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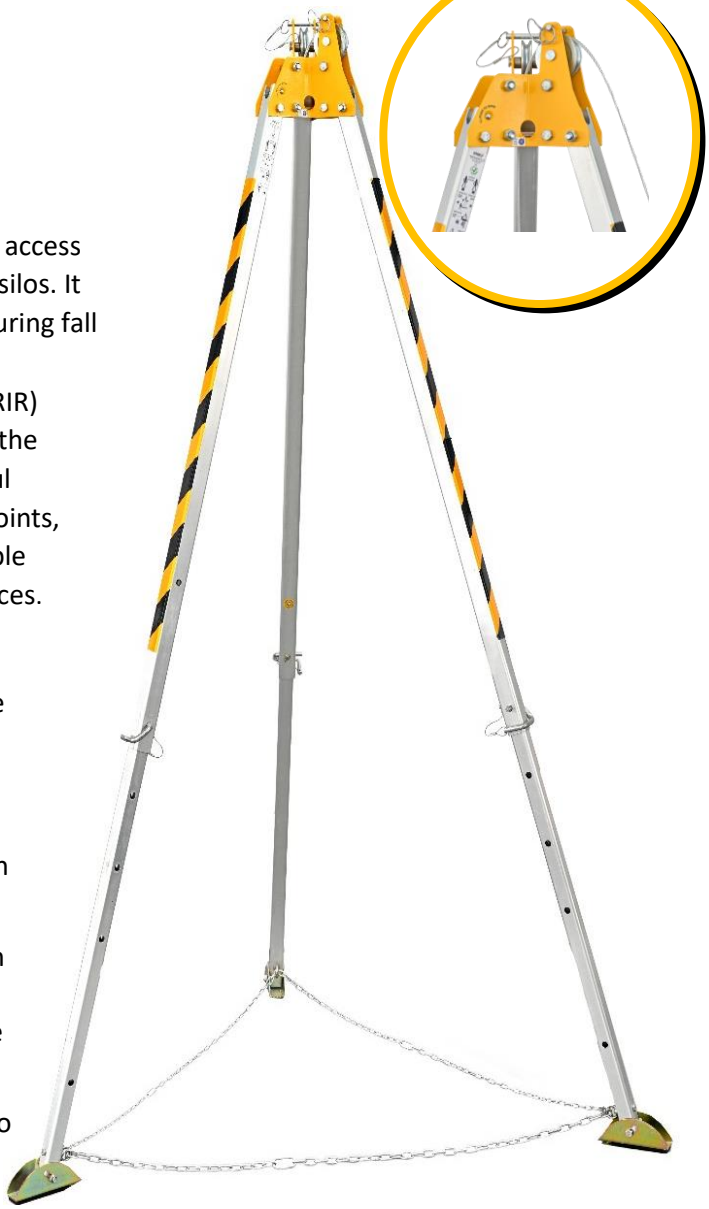
TECHNICAL DATASHEET

EDGE 212
Anchorage Solution

Rescue Tripod



STANDARD: EN 795:2012, (TYPE- B) CE *CEN/TS 16415:2013*

Product Introduction:

- The Rescue Tripod offers a safe and controlled method for access and egress in confined spaces such as manholes, tanks, or silos. It allows workers to ascend and descend securely, while ensuring fall protection in the event of fall.
- Tripods serve as anchor points for Retrieval Inertia Reels (RIR) during confined space rescue operations. The RIR absorbs the energy of a fall, controlling descent and preventing harmful sudden stops. Udyogi Tripods function as mobile anchor points, offering a secure and stable connection for the RIR to enable safe and controlled retrieval of workers from confined spaces.

Features:

- **Design:** Two mounted pulleys are there at the head of the Tripod in the extension of the main leg for passing a cable. Having two holes as attachment points and can be used simultaneously.
- **Tripod Head:** The Tripod head is made up of high strength IS 2062 steel that is golden yellow powder coated.
- **Tripod Legs:** The Tripod legs are made up of high strength aluminium alloy.
- **Attachment Points:** Two attachment points are available in the Tripod that can be used simultaneously.
- **Stability:** Steel support-shoes provided with rubber sole to increase friction and impart more stability.
- **Installation:** As it is light-weight and durable it is easy to carry, install and transport. Also less time requires to dismantle it.

