



TECHNICAL DATASHEET

EDGE BEAM ROLLER Anchorage Solution

Roller Beam Anchor

STANDARD: CONFORMS TO EN 795:2012 TYPE B, ANSI Z359.18-2017 TYPE A

Product Introduction:

- The Beam Roller Anchor is a versatile, portable anchorage device designed to provide a secure connection point for fall arrest and rope access systems. Engineered to glide smoothly along structural I-beams, it allows workers continuous mobility without the need to disconnect and reposition their fall protection equipment. Built from high-strength, lightweight materials, this anchor ensures ease of installation, durability, and reliable performance for construction, maintenance, and industrial applications.



Features:

- **Design:** Wheel mounted and glides effortlessly along with the beam and provide horizontal mobility.
- **Anchorage connection:** Edge beam rollers have an integral D-ring that provides an anchorage connection point for shock absorbing and self-retracting lanyards.
- **Adjustable flanges:** edge beam rollers have adjustable flanges that can be used on different beam sizes.
- **Corrosion resistance:** Made up with highly corrosion resistance material increase the overall lifespan of the product.
- **Portability:** mobile device so easily transportable, hence it requires less effort during installation also it can be dismantled and moved quickly.

Product Specifications:

Model	: EDGE BEAM ROLLER
Material	: Aluminium & brass
Breaking Strength	: 23 kN (Minimum)
Safe Working Load Limit	: 140 kg
Fixing Range	: 76mm to 300mm
Net Weight	: 3.3 kg

Benefits:

- **Smooth movement:** Wheel base device provide smooth movement over the beam.
- **Safe anchorage:** Provides a strong and reliable anchorage point for securing fall protection systems.



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Applications:

- Provides a **secure anchorage point** on structural I-beams for fall arrest and restraint systems.
- Ideal for **construction and steel structure work** such as bridges, towers, and high-rise buildings.
- Used in **industrial maintenance** in oil & gas plants, power plants, factories, and warehouses.
- Suitable for **rope access operations** during building cleaning, inspection, and repairs.
- Enables safe work positioning in **temporary or permanent anchorage setups**.
- Any elevated horizontal workspace with compatible I-beam lacking permanent or fixed anchor points.

Industries:

The Edge Beam Roller is essential for creating a temporary anchorage point for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.



Safety Information:

- **Fall Protection Only:** Use exclusively as a personal fall protection anchorage; never use for material lifting or towing.
- **Training Requirement:** Ensure all users are trained and competent in fall protection and anchorage system use.
- **Environmental Caution:** Avoid installation on beams with oil, grease, or environmental damage that could compromise grip.

Usage Instruction:

- **Inspections:** Conduct periodic inspections and remove from service if any defect is found.
- **Loading:** The Beam Roller should not be loaded beyond their rated capacity.

Storage:

- Always the Edge Beam Roller should be stored in a dry area away from ultra violet rays and moisture. It should not store in direct /high heat or sunlight as this may distort the colour. The anchor point can be stored and transported in their cartons to avoid corrosion due to atmospheric moisture, excessive heat or cold.