

WEST COAST FOOTINGS & SUPPLY CO.,INC.

480 Ridge Road

Mokelumne Hill, CA 95245

800-585-7000 or **209-293-2220**

Web site: www.wcfootings.com

Email: info@westcoastfootings.com

Manufactured by West Coast Footings

GENERAL WARRANTY INFORMATION

Warranties subject to change per product. Detailed warranty information will be included with each unit purchased.

Full Customer Support available!

Water on Wheels water wagons are shipped fully assembled!
Water trailers will be shipped common carrier or via in-house trailer.
When using Common Carrier, unless your facility has a dock, delivery will be directly to the carriers terminal under a "Will Call".

One stop...for ALL your footing needs!

If you wish more information on our Red Master Harrow line, Footing additives, arena consultations or customer service for 'Water on Wheels' please call or write!



All prices F.O.B. our warehouses.
Some products are not available at all locations
Prices subject to change without notice.
Please call for current pricing and delivery charges.



5/10

The **WATER ON WHEELS** Catalog

Designed to fit your arena watering needs!



"Water on Wheels"
making arena watering easy
and hard to reach places accessible!

WEST COAST FOOTINGS & SUPPLY CO., INC.

Thank you for requesting our Water on Wheels information

Designed specifically for arenas

Important facts about the 'Water on Wheels' water wagon line.

1. Although you may choose from pre-designed models, most water wagons are built to meet individual facility needs. Please see the enclosed price sheet for more details.
2. Pump seals are designed for **water only**.
3. Trailers are equipped with a non-oscillating axle, which means that the axle will not follow the contour of uneven ground like a car does; the axles remain in a fixed position. Best use of operation is on even grounds.
4. Trailers are **NOT equipped** with a breaking system, although, a surge break accessory is available for most trailers.
5. These are arena water wagons, they are NOT designed for, nor are they legally equipped for highway travel.
6. Trailers are equipped with flotation tires for the least possible compaction.
7. Each water wagon model has features which allow for winter drainage.
8. All models are fully assembled before delivery.
9. Water weight is 8.33 lbs. per gal. before trailer weight. Be sure the tow vehicle has adequate counter weight and Horsepower to handle a full water wagon; do this by looking at the weight of the vehicle vs. weight of the wagon when it is full of water. This investigation is especially imperative for property with hills of any kind. See page 9 for weights, measurements and HP.
10. Though the 2" ball and D'ring hitches are adjustable, the receiver hitch must be at a height to match the trailer hitch, purchase of a receiver may be required. Unlevelled dual axle trailers will cause either: overbearing weight on one axle, excess tire wear, retention of tank water, improper and unsafe function of the installed one axle surge break system.
11. The highest standard of quality control is welded, and assembled into every water trailer we put our signature on.

We will be happy to help you choose the right water wagon for your needs.

800-585-7000

ALL PRICES F.O.B. OUR WAREHOUSE. SOME PRODUCTS ARE NOT AVAILABLE AT ALL LOCATIONS. *PRICES SUBJECT TO CHANGE WITHOUT NOTICE.* FOR CURRENT

Pg 1 PRICING AND DELIVERY CHARGES, PLEASE CALL: 800-585-7000

Weights, Measures and Horsepower requirements

Approximate dry and wet weights

Deluxe Water on Wheels

Tank	Dry	Wet
125 gal.	370lb	1412 lb
225 gal.	570 lb	2830 lb
325 gal	620 lb	3327 lb
525 gal.	1260 lb	5635 lb
725 gal.	1320 lb	7360 lb

Recommended Horsepower per unit:

100/125 gal. can be pulled by a Utility Vehicle or 4WD ATV 's (for flat ground use only)
 200/230 gal.- Minimum of 30 HP
 300/325 gal.- Minimum of 30 HP
 500/525 gal.- Minimum of 40 HP
 700/725 gal. – Vehicle must be able to STOP a full wagon at aprox. 7300lb on FLAT ground. Talk with your sales representative.

Approximate dry and wet weights

Gravity Water on Wheels

Tank	Dry	Wet
125 gal.	285 lb	1313 lb
225 gal.	500 lb	2708 lb
325 gal	540 lb	3250 lb
525 gal.	1100 lb	5474 lb
725 gal.	1200 lb	7240 lb

Unit dimensions for Deluxe trailers:

Measured from ground to top of hydrant fill.

