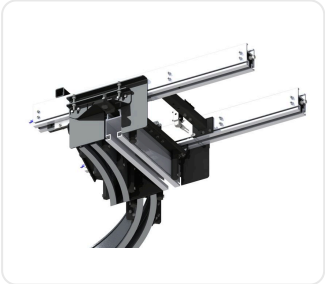
Switch Track



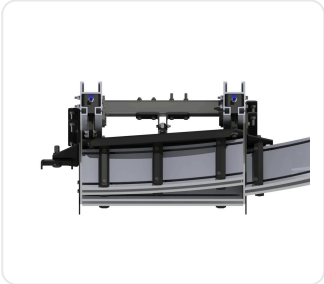
RAD Series Switch Track Rail



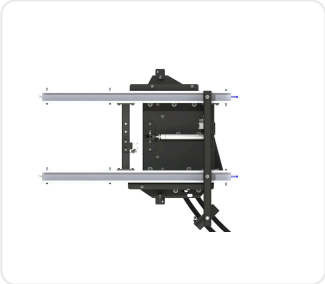
Knight Global RAD Series Switch Track Rail



ISO view - RAD switch track



Side view - RAD switch track



Top view - RAD switch track

Pneumatically Operated Switch Track

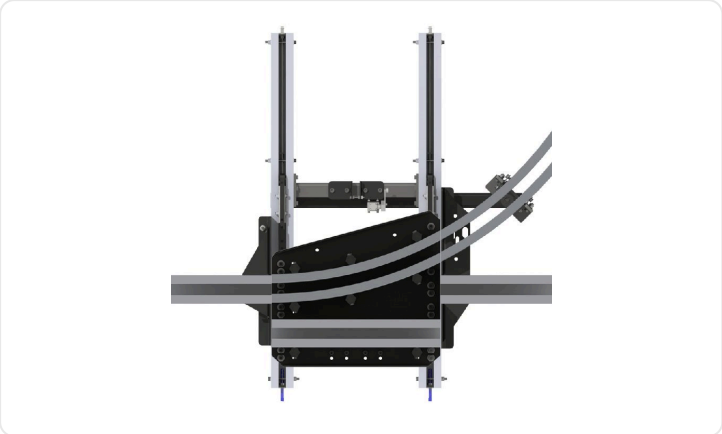
Series: RAD6110 Switch Track

The Knight Global **RAD Series Switch Track Rail** transfers tooling between work areas **without the need for cranes or forklifts** or dismantling the system. It is a pneumatically operated rail system that can be controlled from the **handle controls on the tooling** or from a **pendant switch** below the switch track.

The product is designed for the **RAD6110** rail system. Each RAD Series switch track is a **custom design** built for the customer's specific application. Any Knight Global trolley can run inside the switch track **without special end trucks**.

***Note:** This product is custom-designed for each application. For a configuration suited to your project, please contact a FULLSHARP representative.

Operation Simulation



RAD Switch Track Rail Operation Simulation

Features & Benefits

Features

- Transfers tooling between **workstations**.
- **Pneumatically** operated.
- For the **RAD6110** rail system.
- Controlled from the **tooling handle** or a **pendant switch**.
- **Custom** designed for each specific application.

Benefits

- Any **Knight Global trolley** can run inside the switch track.
- **No** special end trucks required.
- Saves changeover time between production stations.
- Reduces investment in auxiliary cranes and forklifts.
- Increases production line flexibility.

Key Specifications

Item	Value
Product	RAD Series Switch Track Rail
Compatible rail	RAD6110
Operation	Pneumatic
Control	Tooling handle or pendant switch
Load type	Direct load

Item	Value
Design	Custom, per application
Compatible trolleys	All Knight Global trolleys

Compatible Rails: RAD4110 / RAD6110 / RAD7510



Extended Ball-Rod I-Beam Hanger (2"-7" flange) MRHS40471 Height-adjustable hanger for direct loading. Suspends RAD4110/RAD6110/RAD7510 rail systems. Supported flange width: 51-178mm. Max. I-beam flange thickness: 7/16" (11mm). Includes 1 ft of threaded rod, 2 lock nuts and 2 spring clips. Weight: 4.63 kg [10.2 lbs] RAD4110 · RAD6110 · RAD7510



Extended Ball-Rod I-Beam Hanger (7"-11" flange) MRHS40511 Height-adjustable hanger for direct loading. Supported flange width: 178-279mm. Max. I-beam flange thickness: 7/16". Includes 1 ft of threaded rod, 2 lock nuts and 2 spring clips. Eco-friendly corrosion-resistant coating (Autophoretic ACC 900®). Weight: 5.13 kg [11.3 lbs] RAD4110 · RAD6110 · RAD7510



Ball-Rod I-Beam Hanger (2"-7" flange) MRHS40361 Height-adjustable hanger for direct loading. Flange width: 51-178mm. Max. I-beam flange thickness: 7/16". Includes 1 lock nut and 1 spring clip. Optional RWA4133 safety cable. Weight: 4.17 kg [9.2 lbs] RAD4110 · RAD6110 · RAD7510



