

Title of Training	Lowboy Trailer Training	
Equipment Info.	Make/Type/Size/Model	Lowboy Trailer
Material Needed	Tractor Trailer with Lowboy Trailer. Orange cones to demarcate baking up area and hooking up tractor trailer.	<ul style="list-style-type: none"> boots or safety shoes - eye/face protection long pants - hard hat hearing protection – gloves

LOWBOY TRAILER TRAINING

A lowboy or double-drop trailer refers to a type of flatbed trailer that has a well or middle section that is of lower height, according to Entertainment Transportation Network Inc.

Flatbed Trailers

One of the features that differentiates flatbed trailers from one another is the trailer bed height. Unlike a standard flatbed, whose height is uniform throughout at 60 to 62 inches, a lowboy has two higher sections along with a lower middle area.

Taller Shipments

The middle section of a lowboy may only be 22 to 24 inches in height. This type of trailer can carry shipments as tall as 11.5 feet and is more suitable for heavy, over-sized loads. Using a standard flatbed for taller loads may require special permits, resulting in delays and requiring additional safety precautions.



Disadvantages

Lowboys are a less common type of trailer and cost more to use. For smaller, lighter loads, a standard flatbed is more cost-effective. But

lowboys make more sense for larger cargo. Loads can be driven directly onto a lowboy, according to Ryan Transportation Services.

Lowboy trailers should be used with safety in mind at all times. Accidents have occurred when misuse of the equipment resulted in injury. Actions that might seem logical are not always safe to perform with a lowboy trailer.

Steps for Safe Operation

Read well the operations manual for the lowboy trailer. You should start the load in low gear, wear a seat belt and drive defensively.

Loading and Storage Tips

When the lowboy is parked, keep the body of the trailer and the truck aligned one behind the other. Park the trailer and truck on flat ground when loading or unloading the

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trailer. Do not let your feet go under the deck of the lowboy trailer when loading or unloading the equipment.

Safely Securing the Load

Lower any equipment that is raised before loading on the trailer. Chain the load on the trailer in all four directions. Make sure all equipment has its parking brake on. High tensile chain is the best type of chain to use when securing the load on a lowboy trailer.

Safe Operations

1. Supervisors shall verify that operators are capable and qualified on each type of equipment before allowing the equipment to be operated unsupervised.
2. Operators shall perform a pre-operational check of the equipment prior to use. Be familiar with the operator's manual. Lockout/Tagout and report needed repairs promptly to your supervisor. Do not use any equipment that is unsafe.
3. Operators shall perform a visual and manual check of the "pintle hooks" to ensure that they are secure before the truck and attachment are put to use.
4. Make sure cargo is properly loaded and secured using only approved chain and load binders. Safety chains are to be used on any attachment in tow. Ensure that the chains are of the proper strength for the load and are properly secured to both the vehicle and attachment to be towed.
5. Be aware of height and width of load.
6. Never load a trailer beyond its recommended capacity.
7. Do not allow anyone between truck and trailer when backing to hook trailer.
8. Plan ahead to minimize the need for backing. Always check to the rear before backing and use an observer when available. Make sure back-up alarms are working properly.
9. Make sure trailer-bed and ramps are clear of any debris.
10. Make sure tilt-beds or ramps are secure before putting trailer in use.
11. Hook, unhook, load and unload on stable ground with trailer secure.
12. Be sure tail lights and turn signals are operational and in view when towing any attachment that does not have taillight hookup.
13. Observe towing speed limit, where applicable.
14. Operators shall be responsible for securing permits and licensing for all oversize loads.

Low Boy Trailers

1. Never load a trailer beyond its recommended capacity.

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2. Make sure cargo is properly loaded, centered and secured using only approved chain and load binders. Use no less than 2 chains. Hauled vehicles shall be secured with chains pulling from opposite directions
3. Safety chains are to be used on any attachment in tow. Ensure that chains are of the proper strength for the load and are properly secured to both the vehicle/equipment and attachment points of the trailer.
4. Be aware crushing and pinching hazards when installing, adjusting, or removing chains and binders used to secure loads.
5. Be aware of height and width of load.
6. Make sure trailer-bed and ramps are clear of any debris.
7. Hook, unhook, load and unload on stable ground with trailer secure.

Important Notes

This Safety Training Topic (STT) does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with equipment manual. It is designed as a guide to be used to compliment training in the field at Brieser Construction and as a reminder to users prior to equipment use.

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EMPLOYEE NAME (Print or Type)	EMPLOYEE SIGNATURE	TRADE	JOB TITLE
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