UNIQUE DIAMOND RAIL track and matching trolleys allow tools or control boxes to follow assembly line or conveyor path. Curved sections with 3 ft. (0.9m) radius form 90˚ corner and connect to other curved or straight track sections for smooth, non-stop trolley movement. Design and build your own system from components shown below. Threaded hangers may be hung from overhead beams or from WS50 rail using standard track nut. Trolleys include safety flanges to prevent fall if rollers fail.

#WSD-SA SPLICE ANGLE KIT
Includes splice angles and hardware. One bolt also serves as hanger and includes track nut which fits WS50 or WA50 rail. Can also be hung from other suitable supports.
NOTE: To hang rail lower, substitute longer bolt or threaded rod (by others).

#WSD-T06R or WSD-U36R CURVED TRACK SECTION
3 ft. (0.9m) radius

TYPICAL INSTALLATION
TOP VIEW

COMPONENT CHART

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>FINISH</th>
<th>MODEL NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1.8m) STRAIGHT TRACK SECTION</td>
<td>BEIGE POLYESTER</td>
<td>WSD-T06</td>
</tr>
<tr>
<td>90˚ x 36” (914mm) radius CURVED TRACK SECTION</td>
<td>UNFINISHED</td>
<td>WSD-U06</td>
</tr>
<tr>
<td>SPLICE ANGLE KIT includes (2) angles, hanger bolt, splice bolt, nuts &amp; washers</td>
<td>ZINC PLATED</td>
<td>WSD-SA</td>
</tr>
<tr>
<td>END STOP KIT (right, top) includes end stop, hanger bolt, nuts &amp; washers</td>
<td>ZINC PLATED</td>
<td>WSD-ES</td>
</tr>
<tr>
<td>TROLLEY-LABYRINTH TOOL HOOK</td>
<td>BLACK POLYESTER</td>
<td>WSD-BTL</td>
</tr>
<tr>
<td>FESTOON TRAILER TROLLEY*</td>
<td>BLACK POLYESTER</td>
<td>WSD-RC12</td>
</tr>
</tbody>
</table>

* FESTOON TRAILER TROLLEY (right, bottom) provides easy management of cord or hose supplying power to tool. Fits cable or hose 0.60–0.94” (15–24mm) diameter. Tow cable connecting tool trolley to trailer trolley should not exceed 24” in length.
250 lb. CAPACITY RAIL
FOR THOSE HEAVY DUTY APPLICATIONS

RAIL & HANGER KITS

Designed for large air tool balancers, these tool rail kits are similar to our W3F and W5F tool support kits but much heavier. Must be supported every 6 ft. (1.8m) minimum to maintain full rated capacity.

• The basic tool rail is the key component on which all accessories hang.
• Maximum 250 lb. (113kg) safe load rating.
• Galvanized for maximum corrosion protection.
• Available in 6, 12 and 18 ft. (1.8, 3.6, 5.4m) lengths.
• May be joined for any length.
• Can be mounted on walls, benches, floors, booms, or ceiling.

250 lb. CAPACITY TOOL RAIL KIT includes (1) galvanized steel rail (length per model), (1) heavy duty tool trolley, (2) hanger brackets, and (2) end stops.

WS60-ES END STOP

11 ga. 1.97 (50)
0.63 (16)

WS60 Rail
For loads up to 250 lbs (113kg).

Heavy-Duty Hanger

Use components at right to hang Tool Rail from overhead supports

Hanging a tool rail from an overhead structure may be the best way to put a workstation where it’s needed. 250 lb. capacity hangers, for use with WS60 steel track, are available as individual components only...not as kits. Thru bolts both top and bottom (see photo) act as a safety net. Thru bolts included with the mounting bases. Tool track must be supported every 6 ft.(1.8m) minimum to maintain full rated capacity.

W560-HG HANGER

Supports rail from overhead structures. Does not interfere with free trolley movement. Two mounting holes, .406”(10) sq. for 3/8” carriage bolts

W560-BT TROLLEY

Supported every six feet to preserve 250 lb. capacity and may be joined for any length. Vertical C-60 supports must be field-cut to length to support rail at desired height.

CABLE/HOSE

Use: Hangs/supports WS60 track from overhead beams, joists, or other structures.

SAFETY CHAIN

Strongly recommended, steel link chain prevents balancer or tool rail from accidental fall. Includes clevis both ends.

END CLIP

Zinc plated steel.
USE: Secures WS60-MB mounting base or other flat plates to 3” dia. vertical column.

