

TECHNICAL DATASHEET

FIXED BEAM ROLLER Anchorage Solution

Fixed Beam Anchor

Product Introduction:

- Fixed Beam Anchor is a temporary transportable anchor device, which provides an anchorage point while being attached safely onto a beam, without penetrating it. The beam anchor arm has flanges made of brass, and is adjustable to suit different beam sizes.
- Once installed, the D-ring on the aluminium bar of the beam anchor can be used for connection with a variety of connectors for suitable anchorage.



Features:

- Design:** The wheels of the trolley provide extremely smooth movement along the beam over which it is mounted.
- Physical parameters:** Robust & durable casing made from high impact aluminium alloy.
- Anchorage connection:** This trolley facilitates uninterrupted and secure anchorage by enabling the anchor point to move seamlessly along the entire length of the beam, ensuring continuous support for the user.
- Adjustment:** Available with adjustable flanges for use on different beam sizes.
- Corrosion resistance:** Highly corrosion resistant.
- Installation:** As per design the Fixed Beam Anchor is easily transportable, hence it requires less effort during installation also it can be dismantled and moved quickly.

Product Specifications:

Model:	FIXED BEAM ROLLER
Material:	Aluminium & brass
Breaking Strength:	23 kN (Minimum)
Safe Working Load Limit:	140 kg
Fixing Range:	76mm to 300mm
Net Weight:	2.3 kg

Benefits:

- Smooth movement:** Some edge beam rollers have wheels that provide smooth movement over the beam.
- Deflection:** Fixed beams have less deflection than simply supported beams for the same loading.
- Bending moment:** Fixed beams have a lower maximum bending moment than simply supported beams for the same loading.
- Slope:** The slope at both ends of a fixed beam is zero.
- Resistance:** Fixed beams are highly effective at resisting bending moments.

Standard: Conforms to EN 795:2012 Type B, ANSI Z359.18-2017 Type A



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Applications:

- **Construction:** A Fixed Beam is a beam that is fixed at both ends, preventing rotation and movement. It is used in construction for its strength and rigidity, and to limit deflection. Fixed beams are commonly used in large buildings and multi-span bridges.
- **Working at Height:** The Fixed Beam Anchor is used whilst working at heights, it is secured to a strong beam structure for creating the temporary anchorage point.

Industries:

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



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



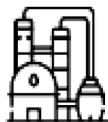
Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- **Handling:** The Fixed Beam Roller will not be loaded beyond their rated capacity. It Should be handled with care.
- **Precaution:** The Anchor Point should be securely attached to their loads.

Usage Instruction:

- **Inspection:** The Fixed Beam Anchor should be inspected each day prior to use. Damaged or defective Anchor Point should be removed from service immediately after inspection.

Storage:

- Always the Fixed Beam Anchor 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.

