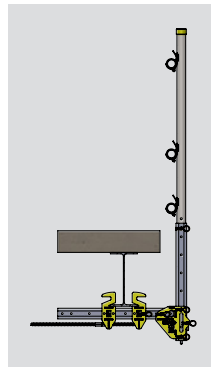


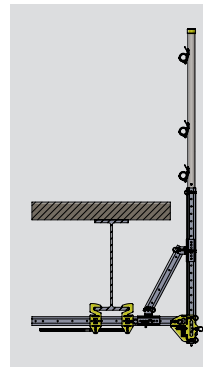
INTAKS® I-Beam Edge Protection System



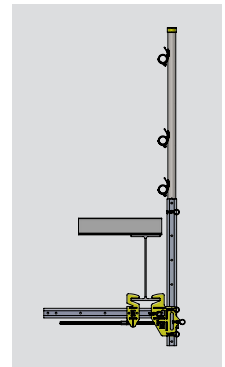
OVERVIEW



I-BEAM OFFSET



I-BEAM OFFSET
BRACE



I-BEAM FIXED

The INTAKS® I-Beam Edge Protection system provides a unique solution to the challenge of installing edge protection on I-beams. Light but strong, adjustable and easy to understand and use, this system will reduce time delays on your site, with no compromises on safety.

FEATURES & BENEFITS:

- Fast and simple on-site assembly.
- Up to 3.6m spans between handrail posts.
- Bracing options available to limit horizontal deflection.
- Two or three handrail configurations available.
- Handrail height adjustable.
- Handrail distance from I-beam adjustable.
- Top handrail maximum height of 1800mm from I-beam (with brace) or 1600mm (without brace); greater heights possible if braced.
- Threaded Rod has two nuts for safety.
- INTAKS® Lock Pin & R-Clip and Spring Clip mechanisms allow for visual inspection of correct installation.
- Neat and tidy on-site appearance.
- Modular components may be re-used in other configurations – no need to purchase a completely separate edge protection system.
- Far superior safety and labour efficiency characteristics compared to traditional tube and clip I-beam edge protection.

INTAKS® I-Beam Edge Protection System



SYSTEM APPLICATIONS:

- Quickly and easily install edge protection on I-beams of different sizes and with or without floor overhangs.

INSTALLATION PROCESS:

1. Brackets, Standard Arm and Threaded Rod pre-assembled using the tool-less INTAKS® Lock Pin & R-Clip mechanism.
2. Pre-assembled unit is positioned on the I-beam and clamped into position by tightening the Threaded Rod.
3. Handrail Post and Standard Arm then attached using the INTAKS® Lock Pin & R-Clip mechanism.
4. Handrails secured to Handrail Posts using the tool-less INTAKS® Spring Clip mechanism.
5. Installation can be done from the safety of the ground before the I-beam is craned into place, or from an elevated working platform or scissor lift.
6. Indicative install time: 15 metres can be installed in around 5 minutes working on the ground (following pre-assembly of handrail posts and brackets).
7. Dismantling process is simply the reverse to the installation.

COMPONENTS:

For handrail:

- Handrail Tube (part #HR4 to HR#6)
- Handrail Joiners/External Sleeve Couplers (part #1165/#SES)
- Fixed 90° Couplers (part #SFC) and/or Swivel Couplers (part #SSC) – for joining handrails at corners

For each post:

- 1 x Handrail Post/Swivel Handrail Post (part #1101/#1102)
- 2 x Beam Brackets (part #1154) and/or Fixed Beam Bracket (#1156)
- 1 x Threaded Rod (with 2 x Lock Nuts) (part #1245/#1260/#1275)
- 2 x Standard Arms (part #1172 to 1177)
- 1 x H-Frame Bracket (part #1150)
- 6 x Lock Pins (part #1182)
- 6 x R-Clips (part #1900)

Note: components required will vary depending on set-up and site-specific requirements.

FASTENING TO STRUCTURE:

1. No fasteners are required.
2. Beam Brackets clamp directly to an I-beam that is fully and properly secured to the building frame and is otherwise adequate to support the edge protection.

MATERIALS:

1. Handrail Posts, Handrails, Standard Arms – high strength, durable, light, T6 temper aluminium extrusions.
2. Beam Brackets – zinc passivated and powder coated 5mm mild steel.

WEIGHT:

- Nominal weight is 5.4kg to 7.6kg/linear metre, depending on set-up and whether bracing is required.

COMPLIANCE:

1. Designed and tested for static loadings: may be used as edge protection for a flat surface or up to a maximum roof slope of 15 degrees.
2. Configuration has been tested and independently verified to AS/NZS 4994 Temporary edge protection standard.
3. May be installed and dismantled by workers who hold the required competencies, but a scaffolder's certificate is not required.
4. Installation and dismantling must be completed by a competent person in accordance with the latest version of the INTAKS® Guidelines.

CONFIGURATIONS:

1. I-Beam/Offset
2. I-Beam/Offset Brace
3. I-Beam/Fixed

Important Note: All statements, technical information and recommendations contained in this document are based on information, tests or experience that INTAKS believes are reliable. However many factors beyond INTAKS' control can affect use and performance of an INTAKS® system in a particular situation. Scaffolding and edge protection requirements will vary depending on site specific factors. Since the conditions under which scaffolding and edge protection is installed are uniquely within the installers' knowledge and control, it is essential that the installer evaluates the INTAKS® system to determine whether it is fit for the intended purpose. INTAKS does not warrant that installations shown in photographs comply with current regulatory requirements, which may have changed since the photographs were taken. Photographs should not be relied on for guidance by installers. Installation of components by a non-competent person or installation that is not in accordance with current INTAKS® Guidelines voids system compliance certification.

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