



DESIGN REGISTERED - NO. 201014628

## RAPTOR® OVERHEAD RAIL FALL ARREST SYSTEM

Raptor Overhead Rail is a proprietary fall arrest system suitable for multiple users. The overhead rail is a rigid system providing continuous and effective fall protection used above a work area and for façade access, for general maintenance and cleaning requirements. The system incorporates high quality engineered components designed for use in commercial and industrial applications.

- > Uninterrupted, smooth functionality using proprietary ball bearing trolley system
- > Minimal deflection of rail, minimising fall distance and injury to operator
- > Increased number of users per rail system due to rigid, engineered system
- > Neat and unobtrusive, option for powder coating to blend in with surrounds
- > Easily extended should system application require

### SPECIFICATION CODE

Raptor Overhead Rail System (OH250) – Universal Mount

### Specification Summary

Supply and install the Raptor Overhead Rail System as per manufacturer, Sayfa Systems, recommendations. The Raptor Overhead Rail System is to incorporate the proprietary ball bearing trolley unit including all connectors, attachment brackets and appropriate fixing method to support structure. Installed system to provide free movement of operator, ensuring no interference with surrounding equipment and machinery. Operator must be attached to the Raptor Overhead Rail System via a Fall Arrest device with Energy Absorber. The Raptor usage and maintenance signage must be visible at all times. (Refer instruction manual.)

### System Applications

- > Overhead fall protection for workmen performing tasks above a work area such as maintenance of vehicles, aircraft and rolling stock
- > Mobile suspension system for accessing building façades and windows for maintenance and cleaning activities
- > User friendly, providing high level of workmen safety and confidence in all commercial and industrial applications

### Technical Data

#### Material

Rail – profiled aluminium  
Trolley – stainless steel including 3 ball bearing sets  
Mounting – profiled stainless steel and/or aluminium

#### Weight

4.5kg/per linear metre

### Fixings and Attachment

Steel fixing – M12 bolt or threaded stud  
Concrete fixing – M12 mechanical concrete anchor  
Note: Various bracket configurations available.  
(Refer instruction manual.)

### Working Load Limit

- Single person use – 180kg per trolley (user/equipment)
- > Up to 2 users per span (refer span table)
  - > Maximum horizontal pitch for safe use – 3°
  - > Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation

- > Raptor Overhead Rail System must only be used with the proprietary trolley unit and harness system/ fall arrest device with energy absorber as per AS/NZS1891.1:2009 and AS/NZS1891.4:2009
- > Standard rail span – 4000mm
- > Extended rail span using Raptor Longspan™ section – 6000mm

### Compliance

Raptor Overhead Rail is designed to comply with Australian Standards AS/NZS1891.2:2001, AS/NZS1891.4:2009 and relevant statutory OHS Codes of Practice/Guidelines.  
(Refer instruction manual.)

### Testing

Testing and performance based on requirements of Australian Standard AS/NZS1891.2:2001 and AS/NZS1891.4:2009.

### Product Warranty

3 years from date of purchase subject to correct installation, use & maintenance in accordance with manufacturer's specifications and recommendations.  
(Refer instruction manual.)

### Inspection and Maintenance

Inspection and certification every 12 months by a height safety equipment inspector in accordance with manufacturer's specifications and requirements of Australian Standard AS/NZS1891.4:2009 Section (9).  
(Refer instruction manual.)

### Important Note

Failure to supply and/or install proprietary product in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

### Technical Support

#### Sayfa Systems

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*Designed and manufactured by Sayfa Systems  
20.04.2011*