125 gallon	L 93" x W 61" x H 61"
225 gallon	L 106" x W 68" x H 68"
325 gallon	L 130" x W 72" x H 73"
525 gallon	L 142" x W 80" x H 86"
725 gallon	L 175" x W 80" x H 86"

Approximate dry and wet weights

Standard Water on Wheels

Tank	Dry	Wet
125 gal.	350 lb	1365 lb
225 gal.	550 lb	2758 lb
325 gal	600 lb	3308 lb
525 gal.	1200 lb	5574 lb
725 gal.	1295 lb	7340 lb

Unit dimensions for Standard and Gravity feed models:

125 gallon	L 93" x W 61" x H 52"
225 gallon	L 106" x W 68" x H 59"
325 gallon	L 130" x W 72" x H 62"
525 gallon	L 142" x W 80" x H 75"
725 gallon	L 175" x W 80" x H 75"

MULE or ATV MODEL



Hose Bib Assembly option

125 Gallon Gravity "Water on Wheels"

Designed to be pulled by most 4WD Utility vehicle on flat ground

- Water small arenas
- Control dust on roads, tracks, parking lots, etc.
- Equipped with 2" x 6 foot PVC spray bar,
- Installed Ratchet valve controls water on/off from the tow vehicle to avoid puddles and water waste; the rope guide keeps the ratchet valve rope in the required line for proper operation.

Wet weight 285 lb ~ Dry weight 1313 lb

Empties in approximately 5 minutes

Uses for Water on Wheels

Rear spray applications:

- Arenas watering for all disciplines
- Dust control for ranch & farm roads-FOR OFF-HIGHWAY USE ONLY!
- Facility parking areas
- Landscaping
- Private construction sites
- Watering of isolated pasture lands

- Dust control of barn aisles (pg7)

- Dust control of training tracks

Use the 3/4" hose bib to:

- Water shrubs and trees
- Provide safety measures during fire season
- Cleaning projects of all types
- Fill livestock watering troughs

Standard issue for "Water on Wheels" trailers before added options

Tank

These water tanks meet FDA specifications to ensure safe storage of potable water for your plants and animals. The horizontal tanks are constructed of rugged, impact-resistant one-piece seamless polyethylene. Legs act as baffles to reduce sloshing. Self-vented sloop-proof lid with tie down keeps your lid on the tank. 8" fill opening on smaller tanks

D'Ring hitch

D'ring hitches are designed for use with a pin. Six height adjustments allow maximum leveling of the water trailer to the tow vehicle.



Tires and non-oscillating axles

- 31" floatation tires on 325, 525, and 725 gallon trailers
- 18" floatation tires on 125 and 225 gallon trailers
- Dual axle on 225, 525 and 725 gallon trailers

- Single axle on 125 and 325 gallon trailers

By special order:

A single axle for 31" floatation tires may be fitted to the 125 & 225 gallon trailers.

Note: On dual axle trailers, the hitch height on the tow vehicle must be adjusted to make the trailer level.

STOCK MODELS Page 3-5

Deluxe Water Wagon models include:

- Leg style tank
- Trailer with jack
- 4 HP Honda gasoline pull start engine with centrifugal pump
- 1 Rear fan spray nozzle offers:
 - 40 foot approximate spread for the 525/725 gallon tanks
 - 32 foot approximate spread for the 325 gallon tanks
 - 29 foot approximate spread for the 125 and 225 gallon tanks
- 3/4 hose bib fixture on pump
- 3/4 hose fill with auto shut-off float valve
- 3 " D-ring hitch with 6 height adjustments
- Drains on pump and valves for winter maintenance
- Ball valve to tank – shuts water off to pump
- Electric Valve and battery with installed plumbing for rear spray water on/off control
- Hydrant fill with check valve , specify 1.5" or 2 " coupling at purchase
- 31 " diameter flotation tires on 325/525 and 725 gallon trailers
- 18 " diameter floatation tires on 125 and 225 gallon trailers
- Duel axle on 225/ 525 and 725 gallon trailers
- Single axle on 125 and 325 gallon trailers

525 gallon Deluxe Water on Wheels shown



See Horsepower requirements of tow vehicle and trailer dimensions of page 10

UNLESS ORDERED WITH SURGE BRAKES, THESE ARENA WATER WAGONS ARE NOT EQUIPED WITH A BRAKING SYSTEM. DESIGNED FOR FLAT ARENA GROUND ONLY.

BUILD YOUR OWN - OPTIONS cont.

Suction Drafting Port

This feature allows the tank to be filled from a clean pond or canal.



A 2 " suction line will quickly fill the tank through the man hole at the top of the tank via a 2 " PVC overhead fill.

The suction hose has a inline filter which is easily accessible for maintenance.

A strainer attached to suction end of the supply hose helps filter leaves and other debris, although hose placement care should still be observed.

Ball valves within the Suction Drafting Port assembly allows operator control over water intake and release through the pump.



Solar Panel

This 1.5 Watts 12V DC solar panel will provide a trickle charge to the Electric Valve battery when exposed to enough natural daylight.

Equipped with disconnect plug from battery.



Surge Breaks

During use, the forward and down hill weight of the trailer will apply stopping pressure to the heels.



To backup the trailer, a lever on the hitch must be switched to lock out the brakes, the trailer can then be reversed. Switch the lever to re-activate the brakes.

The weight of the trailer, full or empty, will determine how much pressure is applied to actuate the breaking system, thus determining how quickly you will stop the trailer. Therefore, it is imperative that the trailer frame is level; or slightly lower in front.

Hitch height of the tow vehicle will need to be adjusted to match trailer height. A receiver hitch may be a necessary purchase. With the 325, 525, and 725 gallon model, hitch height is 16 " from ground to inside top of ball; trailer hitch height is not adjustable.

