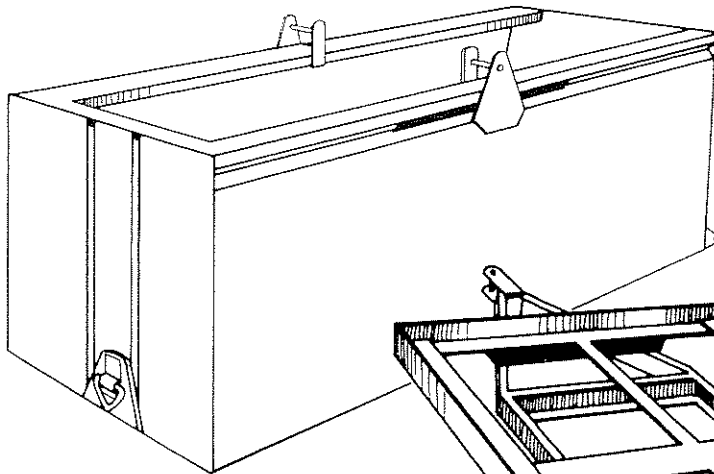
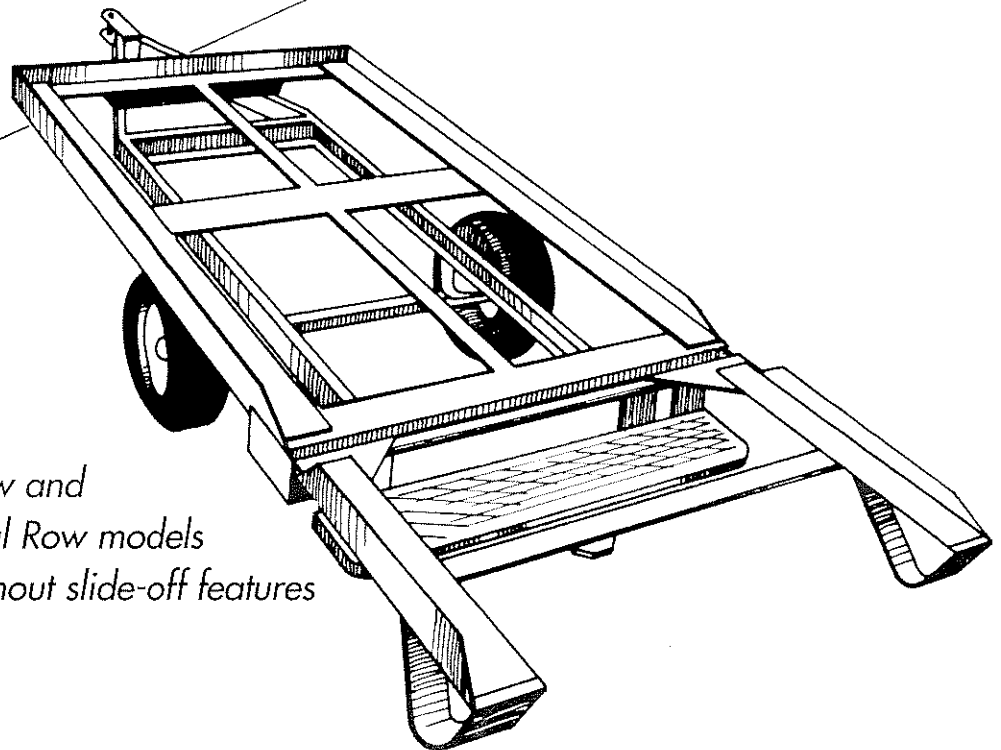


Field Trailers and Two-Ton Harvest Bins



- *Two-Ton Bins fit on all Western Square trailer models and are available in stainless steel or powder coated mild steel.*



- *Narrow Row and conventional Row models*
- *With or without slide-off features*

WESTERN SQUARE

INDUSTRIES

With the exception of one model, Western Square's line of harvest bin trailers is sized to accommodate either:

- two 4'x4' plastic bins, or
- one "Valley bin" (4'x8' steel bin holding nominally two tons of grapes).

Slides or No Slides

Traditional Valley bin trailers have angle iron all around and require a large forklift full-time during the harvest day to off-load bins from their trailers. If the bins could slide off the trailer, the forklift would not be needed until final loading of the bins onto the flatbed truck for the trip to the winery.

