

TECHNICAL DATASHEET

Rescue Tripod

EDGE 212 Anchorage Solution

Product Introduction:

- ☐ The Rescue Tripod provides a safe and controlled means of entering and exiting confined spaces, like manholes, tanks or silos. It enables workers to ascend and descend safely, while also providing protection against falls in the event of a depth-related incident.
- ☐ Tripods are used as anchors for the Retrieval Inertia Reel (RIR) in confined spaces rescue operations. The RIR is a device that absorbs the energy of a falling worker, slowing down their descent and preventing sudden stops that could cause injury. Udyogi Tripods are used as anchors because they provide a secure and stable point for the RIR to attach to, allowing for safe and controlled retrieval of workers from confined spaces.


Features:

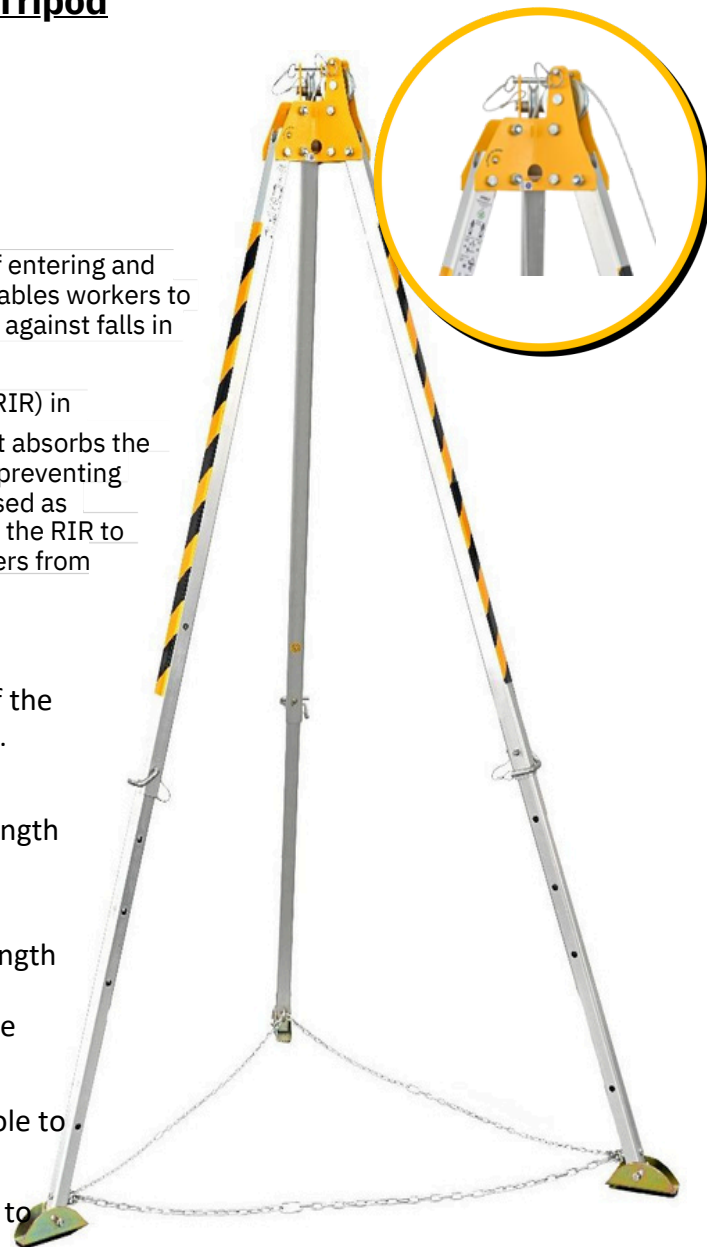
- ☐ **Design:** Two mounted pulleys are there at the head of the Tripod in the extension of the main leg for passing a cable. Having two holes as attachment points and can be used simultaneously.
- ☐ **Tripod Head:** The Tripod head is made up of high strength IS 2062 steel that is golden yellow powder 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:	150 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.)

Standard:

- ☐ EN 795:2012, TYPE B 



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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Applications:

- ☐ Confined Space Working: Winch with tripods are used in confined spaces for entry and rescue operations because they are versatile, easy to use, and can support heavy loads.
- ☐ Construction: Tripods are used in construction for a variety of purposes. Tripods provide a stable base for laser levels, builder's levels, transit levels, and other levelling instruments. Rescue lifting tripods can be used to move heavy objects or rescue people, especially in confined spaces.

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 be tall enough to clear the entrance to the confined space so that workers can enter and exit 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: Damaged or defective Tripod should be removed from service immediately after inspection.

Storage:

- ☐ Always Tripod should be stored and transported in their original bag to avoid to avoid wear & tear due to atmospheric moisture, excessive heat or cold.