

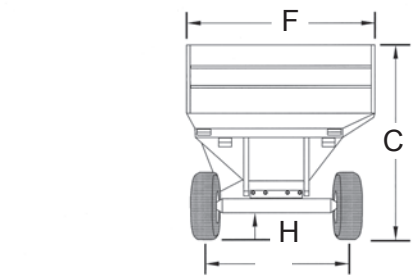


Models 680SD and 760SD Gravity Wagons with 24 Ton Running Gear
Models 440SD and 540SD Gravity Wagons with 16 Ton Running Gear

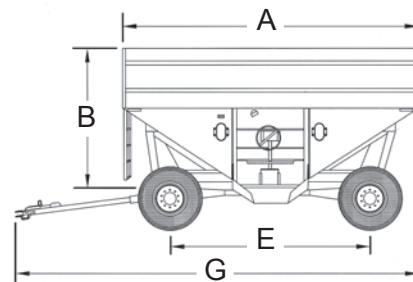
SPECIFICATIONS	440SD	540SD	680SD	760SD
Capacity - Box*	440 Bushels	540 Bushels	680 Bushels	760 Bushels
Door Width	48"	48"	48"	48"
Chute Height (Tool-Less)	Adjustable 19" to 14"	Adjustable 19" to 14"	Adjustable 19" to 14"	Adjustable 19" to 14"
Hopper Construction	12 GA Steel	12 GA Steel	12 GA Steel	12 GA Steel
Understructure	3" x 6" runners	3" x 6" runners	3" x 6" runners	3" x 6" runners
Taillights	Standard	Standard	Standard	Standard
Front Ladder	Standard	Standard	Standard	Standard
Center Dump Deflector	Optional	Optional	Optional	Optional
Capacity - Running Gear	16 Ton	16 Ton	24 Ton	24 Ton
Spindles	3" diameter	3" diameter	3 3/8" diameter	3 3/8" diameter
Wheels	22.5 x 13.5 - 8 bolt	22.5 x 13.5 - 8 bolt	22.5 x 13 - 10 bolt	22.5 x 13 - 10 bolt
Tires	15-22.5 or 16.5-22.5	15-22.5 or 16.5-22.5	16.5-22.5 or 18-22.5	16.5-22.5 or 18-22.5
Tongue, Spring Assist with Quick Hitch Tongue	Standard	Standard	Standard	Standard
Hydraulic Brakes	2-Wheel Drum	2-Wheel Drum	4-Wheel Drum	4-Wheel Drum
Weight (complete unit)	4,850 lbs.	5,250 lbs.	6,800 lbs.	7,050 lbs.

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

DIMENSIONS



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



Large Capacity Gravity Wagons
680 or 760 Bushel Capacity with 24 Ton Running Gear
440 or 540 Bushel Capacity with 16 Ton Running Gear



Model 680SD Shown with Optional Fenders



Model 540SD



Model 540SD

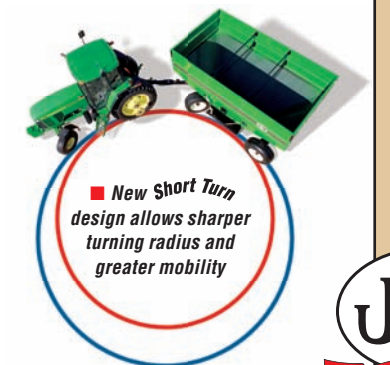


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GUARANTEE

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.

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Short Turn Design

Offset steel runners allow the wheels of the running gear to turn shorter, creating greater mobility. Turning diameter is just 11'-10"





Models 680SD and 760SD Short Turn Gravity Wagons with 24 Ton Running Gear Models 440SD and 540SD Short Turn Gravity Wagons with 16 Ton Running Gear



FEATURES INCLUDE:

- 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 a sharper turning radius and greater mobility.
- Pat. Pending 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) dia. 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 the 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.
- Large dual inspection windows for increased visibility.
- Deluxe light package with SMV emblem.
- Choice of Red, Green or Blue polyurethane paint with primer coat and graphite coated interior.

Large inspection windows (front and rear) for increased visibility.

A high intensity lamp with an On-Off switch is located near the door for nighttime unloading.

7-Prong End and Main Wiring Harness stores conveniently under the canopy of the wagon, away from inclement weather.

Spring cushion tongue applies consistent brake pressure and eliminates the tendency for the brakes to jump.



680SD Short Turn Gravity Wagon with 24 Ton Running Gear Shown

Large inspection windows for increased visibility.

Standard metering door with heavy duty gear reduction door opener for easy opening.

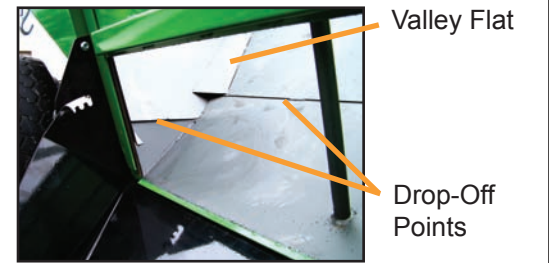
Tool-Less design allows discharge chute to be quickly and easily adjusted from 14" to 19" unloading height. (pat. pending)

TANK DESIGN IS KEY FOR COMPLETE CLEANOUT

A common misconception is that all wagons are designed the same. Therefore, it is assumed that the wagon with the greatest amount of backslope will cleanout 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 high moisture grain. With these designs, an extra degree in 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 grain.



Drop off points of Sump Design start initial flow and pulls grain into the unloading chute for complete cleanout.



Optional Wheel Fenders

Durable fenders rotate with steerable front axle to reduce splatter during wet and muddy conditions.



REINFORCED SPINDLES FOR MAXIMUM PERFORMANCE AND DURABILITY

Welding directly on a spindle shank significantly compromises the integrity and strength at the weld location. This process creates a brittle area in the spindle that is prone to breaking.

J&M uses a thermal dynamic process that has the opposite effect. Our process uses heavy wall sleeves that are heat shrunk around the spindle. (Since there is no welding on the shank, the original properties of the spindle remain intact, eliminating the creation of a brittle area prone to breakage.)

This proven process has been successful in preventing spindle breakage on J&M wagons for years.

Take a closer look and you'll see why J&M gravity wagons really are Better...By Design!



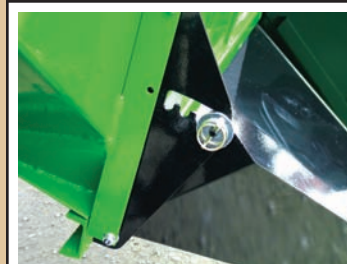
Cushion Brake Tongue

All wagons feature a cushion tongue that activates the braking process. Dual springs at the rear of the tongue helps lift the tongue for easy hook-up.



Center Diverter Chute

Optional diverter chute stores underneath the wagon when side unloading and easily swings into place for pit unloading.



Patent Pending Adjustable Chute

Tool-Less Design allows 19" tall side discharge chute to be quickly and easily adjusted to meet your specific unloading height.



Hydraulic Drum Brake Systems

Two-wheel or four-wheel hydraulic drum brakes.



Pull-Through Rear Hitch

Eliminates stress on the rear axle from tandem hauling.