Western Square makes models of trailers with strips of hard plastic which allow either metal or plastic bins to slide off the rear of the trailer. Using the 3-point hitch on the tractor, the tractor driver lifts the tongue of the trailer and pulls forward smartly. The bins slide smoothly to the ground without spillage.

Western Square also makes models of trailers without the slide-off feature.

For convenience, our trailers are color-coded:

conventional width (without slides): **black**

conventional width (with slides): **green**

narrow width (without slides): **bronze**

narrow width (with slides): **blue**

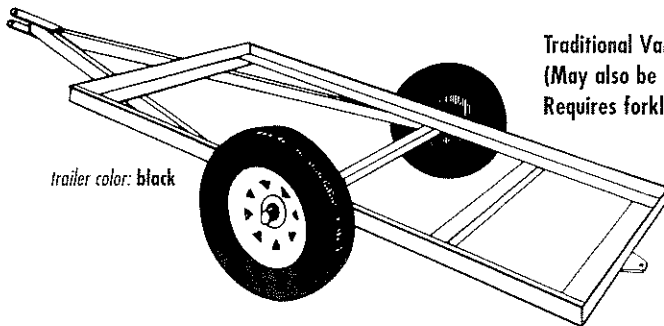
narrow width (with slides holding three bins): **gray**

narrow width tilt trailer (with slides): **blue**

Conventional Width Trailers

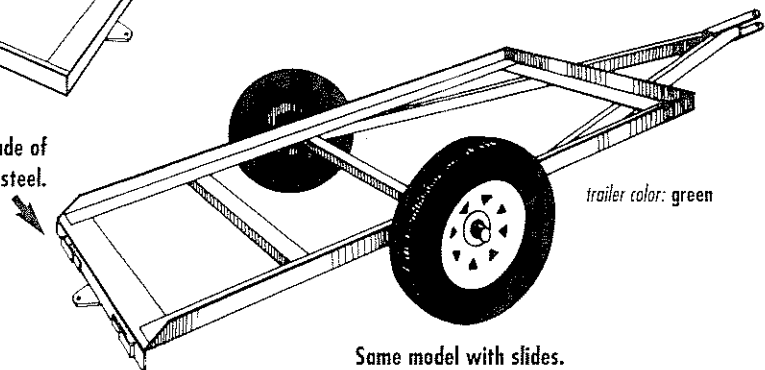
For use in vineyards with rows over 8 feet wide.

These models have standard 14" wheels and 6-ply tires. Trailers are constructed of heavy duty 1/4" x 3" x 5" angle iron. The overall width is 70". The front and rear hitch plates are of 1/2" hot-rolled steel.



Traditional Valley Bin Trailer.
(May also be used with two 4' x 4' plastic bins.)
Requires forklift to unload bin.

Rear locking retainers made of
3/8" hot-rolled steel.



Same model with slides.
Does not require forklift for unloading.

WESTERN SQUARE
INDUSTRIES

1621 North Broadway • Stockton, CA 95205
telephone: 209.944.0921 • fax: 209.944.0934
toll-free: **800.367.8383**
Visit our website: westernsquare.com

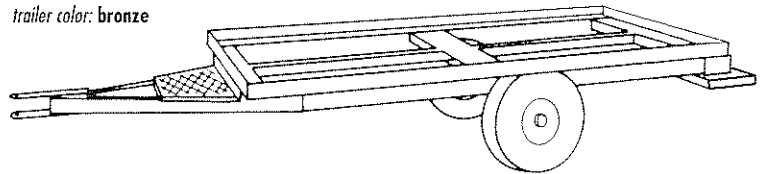
Narrow Row Trailers

For use in vineyards with rows as narrow as 6 feet.

