

TECHNICAL DATASHEET

ULTRATEK
Full Body Harness

ULTRATEK FULL BODY SAFETY HARNESS

STANDARD: CONFORMING TO EN 361:2002, EN 813:2024, EN 358:2018
CERTIFIED AS PER IS 3521(Part 1): 2021



Product Introduction:

- Udyogi full body harness is a safety harness that connects the worker to The fall protection system anchored into the structure they are working on. It is designed to safeguard the user from injury or fatal incident.
- By donning the harness, the risk of injury resulting from a fall is significantly diminished. The harness enables the user to secure themselves to a stationary object, thereby ensuring that they will not come into contact with the ground in the event of a fall.
- The harnesses evenly distribute the energy of a fall across the wearer's body to reduce the risk of serious injury. The harnesses Provide support for the wearer's hips, legs, chest, shoulders, and back Provide freedom



Features:

- The harness comes with one dorsal D-ring, One Sternal D Ring on chest, Two Lateral D-rings on waist for work positioning and One Ventral D-ring at waist level for rope access.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Fully adjustable waist pad, thigh pads and back strap. Y-shaped padding on shoulder make it comfortable to wear even during long working hours.
- Comfortable and cushioned padding on waist for comfort during long duration use.
- Facilitate vertical and horizontal movements.

Product Specifications:

Model	: ULTRATEK
Webbing Material	: AZO free dyed synthetic Polyester
Webbing Width	: 44 +/-1 mm
Webbing Breaking Strength	: 22 kN
Safe Working Load Capacity	: 100 kg
Stitching Thread Material	: High tenacity virgin multifilament polyester
Stitch Thread Colour	: White
Metal Components	: High quality alloy steel, zinc plated, free from any sharp edges
Harness Colour	: Black
Weight	: 2.2 kg Approx. (Only Harness)

Benefits:

- Protection from Falls: A safety harness is an essential tool in preventing the workers from fatal accidents such as falling to the ground from working at height in workplaces.
- Reduce the risk of injuries: The harnesses distribute wearers' weight evenly, reducing the pressure on their back, legs, and feet, and can also help to prevent falls.
- Energy Absorber: A lanyard needs a shock absorber when it will be used for fall arrest as it helps to absorb the kinetic energy that is created immediate after a freefall.

Applications:

- ☐ **Fall Arrest:** Fall arrest harnesses are designed for use in situations involving elevated heights, where workers are exposed to hazards that may involve a free fall. These harnesses, which are a crucial component of personal protective equipment (PPE), typically feature a back dorsal D-ring, which is a critical component of the harness's safety design.
- ☐ **Working at Height:** Harnesses are used whilst working at heights, they are secured to an anchor point for preventing falls from heights that can result in serious injuries and even fatalities, the safety harness is one of the most effective ways to prevent them.
- ☐ **Ladder climbing:** The harness can be used for ladder climbing to reduce the risk of falling.
- ☐ **Rope Access:** The harness can be used in various Rope Access operation like Rescue, Maintenance and cleaning etc.
- ☐ **Work Position:** A harness can be used for work positioning to hold a worker in place at elevated heights while allowing them to work hands-free. A work positioning harness is a type of full body harness that has positioning D-rings on the both side of waist to allow the worker to use both hands.

Industries:

maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries are as follows.



Safety Information:

- ☐ Energy absorbing lanyard should be used together with Full Body Harness as connecting subsystem in PFAS as per latest IS standard.
- ☐ Users of fall-protection equipment should not exceed 100 kg of total mass (including tools and equipment).

Usage Instruction:

- ☐ **Inspection:** Harnesses should be inspected in every 6 months' interval. Damaged or defective harnesses should be discarded from service immediately after inspection.

Storage:

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