FESTOON COMPONENTS

Cable/hose
Size Table
0.31”–0.59” o.d. .01
0.60”–0.94” o.d. .02
0.95”–1.25” o.d. .03

HORIZ. C-60 TRACK

Length to suit.

VERTICAL C-60 TRACK

Length to suit.

THRU BOLTS FOR SAFETY
(included with base)

USE: Horizontal supports, rail for lateral movement of tools, controls, hoists, etc; up to 250 lbs. (113 kg) maximum total load.

USE: Joins track sections.

USE: Hangs/supports WS60 track from overhead beams, joists, or other structures.

USE: Installs in rail to stop trolley

USE: Supports tools, balance reels, torque reels, push button control stations.

USE: Supports tools, reel, hoists, etc; up to 250 lbs. (113 kg) maximum total load.

USE: Secures cable or hose in festoon system.

USE: Joins track sections.
50 lb. (22.5 kg) CAPACITY

WS50 or WA50 SUPPORT RAIL
(Available separately)
NOTE: MUST BE SECURLEY SUPPORTED EVERY 6’ TO MAINTAIN RATED CAPACITY

ROLLING RAIL MOVES SMOOTHLY ON 24 ROLLERS

TOOL TROLLEY INCLUDED
Balance reel and tool optional extras

72” UNIT SHOWN

ASSEMBLY DETAILS
WS50–10HRP TROLLEY
with SIDE GUIDES
WS50–ETK TOOL TRACK BRIDGE
#WS50-HG HANGER
#WS50-ES END STOP
WS50 RAIL

24.25 (616)

250 lb. (112.5 kg) CAPACITY

WS60 SUPPORT RAIL
(Available separately)
NOTE: MUST BE SECURELY SUPPORTED EVERY 6’ TO MAINTAIN RATED CAPACITY

ROLLING RAIL MOVES SMOOTHLY ON 24 ROLLERS

TOOL TROLLEY INCLUDED

144” UNIT SHOWN

ASSEMBLY DETAILS
WS60 TROLLEY
Includes lateral stabilizing rollers

KITS INCLUDE ALL HARDWARE & BRACKETS REQUIRED FOR ASSEMBLY

#WS60-BT TOOL TROLLEY
#WS60-HG HANGER
#SC-BG1 (2), (3) SAFETY CHAIN with CLEVICES INCLUDED
Both ends

72” UNIT SHOWN

NOTE: For best results, tool rail width should not exceed six times trolley wheelbase. Example: 24”(2 ft.) x 6 = 12 ft.

MODEL CHART

<table>
<thead>
<tr>
<th>in. (mm)</th>
<th>DESCRIPTION</th>
<th>CAPACITY</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>48” (1219) CH. Tool Crane</td>
<td>50 (22.5)</td>
<td>WS60-ET04</td>
<td></td>
</tr>
<tr>
<td>60” (1524) CH. Tool Crane</td>
<td>50 (22.5)</td>
<td>WS60-ET05</td>
<td></td>
</tr>
<tr>
<td>72” (1829) CH. Tool Crane</td>
<td>50 (22.5)</td>
<td>WS60-ET06</td>
<td></td>
</tr>
<tr>
<td>96” (2438) CH. Tool Crane</td>
<td>50 (22.5)</td>
<td>WS60-ET09</td>
<td></td>
</tr>
<tr>
<td>144” (3658) CH. Tool Crane</td>
<td>250 (112.5)</td>
<td>WS60-ET12</td>
<td></td>
</tr>
</tbody>
</table>

For best results, tool rail width should not exceed six times trolley wheelbase. Example: 24”(2 ft.) x 6 = 12 ft.

Heavy Duty Rolling Rail mounts in two parallel rails, which must be supported every 6’ (1.8m) to maintain rated capacity. Recommended distance between support rails is length of tool rail less 12” (305mm). MAXIMUM RATED CAPACITY OF ROLLING RAIL includes tool, balancer, and attachments.

50 lb. Capacity Rolling Tool Rail includes (4) WS50–10HRP plain trolleys, (2) WS50–ETK tool track bridges, (2) WS50–HG hanger brackets, (1) WS50-BTL tool trolley, (2) WS–EP end caps, (2) WS50–ES end stops, (1) WS50 tool rail (length per model) and all assembly hardware.

250 lb. Capacity Rolling Tool Rail includes (4) WS60–FT trolleys, (2) 2” x 4” steel tool track bridges, (2) WS60–HG hanger brackets, (1) WS60-BT tool trolley, (2) WS60–ES end stops, (1) WS60 tool rail (length per model), (1) WS60 reinforcing rail (144” unit only), (2) safety chains, assembly brackets and hardware.