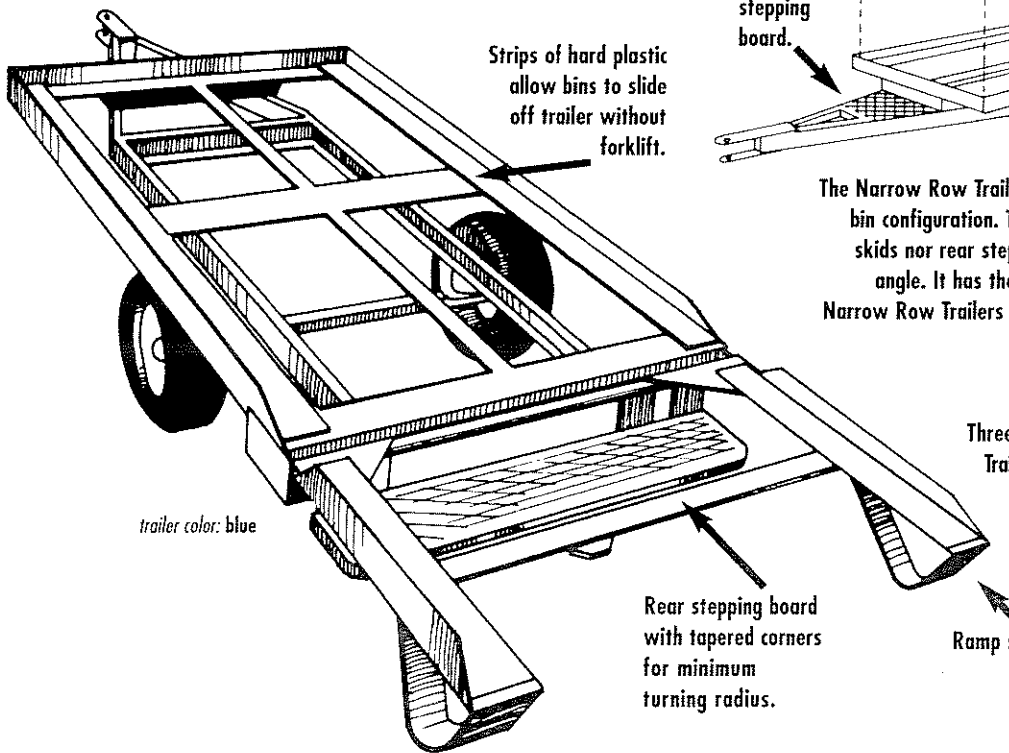
Western Square's Narrow Row Trailers will carry four-foot wide bins down six-foot wide rows, thus protecting the vineyard owner's investment in conventional harvest bins, even as vineyard spacing is reduced. These models have small wheels under the frame, yet can carry the weight of a Valley bin full of grapes. The trailers are constructed of heavy duty 1/4" x 3" x 5" angle iron with a three inch, 4.5 channel underframe. The overall width is 49.5".

This model has no slides.
Requires a forklift to unload bins.

trailer color: bronze



With wheels underneath the frame, Western Square's Narrow Row Trailers stand about 7" higher than conventional trailers. To be able to successfully slide bins off the rear of the models shown below, built-in ramps are provided along with the hard plastic strips.



trailer color: blue

Strips of hard plastic allow bins to slide off trailer without forklift.

Rear stepping board with tapered corners for minimum turning radius.

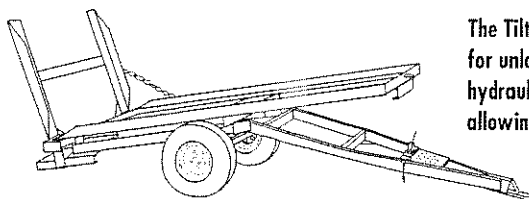
Ramp support skids.

Small stepping board.

trailer color: gray

The Narrow Row Trailer is also available in a three plastic bin configuration. This trailer requires no ramp support skids nor rear stepping board because of its unloading angle. It has the same specifications as the Two-Bin Narrow Row Trailers with additional underframe support.

Both the Two-Bin (shown left) and Three-Bin (shown above right) Narrow Row Trailers have rear adjustable ramps which allow bin(s) to slide to the ground without the use of a forklift.



trailer color: blue

The Tilt Trailer has an undercarriage that allows the trailer to tilt for unloading without attaching it to the tractor's three-point hydraulic system. The trailer can be released by a foot lever allowing the trailer to raise and the bin slide off.

All trailers are powder coated.
For more information about powder coating please refer to the back page of this brochure.

Harvest Bins

Although interchangeable with Valley bins from other manufacturers, Western Square's Two-Ton Bin has features which have earned it the reputation for the best designed bin in the industry.

The D-ring end is ribbed so that the stress from lifting a full bin is distributed over the entire height of the bin, not just the D-ring itself.

The top rail is formed to provide excellent rigidity and dimensional

stability. The channel on the outside of the rail is blocked to prevent the hooks of the gambrel from catching.

