



TECHNICAL DATASHEET

ATHENA

Women Full Body Harness

PADDED FULL BODY WOMEN SAFETY HARNESS

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



Product Introduction:

- UDYOGI Premium Women Harness is a high-performance full body safety harness Designed with a focus on women's safety in industrial and maintenance applications, the harness is an ergonomically engineered full body safety harness that provides reliable fall protection while ensuring superior comfort and mobility. Its women-specific design evenly distributes fall arrest forces across the hips, legs, chest, shoulders, and back, reducing injury risk and fatigue while enabling safe and efficient work at height during installation, inspection, and maintenance activities.

Features:

- The harness comes with one dorsal D-ring, one sternal D-ring for fall arrest, two lateral D-rings at waist for work positioning.
- Lanyard parking ring for easy and safe parking of lanyard.
- In built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- Available with fully adjustable shoulder, chest, waist and thighs.
- Ultra-comfortable mesh padding available at waist, shoulder and thighs to improve the comfort while working at height.
- Lightweight aluminium quick buckles prevent accidental opening under load.
- Polyester belt tool rings at waist are added to connect tool lanyard with the harness.



Product Specifications:

Model	: ATHENA
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	: High tenacity virgin multifilament polyester
Stitch Thread Colour	: Pink
Metal Components	: High strength aluminium
Buckles	: Aluminium Quick Buckles
Harness Colour	: Black and Pink
Weight	: 2 kg Approx. (Only Harness)

★ USP:

- ✓ Light Weight Aluminium Hardware with Quick Buckles at Chest, Waist and Thighs.
- ✓ The Distinctively Placed Fully Padded Straps at Thighs with Quick Release Buckles Allow Easy Adjustment.
- ✓ Knitted Mesh Pad for Extra Comfort.
- ✓ The Inbuilt Tool Holding Loops for Attaching Tool, Bag, Karabiner Etc.



Applications:

- **Fall Arrest:** Designed for work at height where free-fall hazards exist, the fall arrest harness is an essential PPE component. It incorporates a rear dorsal D-ring for secure connection to a fall arrest system, ensuring safe load distribution and effective fall arrest performance.
- **Working at Height:** Used for working at height, the harness is secured to an anchor point to arrest falls and minimize the risk of serious injury or fatality, making it one of the most effective fall protection solutions
- **Ladder climbing:** Suitable for ladder climbing, the harness helps reduce fall risk by providing secure anchorage and reliable fall protection.
- **Work Position:** Designed for work positioning, the harness securely supports a worker at height for hands-free operation. It features lateral D-rings on both sides of the waist for stable and safe positioning.

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 as follow.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- Inspect straps, stitching, and D-rings before each use.
- Ensure proper fit and secure adjustment.
- Attach only to certified anchor points with compatible fall protection components.
- Verify adequate fall clearance prior to work.
- Use only by trained personnel.
- Remove from service after any fall arrest event.

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.