



TECHNICAL DATASHEET

PADDED FULL BODY SAFETY HARNESS

ULTRA-05

Full Body Harness

STANDARD: CERTIFIED AS PER IS 3521(Part 1): 2021;
EN 361:2002, EN 358:2018, EN 813:2008



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.

Features:

- **360° Support:** Distributes impact forces evenly to minimize injury in the event of a fall.
- **Multiple Attachment Points:** Includes dorsal, sternal, ventral and side D-rings for versatile use in fall arrest, work positioning, and rescue.
- **Adjustable Fit:** Equipped with adjustable user-friendly buckles & straps at the shoulders, waist and thigh for comfort and maximum adjustability.
- **Padding :** Breathable padding for maximum comfort for long duration suspended job.
- **Durable Construction:** Made from high-strength webbing and corrosion-resistant edge free hardware for reliability in harsh environments.
- **Compliance:** Meets relevant safety standards

★ USP:

- ✓ 360° Fall Protection
- ✓ Ergonomic Design
- ✓ Heavy-Duty Construction
- ✓ Versatile Attachment Points
- ✓ Maximum adjustability

Product Specifications:

Model	: ULTRA-05
Webbing Material	: AZO free dyed synthetic Polyester
Webbing Width	: 44 +/-1 mm
Webbing Breaking Strength	: 25 kN (Minimum)
Safe Working Load Capacity	: 140 kg
Stitching Thread Material	: Polyester
Stitch Thread Colour	: Orange
Metal Components	: High strength steel component. Free from any sharp edges.
Harness Colour	: Black
Weight	: 2.4 kg Approx. (Only Harness)



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Applications:

- **Fall Arrest Systems:** Protects workers from falls during elevated work.
- **Work Positioning:** Allows secure hands-free operation at height.
- **Rescue & Evacuation:** Essential for retrieval and emergency scenarios.
- **Confined Space Entry:** Ensures safe access and retrieval in tight environments.
- **Rope Access Operations:** Ideal for industrial rope access, cleaning, and maintenance.
- **Construction & Scaffolding:** Provides reliable safety during building and scaffolding tasks.
- **Telecom 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 for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries are as follows.



Telecom



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

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

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.