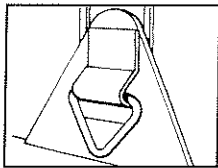
Side walls, end walls and bottom sections are lapped, so that welds are on flat surfaces, not on edges or corners.

These features give Western Square's Two-Ton Bin the strength and dimensional stability needed for years of trouble-free use, but without added weight. Manufactured of 14 gauge steel, Western Square's bin

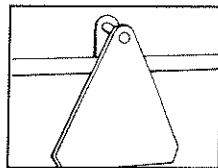
weighs only 435-440 pounds. The outside dimensions are 8' x 4' x 4'.

Western Square is the only manufacturer to use powder coating (baked enamel) to coat steel bins. The inside coating of the bins is FDA-approved food grade epoxy powder coating in a choice of white or gray. The outside coating is exterior grade polyester powder coating which is available in several colors. These bins are also available in stainless steel. (See below.)

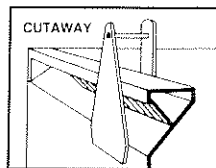
Forged D-Ring (rated at 20,000psi) mounted on ribs, spreads the stress of hoisting over a maximum area.



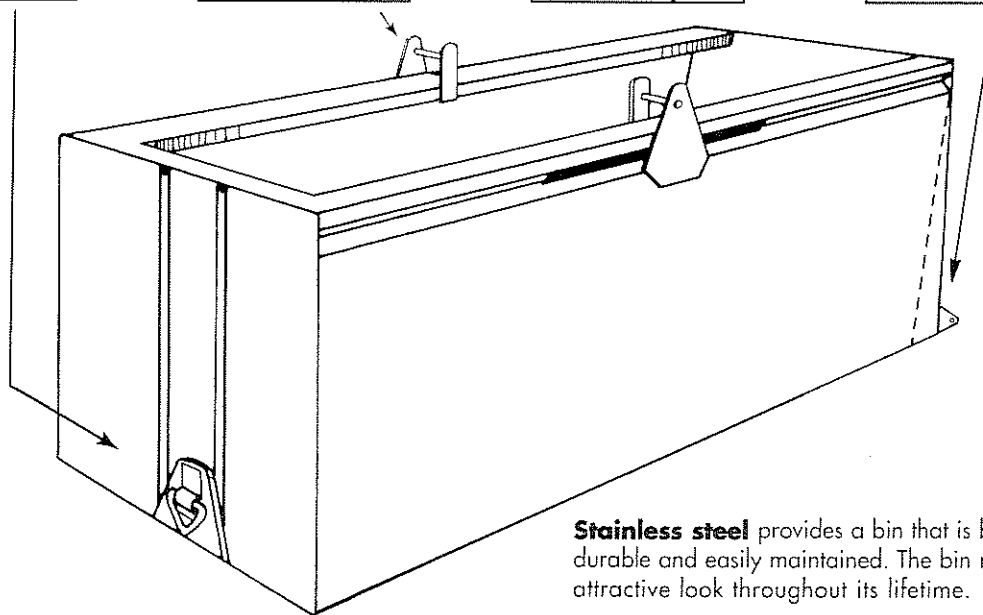
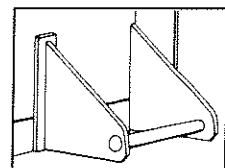
Lifting pins and pivot pins welded to triangular shaped plates for maximum strength.



Sides of bin made with roll-formed steel. No weld required on inside. Smooth surface for best grape release.



"Thru-holes" design. Pins welded on both sides of each plate. (Not butt-welded).



Stainless steel provides a bin that is both extremely durable and easily maintained. The bin retains its clean, attractive look throughout its lifetime.

Powder coating is the most durable finish available. It is resistant to chipping, abrasion, impact, corrosion, chemicals and weather. Powder coating is the process in which the coating is applied dry instead of wet. The dry powder, with a consistency like talcum powder, is applied with a special spray gun which charges each particle electrostatically so that it will stick when it hits the metal surface.

The steel is later conveyed into a 400° oven where the powder particles melt, flow and fuse, a process that can take up to 45 minutes. This process of coating steel provides dramatically better corrosion resistance than conventional painting methods.

WESTERN SQUARE

I N D U S T R I E S

1621 North Broadway • Stockton, CA 95205

telephone: 209.944.0921 • fax: 209.944.0934

toll-free: **800.367.8383**

Visit our website: westernsquare.com