Derail Operating Stands

Available in 3 Models:
- Standard two-tie operating stand
- Close coupled operating stand
- High rise operating stand

Simple, rugged device forged and welded from 3/4 inch steel plate is used for throwing the derail block of a sliding derail on and off the rail. Unit's stroke is adjustable for any derail. Vanes are made of 14 gauge sheet steel, formed to fit the staff. Hole vane is enameled red. Solid vane is white. Vanes are bolted to the staff through channel washers that hold the vanes in correct positions. All operating stands may be padlocked. Lamp tips are made of cast gray iron and furnished on an individual basis that is correct for the road using the stand.

Two-Tie Operating Stand
Illustrated above and at below right. Permits easy hand operation and readily indicates on-rail or off-rail position. Top of 1-1/4 inch staff is 17 inches above the tie.
Closed Coupled Operating Stand

Operating Stand Close Coupled To Model HB
Staff cut off 1/2 inch above base forging for clearance. Top of shoe can be painted bright color so position of derail shoe, on-rail or off-rail is readily indicated. Connecting rod is 37 inches long. No long ties are required.

Target Stand
For use with any derail except portable model.
Used only to indicate on or off position of derail. Cannot be used to throw a derail. Rugged, solid steel plate construction. Throw adjustable for stroke of any derail. Lamp staff, vanes and lamp tip are same as used on Operating Stand.

Specifications:

<table>
<thead>
<tr>
<th>Operation Stand</th>
<th>Vanes</th>
<th>Connecting* Rod</th>
<th>Lamp Tip</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 2-Tie</td>
<td>14 Gauge Enameded Red &amp; White</td>
<td>5'-2&quot;</td>
<td>Cast Gray Iron</td>
<td>90 lbs</td>
</tr>
<tr>
<td>Close-Coupled</td>
<td>--</td>
<td>3'-1&quot;</td>
<td>--</td>
<td>76 lbs</td>
</tr>
<tr>
<td>Target Stand</td>
<td>14 Gauge Enameded Red &amp; White</td>
<td>Furnished to fit Specific Derail Used</td>
<td>Cast Gray Iron</td>
<td>35 lbs</td>
</tr>
<tr>
<td>High Rise</td>
<td>14 Gauge Enameded Red &amp; White</td>
<td>8'-2&quot;</td>
<td>Cast Gray Iron</td>
<td>180 lbs</td>
</tr>
</tbody>
</table>

Ordering Information
Standard vanes are red and white unless otherwise specified. Reflectorized vanes available at additional cost. If special lamp tips are required specify length of taper, width of top and width of base parallel to stop vane. Similar dimensions at right angles to stop vane are required.

* Connecting Rods available in 1 inch or 3/4 inch depending upon application
High Rise Derail Operating Stand

Model HRS-100

The High Rise Derail Operating Stand is primarily a one piece weldment and is shipped assembled ready for installation. The only replaceable parts are the targets, connecting rod, lamp tip (if used) and the adjustable 1 inch diameter eyebolt.

Each HRS-100 is shipped in three pieces; the primary welded unit, one connecting rod complete with adjustable clevis ends and pins, and a protective carton for the target vanes.

The target vanes are normally placed centered, 41-5/8" above the top of the ties. Other heights can be accommodated at nominal cost, if specified.

Standard units equipped with:

1. Red and White targets
2. Adjustable connecting rod 8'-2"
   (this places center of target staff 8'-10-1/4" from center of track)

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 AREA standard

Tests conducted at our plant show that a Model HB Derail with a Derail Wheel Crowder can be operated with less than 30 pounds pull effort.

Shipping weight is approximately 180 pounds.

Order Derail separately. Specify HB right hand or left hand; HBXS double throw. Specify size of rail section on which derail will be used.