

American Crystal Sugar Company

Truck Specifications

Unload time:

- All trucks must be able to unload in 2 minutes and 15 seconds.
- This applies to live bottoms also.

Hoist guidelines:

- 30-second hoist downtime for all trucks.
- Dump valves are highly recommended, especially on end dump semis.
- This applies to the lowering of the back gate on live bottoms also.

Other:

- A minimum ground clearance between the front and rear axles is 13". This should prevent possible damage to the truck such as fuel tanks. Trucks with less than 13" of ground clearance may access the piler at their own risk of damage.
- Maximum opening of the end gates cannot exceed 40". This will help prevent spillage of beets over the back of the end dumps which will slow down harvest. Chains or some other means of limiting the end gate opening is required.
- Frameless end dump trailers are not allowed to unload beets on ACSC pilers. This type of trailer is unsafe because the tractor moves while unloading.
- Make sure your truck bumper follows state and federal laws. Also, please secure a piece of angle iron or ready rod on the top of the bumper to prevent beets from sitting on the bumper after you have unloaded. Beets that sit on the bumper after being unloaded fall off the bumper as the truck drives away from the piler and the pile site. These beets create a tripping hazard for our crew and create a mess around the piling site and on public roads.
- Install mud scrapers between the duals to reduce the amount of mud that gets tracked on the roads.
- If your truck spills beets, more adjustments may be required beyond these specifications.