



TECHNICAL DATASHEET

YU02

Full Body Harness

PADDED FULL BODY SAFETY HARNESS

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



Product Introduction:

- **UDYOGI Premium Wind Harness** is a high-performance full body safety harness engineered for wind industry applications. It securely connects the worker to an anchored fall protection system, providing reliable protection against fall hazards at height.
- Designed for maximum safety and comfort, the harness evenly distributes fall arrest forces across the hips, legs, chest, shoulders, and back—minimizing injury risk while ensuring optimal support and freedom of movement during demanding turbine installation and maintenance tasks.

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.
- Ultra-comfortable EVA material padding available at waist, shoulder and thighs, made of air vent technology to improve the comfort while working at height.
- Waist belt with grommet tongue buckle for simple, reliable, and easy adjustment.
- Lightweight aluminium quick buckle with lock indicator, dual trigger system, prevent accidental opening under load.
- Waist pad is equipped with hard fibre to prevent damages from abrasion.
- Polyester belt tool rings at waist are added to connect tool lanyard with the harness.
- Roller adjuster buckle use in shoulder straps of the harness & easy to adjust straps for a good fit.



★ USP:

- ✓ Built for Vertical Mobility
- ✓ Lightweight Aluminium Quick-Connect Buckles
- ✓ Ultra-Comfortable EVA Material Padding
- ✓ Waist Belt with Grommet Tongue Buckle
- ✓ Ergonomic Weight Distribution
- ✓ Anti-Corrosion Hardware
- ✓ Moisture and UV Resistant Webbing

Product Specifications:

Model	: YU02
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	: Sky Blue and Black
Metal Components	: High strength aluminium
Buckles	: Aluminium quick buckle with lock indicator
Harness Colour	: Black and Blue
Weight	: 2.3 kg Approx. (Only Harness)



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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:

- **Specially engineered for Wind Industry.** The harness is designed to meet the demanding requirements of turbine installation and maintenance, offering enhanced durability, secure fit, and reliable fall protection in high-elevation work environments.



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.
- Do not modify the harness.
- 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.