

Load Runners  
Steel Industry

osborn®



Built for the toughest  
environments – ***Yours***

# Load Runners were originally designed specifically for the steel industry.

## **For Precision Handling of Heavy Loads in Tough Environments**

Combine the high capacity of Load Runners idler-rollers with high-strength steel Load Rails, cut to length and drilled to your specifications. Eliminate design time and sourcing costs for heavy-duty material handling systems.

### **Every Piece is Designed to Perform**

- Idler-roller treads are machined from high-alloy steel, then case hardened for a wear-resistant outer shell and tough inner core.
- Precision tapered roller bearings (larger sizes) and deep-groove ball bearings withstand heavy radial and thrust loads, as well as high speeds.
- Idler-rollers are tightly sealed and lubricated for life to withstand dirt, sand, and moisture. High-shear-strength studs (stud style) with hex socket for easy installation. Thru-shafts (yoke style) eliminate the need for customer fabrication.
- Load Rails are straight and twist-free, with hardened contact surfaces to insure precise linear motion for your critical applications.

## **Applications**

- Accumulators
- Cut Off Saw Carriages
- Furnace Doors
- Coil Cars
- Trolley Drives

Whether in a pour zone, outside in the elements, or moving steel, we have been working right next to you for over 70 years.

## Products Suited For Your Applications

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### **Plain, V-Groove, Flange, U-Groove**

- Up to 14" OD
- Yoke or Stud Style
- Eccentric and Concentric Mounting arrangements
- High Strength Ball and Tapered Roller bearings for long operation and uninterrupted process
- Made from case hardened 52100 steel

### **Needle Bearing Cam Followers**

- Exceptional radial load carrying capabilities
- Proven robust design
- Up to 8" OD
- Yoke or Stud Style
- Eccentric and Concentric Mounting arrangements

### **Load Rail**

- Optimized Cam Follower and Load Rail to increase operating life and precision linear motion
- Available in lengths up to 144"
- Precision ground and machined surfaces to prevent failure
- Customer specific drill patterns from our factory in Richmond, Indiana for drop in replacement
- Machined ends for multiple sections mounting creating longer track

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**Load Runners is made from USA Steel and manufactured in the USA.**

**Ask us about an extended warranty.**

### **Customizable To Meet Your Application**

- High Temperature grease that allow the Load Runners to maintain optimal operation and prevent bearing seizure
- Upgraded seals to keep contaminants out of the bearings and clean
- Optimized Cam Follower and Load Rail to increase operating life and precision linear motion
- Speak to an Osborn Application Engineer today to help solve your most difficult operating conditions



**A major multiple location foundry company has partnered with our distribution partners to make Osborn Load Runner their quality brand of choice.**

**Reach out directly to your  
Osborn Load Runners distributor or call:**

Osborn Load Runners Customer Service  
(765) 965-5333

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