



## TECHNICAL DATASHEET

### UB103 PLUS

Full Body Harness

### FULL BODY SAFETY HARNESS WITH QUICK BUCKLE AND ENERGY ABSORBING LANYARD AND SCAFFOLDING HOOK

**STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021,  
IS 3521(Part 2): 2021, IS 3521(Part 5): 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. The safety harness is securely attached to a shock-absorbing lanyard.
- 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.

#### Features:

- The harness comes with one dorsal D-ring and Two Sternal D rings chest for ladder climbing.
- Available with size adjustment straps only at shoulders, chest and thighs.
- Available with Quick release buckles at chest and thighs for easy donning and doffing during emergency.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Attached with double high strength light weight Energy Absorbing lanyard with scaffolding hook
- Built in dual colour webbing for easy orientation.
- Ideally positioned sit-strap for extended comfort.



#### 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 immediately after a freefall.

#### Product Specifications:

|                                   |  |
|-----------------------------------|--|
| <b>Model</b>                      | : UB103 PLUS   |
| <b>Webbing Material</b>           | : Polyester  |
| <b>Webbing Breaking Strength</b>  | : 22 kN (Minimum)  |
| <b>Safe Working Load Capacity</b> | : 100 kg   |
| <b>Stitching Thread Material</b>  | : High tenacity polyester  |
| <b>Stitch Thread Colour</b>       | : White  |
| <b>Metal Components</b>           | : High quality alloy steel, zinc plated, free from any sharp edges |
| <b>Harness Colour</b>             | : Yellow and Red   |
| <b>Weight</b>                     | : 2.5kg Approx. (Only Harness)                                     |

#### Udyogi



## UB103 PLUS Full Body Harness

### 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:** A harness can be used for ladder climbing to reduce the risk of falling.

### Industries:

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



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General  
Manufacturing



Oil & Gas



Power



Construction



Heavy  
Manufacturing



Agriculture



FMCG

### 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.