Product Specifications:

Model	:	EDGE 212
Material	:	High strength steel and aluminium alloy
Breaking Strength	:	15 kN (Minimum)
Safe working load	:	250 kg
User	:	2 persons (Maximum)
Working Height	:	2100 mm (Maximum)
Adjustable Height	:	From 1400 mm to 2100 mm
Wheelbase Footprint Ø	:	1000 mm to 1500 mm
Weight	:	17 kg (Approx.)

Benefits:

- **Ease of use:** Tripods are simple to set up and operate. A single worker can set up a tripod.
- **Portability:** Tripods are lightweight and can be easily transported to different work sites.
- **Adaptability:** Tripods can be adjusted to meet different rescue applications.

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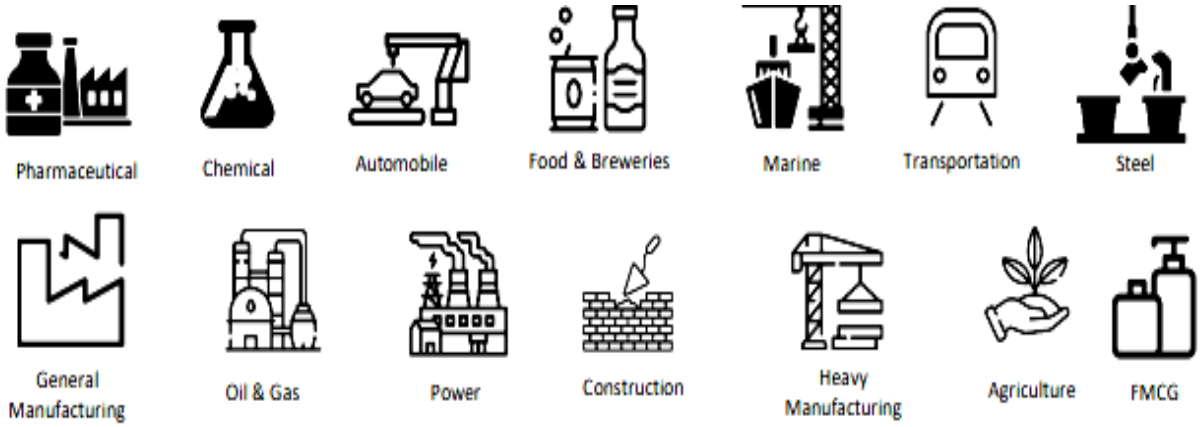
Tripod

Applications:

- **Confined Space Working:** Winches paired with tripods are widely used in confined space entry and rescue operations due to their versatility and ease of use.
- **Construction:** Rescue tripods are used to provide safe access and retrieval in elevated spaces such as shafts, manholes, and tanks. They serve as portable anchor points for lifting, lowering, and rescue for workers, ensuring stability and fall protection during operations.

Industries:

The Tripod 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:

- **Strength and stability:** Tripods must be able to support the weight of the workers and materials being moved. The combined weight of the workers and tools should not exceed the tripod's maximum safe working load.
- **Height and reach:** Tripods should enough clearance for access and egress to the confined space so that workers can access the work location safely and comfortably.
- **Proper Training**: Workers should receive comprehensive training on how to set up, secure, and operate the tripod correctly specially in the confined space area. Adhering to safety protocols, such as using fall protection systems and avoiding overloading the tripod, is vital for optimal safety.

Usage Instruction:

- **Inspection:** Pre-use and periodical inspection should be performed to maintain the intended use.
- **Withdrawn from the service:** Damaged or defective Tripod should be removed from service immediately after inspection.

Storage:

- Store in a clean, cool and dry place to protect from corrosion and contamination, should be stored and transported in their original bag to protect from tampering.

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