



YSD Industries



Founded in 1924, **YSD Industries** is one of the largest railcar door and roof suppliers in the railcar industry. Our dedicated customer service team and commitment to providing innovative, quality components and services to the rail industry ensures **YSD Industries** is a leading supplier of railcar doors, door parts, boxcar roofs, and a variety of other products.

Located in Youngstown, Ohio, YSD Industries operates a 100,000 square foot plant. The facility has multiple railroad spurs served by the Y&A Railroad, which interchanges with Norfolk Southern and CSX. Our location near the interstate highway network provides convenient truck shipping and receiving.

Our engineering professionals can design a variety of other products as well as individual replacement parts and modification of an entire freight car. Additionally, we provide follow-up field service engineering to assist the customer with product application.

Our facility is equipped with up-to-date tools for forming and assembling quality assured products and parts in thicknesses ranging from light to medium gauges to heavy sheet, plate, and structural shapes. YSD offers contact manufacturing to produce and fabricate a wide range of products.

Doors | Devices | Roofs

Founded in 1924, YSD Industries is one of the largest railcar door and roof suppliers in the railcar industry.



Diagonal and X Panel Roofs

Box car roofs must be completely waterproof, dust-proof and extremely sturdy to provide maximum protection for lading. They must be of exceptional strength and rigidity to hold the super-structure square and to prevent the sides from spreading, even on the worst curves.

YSD Industries has improved the popular Diagonal Panel Design and added the “X” Panel Roofs. Both are made from paneled galvanized steel to ensure maintenance free, prolonged service. U-shaped seam caps fit snugly over transverse upstanding flanges when roofs are assembled. All rivets are driven horizontally through the seam caps. A suitable sealer is applied between the roof sheets and flanges of seam caps and of all contacting surfaces of roof and car for a reliable weather-tight connection.

Single and Double Sliding and Plug Doors

The corrugated sliding door moves along tracks and covers the door opening. The plug door moves along the track and closes to plug the door opening using a gear mechanism. This creates a flush interior and a tight seal. Plug door applications are used where air-tight or temperature-controlled shipments are required (ex. food, paper, lumber, or wood products).

Replacement Hasps for Sliding Doors

Our hasp features an easy 2-piece welded replacement hasp with a tongue and groove design for damaged sliding door hasp. The ES-173-R1 replaces the ES-160 or ES-173 hasp.

Anti-Spin and Anti-Spin/Anti-Drift Devices

Our Anti-Spin and Anti-Spin/Anti-Drift Mechanisms offer safety and reliability for plug doors to minimize operating lever back-spin and reduce the potential for injury. The new ZR-2000 Anti-Spin/Anti-Drift Mechanism minimizes operating lever spin and the door drifting into the car side when rolling the door. The compact design allows it to be installed under the cover plate, protecting it from the harsh environment. The ZR-2000 can be installed into new doors or retro-fitted into existing doors without changing car width.

Worm Drive Devices

YSD Industries’ patented worm drive device offers enhanced safety and reduced potential for injury. Features include:

- Reducing part numbers from four to one involved in the anti-spin/anti-drift operation
- Anti-spin and anti-drift safety features allow for an easy and secure operation
- Offered on new doors or a retro-fit to existing doors
- Retro-fit can be applied to the door while it is still on the car