

About the Trailer:

The Duralite Aluminum Livestock Trailer is the most durable trailer built. Just ask the person that owns one. Our trailers are made of the best quality material available and dedicated workmanship. The trailer is built basically of aluminum extrusions for its structural parts. The alloy of the extrusions is 6061 and heat treated to a temper of 6. This alloy and heat treat was formulated for on land transportation vehicles. The main characteristics of this alloy is to withstand flexing or movement of the metal, corrosion resistance and strength to weight ratio. Thus the extruded side planks withstand the animal abuse that normally dents smooth sheet material. There are NO structural welds on the trailer. The component parts are fastened together with locking bolts, locking aluminum rivets and huck bolt fasteners. This method of fastening DOES NOT change metallurgy, reduce strength, or distort parts as is the case with welding. Another feature of the bolt and riveted trailer is the repairability versus the weld. The steel parts, running gear, jack and hitch are insulated from the aluminum with butyl rubber to prevent corrosion.

The floor is aluminum treadplate, 6061T6 1/8" thick and riveted to the cross members. Our 12" cross member spacing allows the floor to remain flat. This eliminates the need of ribbed flooring that is used by other manufacturers for strength and reduces animal stress as the livestock do not like to stand on the ribs. Duralite Trailers are one of the few manufactured trailers that still offer a slipper spring suspension. To make this setup even better we replace the plastic bearing with a large rubber bushing.

Hinges are of extruded aluminum with polymer bearing and a close tolerance fit to the hinge pin. It is most important that the hinges and locks be tight on aluminum trailers. Grease zerks allow for easy maintenance and long life.

Wiring is routed overhead in a track that is incorporated in the top rail extrusion. Even the electric brakes are grounded overhead. LED lights are used and rubber grommets are placed in the holes where the wires run through the trailer to keep them from being cut. The electrical connections have heat shrink tubing to secure and maintain the connection and gas line tubing is used to cover the brake wires.

There are NO fender wells inside the trailer that add to animal discomfort and weaken the structure. This also allows for a smooth interior that is easier to clean and safer for the animal.

The lower neck is constructed of all aluminum beams for extra strength and durability. This feature also makes the total trailer weight a lot less than other trailers you find on the market. Resting on the front of the lower neck is the bull nose front. This is standard on all Duralite trailers no matter what the size. This feature is also found on other trailers when they manufacture double decks for strength.

Duralite Trailers, LLC is committed to providing the most utility value for the dollar invested. Duralite trailers are truly the toughest, most durable trailer on the market.

Information contained in this literature is current at the time of publication. Duralite Trailers, LLC, reserves the right to make changes and discontinue models and options.