

RIB SEAT RAIL SYSTEM

A Better Rail System for Mounting Shock Mitigation Seats

This system is specifically designed for the marine environment, giving you a flexible cockpit layout with fast, hassle-free reconfiguration.

We tested this system over 19.61 kN to meet HSC regulations.



Endstops

- Removable pinstop end allows seats to come off rail
- Low-profile endstop for smooth, snag-free end



Installation and maintenance

Flush clean with fresh water and mild detergent. To reduce friction further, use McLube® high-performance dry lubricant. Do not use oils or greases.

For added protection against corrosion, Harken UK recommends using Tef-Gel® corrosion eliminator on the fasteners when installing the rail.

McLube is a registered of McGee Industries.
Tef-Gel is a registered trademark of Ultra Safety Systems, Inc.
Delrin is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates.

How does it work?

Seats are mounted on four trolleys that run on parallel rails. Two of the trolleys have pinstops that locate into the holes in the rails. Two trolleys are free sliding.

To adjust the trolley location, simply raise the two pinstops and slide to new location.

Trolley design

- Strong – tested to over 19.93 kN
- Adaptable – can be fitted to dive tank racks, weapons racks, deck boxes etc.
- Compact – only 33 mm wide; minimum intrusion on cockpit sole
- Black hardcoat-anodized; maximum corrosion resistance

Rail design

- High strength 6061-T6 aluminum low-profile rail—only 22 mm
- Hardcoat-anodized for maximum protection
- 33 mm pinstop hole spacing for maximum flexibility in seat spacing
- Countersunk M5 fasteners for flush fitting
- Underside of rail recess for mastic sealant

Delrin® insulating sliders

- No metal-to-metal contact
- No lubrication required
- Low friction
- Smooth movement
- Minimum rattle



Spring mounted pinstops

- Secure seat location
- Quick and easy adjustment



Part No.	System Component
2751	Rib rail (various lengths available)
E2200	Endstops (to limit trolley removal, sold in pairs)
2722	Trim caps (to allow trolley removal, sold in pairs)
IN120	Trolley with pinstop (formally HSB423)
IN121	Trolley without pinstop (formerly HSB512)