



TECHNICAL DATASHEET

TANGO2

Full Body Harness

FULL BODY HARNESS WITH INTEGRATED SHOCK ABSORBING LANYARD WITH SUSPENSION TRAUMA STRAPS

**STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021, IS 3521(Part 2): 2021, IS 3521(Part 5): 2021
EN 361:2002, EN 354:2010, EN 355:2002, EN 362:2004**



Product Introduction:

- A Full Body Harness is a premium safety gear engineered to deliver unmatched protection at height. Designed for superior comfort and performance, it evenly distributes fall arrest forces across the body and offers secure attachment points for lanyards, lifelines, and other fall protection equipment—ensuring workers stay safe, confident, and productive in challenging environments. with integrated shock absorbing lanyard and suspension trauma relief strap which increase the user safety.

Features:

- Light weight design increase user comfort
- Dorsal D-ring and Two Sternal D Rings for fall arrest.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Fully adjustable full body harness.
- Integrated shock absorbing lanyard and suspension trauma.



Product Specifications:

Model	:	TANGO2
Webbing Material	:	Polyester
Webbing Width	:	44 +/-1 mm
Webbing Breaking Strength	:	23 kN
Safe Working Load Capacity	:	100 kg
Stitching Thread Material	:	High tenacity virgin multifilament white colour polyester
Metal Components	:	Shot Blasted Finish High Strength Alloy Steel with Zinc Plated thickness - free of sharp edges. Capable of taking 50 hrs of neutral salt spray testing
Harness Colour	:	Black and Yellow
Rope material	:	Polyamide/Braided
Weight	:	1.28 kg Approx. (Only Harness)

Benefits:

- **Protection from suspension trauma:** Inbuilt suspension trauma relief strap reduce the suspension trauma strap after the fall .
- **Reduce the impact force:** Integrated lanyard with shock absorber reduce the impact on user after a fall.
- **Reduce unsafe practice:** As the harness comes with a shock-absorbing lanyard so the user is bounded to use the lanyard and it reduces the unsafe practice and increase the safety culture.



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Applications:

- **Fall Arrest Systems:** Protects workers from falls during elevated work.
- **Rescue & Evacuation:** Essential for retrieval and emergency scenarios.
- **Confined Space Entry:** Ensures safe access and retrieval in tight environments.
- **Construction & Scaffolding:** Provides reliable safety during building and scaffolding tasks.
- **Tower Climbing:** Enables safe climbing for utility and energy sectors.
- **Industrial Maintenance:** For tasks requiring safe, prolonged suspension.

Industries:

The Harnesses are essential for creating a temporary anchorage point maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries are as follows.



Safety Information:

- Full body harness should be use with appropriate fall arrest device with energy absorption facility.
- Users of fall-protection equipment should not exceed 100 kg of total mass (including tools and equipment).

Usage Instruction:

- Inspect before use
- Ensure all buckles, straps, and D-rings are securely fastened.
- Follow manufacturer instructions for donning, adjustment, and maintenance.
- Replace harness immediately if it has been involved in a fall or shows signs of wear.
- Only trained and authorized personnel should use fall protection harnesses.
- Never modify the harness in any way
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Storage:

- Always store the harness in a dry, well-ventilated area. Avoid keeping it in direct sunlight, high heat, or extreme temperatures, as this can weaken materials or cause fading. For added protection, store and transport the harness in its original packaging to prevent from contamination or damage..