Ball-Rod I-Beam Hanger (7"-11" flange) MRHS40431 Height-adjustable hanger for direct loading. Supported flange width: 178-279mm. Max. I-beam flange thickness: 7/16". Includes 1 lock nut and 1 spring clip. Weight: 4.54 kg [10.0 lbs] RAD4110 · RAD6110 · RAD7510



I-Beam Hanger (2"-7" flange) MRHS40384 For direct or offset loading. Vertical adjustment up to 50.8mm (6.35mm increments). Supported flange width: 51-178mm. Max. I-beam flange thickness: 5/8" . Supporting steel can run perpendicular or parallel to the Knight rail. Weight: 6.33 kg [13.9 lbs] RAD4110 · RAD6110 · RAD7510



Extended I-Beam Hanger (2"-7" flange) MRHS40385 For direct or offset loading. Vertical adjustment up to 50.8mm (6.35mm increments). Supported flange width: 51-178mm. Max. I-beam flange thickness: 7/16". Autophoretic ACC 900® corrosion-resistant coating. Weight: 7.75 kg [17.1 lbs] RAD4110 · RAD6110 · RAD7510



Short Stack I-Beam Hanger (perpendicular to I-beam, 2"-7" flange) MRHS40771 For direct or offset loading. Supported flange width: 51-178mm. Max. I-beam flange thickness: 7/16". Fixed-height hanger. Supporting steel must run perpendicular to the Knight rail. Weight: 7.14 kg [15.7 lbs] RAD4110 · RAD6110 · RAD7510



Short Stack I-Beam Hanger (perpendicular to I-beam, 7"-11" flange) MRHS40781 For direct or offset loading. Supported flange width: 178-279mm. Max. I-beam flange thickness: 7/16". Fixed-height hanger. Weight: 8.29 kg [18.3 lbs] RAD4110 · RAD6110 · RAD7510



Short Stack I-Beam Hanger (parallel to I-beam, 2"-7" flange) MRHS40821 For direct or offset loading. Supported flange width: 51-178mm. Max. I-beam flange thickness: 7/16". Fixed-height hanger. Supporting steel runs parallel to the Knight rail. Weight: 3.63 kg [8.0 lbs] RAD4110 · RAD6110 · RAD7510



Extended I-Beam Hanger (7"-11" flange) MRHS42182 For direct or offset loading. Vertical adjustment up to 38mm (6.35mm increments). Supported flange width: 178-279mm. Max. I-beam flange thickness: 5/8". Weight: 6.61 kg [14.6 lbs] RAD4110 · RAD6110 · RAD7510



I-Beam Hanger (7"-11" flange) MRHS42184 For direct or offset loading. Vertical adjustment up to 50.8mm (6.35mm increments). Supported flange width: 178-279mm. Max. I-beam flange thickness: 5/8". Supporting steel can run perpendicular or parallel to the Knight rail. Weight: 7.07 kg [15.6 lbs] RAD4110 · RAD6110 · RAD7510



Extended I-Beam Hanger (7"-11" flange) MRHS42185 For direct or offset loading. Vertical adjustment up to 50.8mm (6.35mm increments). Supported flange width: 178-279mm. Max. I-beam flange thickness: 5/8". Weight: 9.10 kg [20.1 lbs] RAD4110 · RAD6110 · RAD7510



V-Sway Brace (2"-7" flange) MRWS40161 Stabilizes RAD4110/RAD6110/RAD7510 rail systems. Supported flange width: 51-178mm. Use when the hanger threaded rod length is 0.6m or more. Max. I-beam flange thickness: 7/16". Includes 6 lock nuts. Weight: 3.95 kg [8.7 lbs] RAD4110 · RAD6110 · RAD7510



V-Sway Brace (7"-11" flange) MRWS41431 Stabilizes RAD4110/RAD6110/RAD7510 rail systems. Supported flange width: 178-279mm. Use when the hanger threaded rod length is 0.6m or more. Max. I-beam flange thickness: 7/16". Includes 6 lock nuts. Weight: 4.45 kg [9.8 lbs] RAD4110 · RAD6110 · RAD7510

Technical Documents

Brochure

- Rail Brochure - Rail Series Overview PDF
- Switch Track Brochure PDF

Manuals

- Aluminum Rail Technical Manual PDF
- Aluminum Rail Technical Manual (Portuguese) PDF

Installation Guides

- Aluminum Rail General Standards for Materials & Design Process PDF
- Aluminum Rail Installation Checklist PDF
- Eye Bolt Safety Cable Installation Instructions PDF
- Safety Cable Installation Instructions - End Trucks, Hangers, Trolleys PDF

FULL-SHARP AUTOMATIZED VN (FULLSHARP)
Authorized distributor of Knight Global aluminum rail and lifting equipment in Vietnam
For a RAD6110 switch track rail configuration suited to your project, please contact a FULLSHARP representative for a quotation and detailed design drawings.

Contact us for consultation and a quotation

Vietnam factory: Workshop A1-1, VSIP Hai Phong, Nam Trieu Ward, Hai Phong City · +84 817 888 198
Taiwan factory: Zhongli District, Taoyuan City · +886 3-451-8806
Email: sales@fullsharp.com.vn · **Website:** www.fullsharp.com

Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.