



INSPECTION GUIDES: TRAILERS

INTRODUCTION

Quality trailers of all types are a primary focus here at Iron Surplus when it comes to inventory. There are many similarities between the types but each type has their own unique features/specifications. Because there are so many types and variations buyers need to filter down search results when searching online using these specifications. This guide will help you determine the type and recognize important details when inspecting and listing trailers.



COMMON TRAILER TYPES

AGEQUIPMENT TRAILERS

Commonly used to transport agriculture equipment. They use a gooseneck fifth wheel style hitch, and several different types of ramps.



DROP DECK TRAILERS

Drop deck trailers have a deck for the main load and an additional smaller deck above the fifth wheel.



DOUBLE DROP DECK TRAILERS

Double Drop deck trailers have a low profile deck in the center known as the "well" of the trailer. These trailers are ideal for transporting tall loads exceeding 10'. They also have additional decks above the fifth wheel and trailer axles.



FLAT BED TRAILERS

Flat bed trailers are used typically for hauling pipe, steel, lumber and other material. Some flatbeds, referred to as "floats" have a sliding rear axle for better load weight distribution.



TAG TRAILERS

Probably the most widely used type of equipment trailer. They are heavy duty trailers that use a pintle or military style hitch, and several different types of ramps.



ROLL BACK TRAILERS

Roll Back trailers have traveling axles that allow the entire deck to become a low angled ramp. These trailers are particularly useful for loads with low ground clearance.



LOG TRAILERS

Log trailers are sturdy but lightweight trailers used in forestry work to transport full length logs.



END DUMP TRAILERS

End Dump trailers have a rear gate and a hydraulic cylinder that are used to raise the front of the bed to dump contents from the rear.



PUP TRAILERS

Pup trailers are used in conjunction with dump trailers to allow additional load. Pup trailers are not allowed in some states.



BOTTOM/BELLY DUMP TRAILERS

Bottom or “Belly” Dump trailers are typically used for sand and other aggregate materials. Bottom dump trailers provide a more even pour and spread than traditional end dump models.



HOPPER TRAILERS

Hopper or “Grain” trailers are used for transporting grain and other commodities. They are loaded from the top and contents are unloaded through hoppers located below the frame.



TANK TRAILERS

Tank trailers are used for transporting various liquids such as water, fuel, oil, etc. When listing a tank trailer be sure to specify the following information:

- Tank capacity



DRY BULK TRAILERS

Dry Bulk trailers are pneumatic trailers that are pressurized and vacuum sealed. These trailers are loaded from the top and emptied from the bottom. Used primarily for transported fine grained materials like sand, sugar, flour, etc.



DRY VAN TRAILERS

Used for transporting many types of dry goods. They come in several lengths and door layouts.



REFRIGERATED TRAILERS

Refrigerated or “Reefer” trailers are insulated and refrigerated for transporting loads that need to be climate controlled.



BELT TRAILERS

Belt trailers are equipped with an internal conveyor belt that feeds the load to the rear of the trailer when emptying. Typically used for transporting wood chips, mulch, and other products.



CAR CARRIER TRAILERS

Car carrier trailers are for..... Yep, for carrying cars. They come in many sizes so be sure to note the number of cars that it will carry when listing.



LOWBOY TRAILERS

Lowboy trailers come in many variations. These sturdy trailers are used primarily to transport heavy machinery and other oversized loads. Additional “flip axles” and “Dollys” can be used in conjunction with some trailers for extremely heavy loads. Some of the types are described and displayed below for reference.

LOWBOY TRAILER TYPES

RGN TRAILERS

RGN or “Removable Goose Neck” trailers have a detachable gooseneck that stays connected to the fifth wheel when loading and unloading.

GROUND BEARING RGN TRAILERS

Ground bearing RGN trailers have a vertically mounted hydraulic jack cylinder used to lift the weight of the trailer and load off of the neck of the trailer.

NON-GROUND BEARING RGN TRAILERS

Non-Ground bearing RGN trailers use hydraulic jack cylinders mounted to the neck of the trailer to disconnect the neck from the trailer.

