



*Grain Dump Overview*



Grain dump grating is an option for many truck scale models but consulting with an expert can ensure you find the best solution for your facility.

## The Ultimate Efficiency Boost for Grain Processors

### Grain Dumps in SURVIVOR® Truck Scales

Ideal for agricultural facilities, grain dumps in truck scales streamline grain receiving processes. Trucks pull onto the scale and after weight is captured, operators can open trailer belly gates to unload grain in one time-saving step.

#### How Grain Dumps Work

Truck scales with grain dumps are typically placed over a receiving or collection hopper that are in a pit underneath the scale. You and your dealer will need to work with a millwright to choose a flexible connection from the grain dump to the collection hoppers. A flexible canvas or rubber boot can reduce the amount fugitive dust when grain is being unloaded. Using a flexible boot helps ensure system accuracy without limiting technician access to scale components during maintenance.

Collection hoppers and conveying equipment are never attached directly to the scale. A rigid connection between the scale and collection equipment would interfere with the scale's ability to effectively capture weight and void the warranty.

**HEADQUARTERS**

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## Grain Dump Configuration

Grain dump grating is available as an option on many SURVIVOR<sup>®</sup> truck scale models from Rice Lake Weighing Systems. Rice Lake's engineers carefully modified SURVIVOR scale designed to ensure weighbridge integrity is maintained with minimal deflection when grain dumps are included.

The grain dump grating is incorporated into the steel or concrete deck modules without sacrificing structural integrity. Grain dumps in SURVIVOR scales don't act as giant manholes; manholes for maintenance access are separate from the grating.

Grain dump grating can be fixed or removable in SURVIVOR truck scales. Fixed grating is welded in place, so access to collection hoppers or conveying equipment must be available from the hopper pit. Removeable grating can provide access to conveying equipment from the scale surface when grating is removed.

It is important to note grating cannot be the full width of the scale. There must be enough non-grated deck on the scale to support vehicles driving over it. Your dealer will help you understand the specifics of the SURVIVOR truck scale models you are interested in so you can determine if it will fit your facility.

