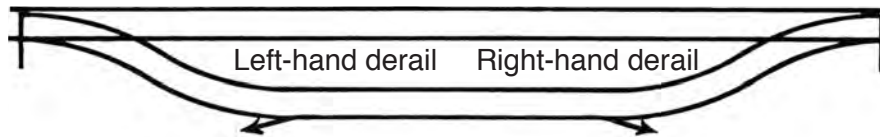




DERAILS

Derails are built to deflect railcars either to the right or the left. When placing an order, it's essential to indicate whether a right-hand or left-hand derail is needed. When facing the direction a railcar will travel before being derailed, a right-hand derail is installed on the right rail and causes the car to veer to the right. A left-hand derail, on the other hand, is placed on the left rail and diverts the car to the left. "Double End" derails are also available, which can function as either left- or right-hand, depending on installation.



Riemsarail's EB and HB derail models come in five different sizes (No. 4 through No. 8). The appropriate size is based on the vertical measurement in whole inches from the top of the rail to the top of the tie. When tie plates are present, their thickness must be added to the rail height to select the correct derail size. Ensure the tie plate ends at the rail base so the derail sits entirely flat—do not place the derail partially on a tie plate. To match the derail size exactly, adjustments may be made by shaving down the tie (adzing) or adding a steel shim beneath the derail. Each derail is designed to fit rails that are up to 1/2" taller or shorter than the designated size, as long as the total height from rail top to mounting surface aligns with an even inch measurement matching the derail number.

Model HRS-100 (with U.P. target)



The High Rise Derail Operating Stand (HRS-100) is mainly a single welded structure and is delivered pre-assembled for quick installation. The only components that may need replacement over time include the target plates, the connecting rod, the lamp tip (if installed), and the 1-inch diameter adjustable eyebolt.

Each HRS-100 unit ships in three parts: the main welded body, a complete connecting rod with clevis ends and pins, and a separate protective box for the target. Total weight: 180 lbs.

The standard version comes with red and white targets, positioned 41-5/8 inches above the tie surface. The model shown at left features a Union Pacific-style purple target with a white "D," mounted at a height of 58 inches. The included adjustable connecting rod measures 8 feet 2 inches, setting the center of the target staff 8 feet 10-1/4 inches from the track centerline.

- Ergonomic design
- Allows movement of sliding derail without bending or stooping
- Handle: 34" above top of tie
- Stroke adjusts for any sliding derail
- Stand can be pad-locked in on and off-rail position

When ordering specify:

1. Target colors if other than standard
2. Connecting rod length if other than standard
3. Lamp tip dimensions if other than AREMA standard