The receiver hitch of the tow vehicle must be of acceptable height (15-1/2 to 16-1/2 ") to allow proper function of brakes and avoid excess tire wear.

Surge Brakes are not available for trailers equipped with 18 " tires.

By special order: Surge breaks may be available for the 125 and 225 gallon trailers if quipped with axles for 31 " tires, call for a quote.

BUILD YOUR OWN - OPTIONS cont.

Spray caps

Spray caps are specifically designed for maximum water output with minimal compaction from heavy water droplets.



Quick disconnect allow the cap to be quickly changed, the spray direction to be slightly altered, or ease of cleaning.

Single spray stands are usually located in the middle rear of the trailer.



Additional spray stands are available upon initial order of the trailer. When 2nd and 3rd stands are added, the primary and additional spray stands are equipped with shut-off valves so that sprays cap can be operated independently or in any combination for a project.

Depending on the model, single cap spray width ranges between 29-40 feet of coverage.

Stand and cap are 2" diameter.

Galvanized pipes are for clear water only.

Fenders

Tire and wheel fenders, provide protection from splashing mud or water.

Sturdy enough to stand on.

Constructed of 1/8" steel plate.

Trailers are NOT highway legal.

Hydrant fill

This feature allows the operator to quickly fill the tank from a hydrant with a 2" or 1.5" coupling.



A check valve limits puddling of trapped pipe water when the hose is removed from the coupling.

Aisle spray caps

Aisle spray caps width ranges from 6-10 feet coverage for barn aisles, training tracks, roads, etc. Includes quick-disconnect.



STOCK MODELS Page 3-5

Standard Water Wagon models include:

- Leg style tank
 - Trailer with jack
 - 4 HP Honda gasoline pull start engine and centrifugal pump
 - 1 Rear fan spray nozzle offers:
 - 40 foot approximate spread for the 525/725 gallon tanks
 - 32 foot approximate spread for the 325 gallon tanks
 - 29 foot approximate spread for the 125 and 225 gallon tanks
 - 3/4 hose bib fixture on pump
 - 3/4 hose fill with auto shut-off float valve
 - Ball valve to tank – shuts water off to pump
 - 3" D-ring hitch with 6 height adjustments
 - Drains on pump and valves for winter maintenance
 - 31" diameter flotation tires on 325/525 and 725 gallon trailers
 - 18" diameter floatation tires on 125 and 225 gallon trailers
 - Dual axle on 225/525 and 725 gallon trailers
 - Single axle on 125 and 325 gallon trailers
- ****For arena use, an upgrade of an electric or ratchet valve is recommended to avoid water puddling & waste. See page 6

725 gallon Standard Water on Wheels shown



See Horsepower requirements of tow vehicle and trailer dimensions of page 10

UNLESS ORDERED WITH SURGE BRAKES, THESE ARENA WATER WAGONS ARE NOT EQUIPED WITH A BRAKING SYSTEM. DESIGNED FOR FLAT ARENA GROUND

STOCK MODELS Page 3-5

Gravity Feed Water Wagon models include:

- Leg style tank
- Trailer with jack and chord guide (rope not included)
- 3" D-ring hitch with 6 height adjustments
- Ratchet valve for water on/off control from the tow vehicle. See page 6
- See tire and axle specifications on page 2.
- Spray bar for arena watering and dust suppression.
- 2" x 7.5 foot PVC spray bar on the 525 and 725 gallon water wagons
- 2" x 7 foot PVC spray bar on 325 gallon wagons

Available options for Gravity Feed models:

- 2" adjustable ball hitch provides three height adjustments
- 2-5/16" adjustable ball hitch provides three height adjustments
- Surge brakes—see pictures and explanation on page 8 (option available for trailers equipped with 31" tires only)



Gravity spray pattern



See Horsepower requirements of tow vehicle and trailer dimensions of page 10

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BUILD YOUR OWN - OPTIONS pg 6-8

Foundation: Trailer with D'ring hitch, tires and wheels, trailer jack, and tank pg 2



725 gallon tank

525 gallon tank

325 gallon tank



225 gallon tank



125 gallon tank

Ratchet Valve

Allows operator to turn the water on or off from the tow vehicle.



The Ratchet valves uses a rope to activate the valve; the rope is left to purchasers choice. The rope guide provides alignment for proper activation of the ratchet valve.

Electric Valve

This features allow the operator to control the on/off of water from the tow vehicle or from any angle around the trailer with the flip of a switch.



Includes, battery, battery box, electric valve, and toggle switch with cord.

Engine and pump

4 HP Honda pull start gasoline engine with Multiquip Centrifugal pump.



Rated at 46 PSI & up to 142 GPM

Ball Hitches

Three height adjustments allow maximum leveling of trailer to the tow vehicle.



Available: 2" ball hitch (Pictured)
2-5/16" ball hitch

Leveling is critical, a receiver hitch may be necessary

NOT for chemical use, clear water only