

# SINGLE AXLE DROP TABLES



#### SAFELY INCREASE THE SPEED OF WHEEL SET CHANGE OUTS WITH A WHITING DROP TABLE

#### Reliable. Robust. Rugged.

Whiting understands the demands of modern railcar maintenance shops. Built to the highest quality standards, Drop Tables continue to run in the harshest conditions.

With flexible design options and an experienced engineering team, Whiting designs each Drop Table to meet the unique application requirements of your facility with a focus on long-term reliability and ease of maintenance.

Drop Tables are assembled and load tested before delivery to make sure all performance specifications are met. This reduces potential complications during installation, and shortens the time needed to complete start-up.

## **OPTIONAL EQUIPMENT**

#### BASCULE & CANOPY RELEASE TOPS



Equipment installations can include a release track top, which can be designed as a lift-off or bascule-type door.

#### **TRACTION MOTOR DOLLY**



The Traction Motor Dolly provides a controlled method to safely position and support traction motors during the removal and replacement of individual wheel sets.

## **KEY FEATURES**



Semi-Automatic or Fully Automatic Table Positioning with Mechanical *(shown)* or Optical Limit Switches



Buttress Thread Lifting Screws Are Designed to Maximize Lift Strength with a Long Service Life



Drop Table Wheel Change Outs are Completed Without Having to Lift the Table Out of the Pit

## **TECHNICAL SPECIFICATIONS**

Hoisting Capacity: Up to 60 Tons

**Hoisting Speed:** Dual Speed for Quick and Accurate Hoisting - 2 Feet Per Minute (Slow) and 5.4 Feet Per Minute (Fast)

Traversing Speed: Up to 27 Feet Per Minute

#### Hoisting & Traversing Motors:

Standard 460 Volt/3 Phase/60 HZ VFD Motors with Motor-Mounted Brakes

Safety: PLC-Based Control System with Interlock Maximizes Operator Safety

Quality Procedures: Welded to AWS D1.1 Standard with Section 6.1 Inspection. Whiting Monitors All Work and Materials Under an ISO 9001:2015 Certified Quality System



Automatic Jack Screw Lubrication System Dispenses Grease to Lifting Screws During Normal Operation



Custom Matched Pair Self-Locking Screw and Nut for Long Service Life with Optional Steel Follower Nut for Added Safety (shown)



Mechanical Drive Lifting System Keeps Table in Absolute Sync with Hoist-Duty Motor



Lifting Beams Use Structural Steel for Strong, Sturdy, and Long-Lasting Performance



## **POST-SALES SUPPORT**

## WHITING REPLACEMENT PARTS



Rail Customers Choose to Work with Our Parts Department Because They Are Here to Have Your Parts Where You Need Them, When You Need Them, and at Competitive Prices.

Learn More at WhitingCorp.com/Parts

### WHITING SERVICES



Our Nationwide Network of Rail Technicians Stand Ready to Support Your Business with Industry Leading Services That Keep Your Equipment Running at Peak Efficiency.

Learn More at WhitingServices.com/Rail

Whiting Corporation Headquarters 26000 Whiting Way Monee, IL 60449 P: (708) 587-2000 F: (708) 587-2001 Sales@WhitingCorp.com www.WhitingCorp.com

