior with choice of red, green or blue urethane paint.

Heavy-Duty J&M Gravity Wagons

Built Like a Tank
to meet your toughest demands, year after year



The road to farming is rugged, full of unexpected obstacles, bumps, twists and turns. That is why since 1960, J&M has built tank-like gravity wagons to get you through the worst conditions with ease. The heavy duty tank construction features steep slopes, corner valley slats and a sump design, providing fast and easy clean-out, even in high moisture grains. The front wheels feature an automotive tow setting for true-tracking. Offset runners allow you to make the tightest turns with ease. A pull through extended rear hitch eliminates the stress on the rear axle during tandem towing. Reinforced sleeved spindles provide maximum strength and durability, allowing you to hold more and travel faster in the harshest conditions without failure, while the cushion tongue smoothly activates the two or four wheel hydraulic drum brakes. The new style rocking bolster increases stability, yet provides flexibility in rough terrain. Get through the challenges of farming with a gravity wagon that is built like a tank to meet your toughest demands, year after year.



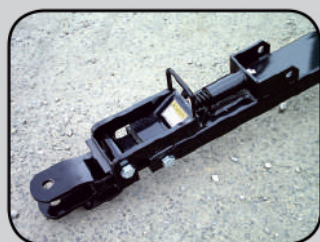
MEDIUM AND LARGE CAPACITY GRAVITY WAGONS

Models 440SD, 540SD, 680SD and 760SD Gravity Wagons

- 680 or 760 bushel capacity with 24 ton running gear with "cushion" tongue and four-wheel drum brakes. Dual compartments available.
- 440 or 540 bushel capacity with 16 ton running gear with "cushion" tongue and two-wheel drum brakes. Dual compartments available.
- Offset steel runners allow for a sharper turning radius and greater mobility.
- Patented side discharge chute adjusts from 14" to 19" tall unloading height in seconds without tools.
- Heavy-duty 3" (16 ton) or 3 3/8" (24 ton) diameter sleeved spindles provide maximum strength and durability.
- Pull through extended rear hitch eliminates stress on the rear axle during tandem towing. Rear 7-prong connector receptacle provided for easy hook-up.
- Heavy-duty 12 ga. tank and side construction.
- Tank sump design and valley flats provide complete cleanout... even in high moisture grain.
- Steep end slopes and wide door for faster unloading. A high-intensity lamp near door is included.
- Standard metering door with heavy-duty gear reduction door opener for effortless opening, even when the box is completely full!
- New style rocking bolster increases stability, yet provides flexibility in rough terrain. Rubber cushion pads between gravity box and running gear reduces noisy "chatter" during empty transport.
- Tie rods are positioned behind the axle for greater protection. Front wheels have an automotive tow setting for true-tracking.
- Bronze bushings are located at steering wear points for easy and inexpensive maintenance.



Optional Wheel Fenders rotate with steerable front axle to reduce splatter during wet and muddy conditions.



"Cushion" Tongue



Dual Spring Lift



Pull Through Rear Hitch



Drum Brakes