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> [Irudek Wind Blue 3 Fall Protection Harness User Manual](#)

Irudek Wind Blue 3

Irudek Wind Blue 3 Fall Protection Harness User Manual

Model: Wind Blue 3 | Brand: Irudek

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the Irudek Wind Blue 3 Fall Protection Harness. This multi-purpose harness is designed for work at height, suspension, and positioning applications. It features multiple attachment points and ergonomic adjustments for user comfort and safety.

Key Features:

- One dorsal attachment point for fall arrest.
- One sternal attachment point for fall arrest.
- One ventral D-ring for seating and suspension.
- Two lateral D-rings for work positioning.
- Ergonomic design with automatic aluminum buckles on legs, waist, and shoulders for quick adjustment.
- Includes two accessory rings and one tool holder.
- Complies with European standards EN 361 (Fall Arrest), EN 358 (Work Positioning), and EN 813 (Sit Harnesses).



Figure 1: Front view of the Irudek Wind Blue 3 Fall Protection Harness, showcasing its blue and black webbing and multiple attachment points.

2. SAFETY INFORMATION

WARNING: Failure to follow these instructions can result in serious injury or death. This equipment must only be used by trained and competent persons, or under the direct supervision of such a person.

- Always inspect the harness before each use for any signs of damage, wear, or degradation.
- Ensure all buckles are securely fastened and adjusted correctly.
- Connect only to approved anchor points and compatible equipment.
- Never modify the harness.
- The harness must be removed from service immediately after a fall or if any damage is detected.
- Regular periodic inspections by a competent person are mandatory.
- Understand the risks associated with working at height, including suspension trauma.

3. COMPONENTS OVERVIEW

The Irudek Wind Blue 3 harness consists of several key components:

- **Dorsal Attachment Point:** Located on the back, typically a D-ring, used for fall arrest systems.
- **Sternal Attachment Point:** Located on the chest, often a textile loop or D-ring, used for fall arrest systems.
- **Ventral D-ring:** Located at the waist/front, used for rope access, seating, and suspension.
- **Lateral D-rings:** Two D-rings on the sides of the waist belt, used for work positioning.
- **Automatic Buckles:** Quick-release buckles on leg, waist, and shoulder straps for easy donning and adjustment.
- **Webbing:** High-strength textile straps forming the harness structure.
- **Padding:** Ergonomic padding for comfort on shoulders, back, and legs.



Figure 2: Detail of the dorsal attachment point, designed for secure connection to fall arrest systems.



Figure 3: A D-ring attachment point with an adjacent adjustment strap, illustrating the harness's versatility.

4. SETUP AND ADJUSTMENT

Proper donning and adjustment are crucial for safety and comfort.

1. **Inspect the Harness:** Before donning, perform a thorough visual inspection as described in the Maintenance section.
2. **Hold the Harness:** Hold the harness by the dorsal D-ring, allowing the leg and shoulder straps to hang freely. Ensure no straps are twisted.
3. **Don Shoulder Straps:** Slip your arms through the shoulder straps as if putting on a jacket. The dorsal D-ring should be centered on your back between your shoulder blades.
4. **Connect Leg Straps:** Bring the leg straps between your legs and connect them to the automatic buckles on the waist belt. Ensure the straps are not twisted.
5. **Fasten Waist Belt:** Secure the waist belt buckle.
6. **Adjust Leg Straps:** Tighten the leg straps so they are snug but allow for full range of motion. You should be able to slide your flat hand between the strap and your leg.
7. **Adjust Shoulder Straps:** Adjust the shoulder straps to ensure the harness fits snugly over your shoulders and chest. The sternal attachment point should be centered.
8. **Adjust Waist Belt:** Tighten the waist belt for a secure fit. The lateral D-rings should be positioned symmetrically on your hips.
9. **Secure Excess Webbing:** Ensure all excess webbing is neatly tucked away to prevent snagging.





Figure 4: Detail of an automatic aluminum buckle, highlighting the quick and secure fastening mechanism.

5. OPERATING INSTRUCTIONS

The Irudek Wind Blue 3 harness is designed for three primary functions:

5.1. Fall Arrest

Use the dorsal or sternal attachment points for connecting to a fall arrest system (e.g., lanyard with energy absorber, retractable lifeline). Ensure the connection is made to an anchor point capable of withstanding the forces generated during a fall.

- **Dorsal Attachment:** Ideal for most fall arrest applications, providing a comfortable and effective connection point.
- **Sternal Attachment:** Suitable for situations where a dorsal connection is impractical or for specific rescue scenarios.



Figure 5: Example of a carabiner connected to an attachment point on the harness, demonstrating a secure connection.

5.2. Work Positioning

The two lateral D-rings are used for work positioning systems. Connect a work positioning lanyard to both lateral D-rings and an anchor point. This allows the user to be supported in tension, freeing their hands for work. Always use a separate fall arrest system in conjunction with work positioning, as positioning systems are not designed to arrest a free fall.

5.3. Rope Access / Suspension

The ventral D-ring is specifically designed for rope access and suspension work. Connect your primary rope access system (e.g., descender, ascender) to this point. Always use a secondary safety system (backup rope) connected to a separate attachment point (e.g., sternal or dorsal) when performing rope access.

6. MAINTENANCE AND CARE

Proper maintenance extends the life of your harness and ensures its continued safety.

- **Cleaning:** Hand wash only. Use mild soap and lukewarm water. Rinse thoroughly with clean water. Do not use harsh chemicals, solvents, or bleach.
- **Drying:** Allow the harness to air dry completely in a shaded, well-ventilated area, away from direct sunlight or heat sources.
- **Storage:** Store the harness in a cool, dry, dark place, away from direct sunlight, extreme temperatures, corrosive substances, and sharp objects.
- **Inspection:** Perform a visual inspection before each use. Check webbing for cuts, fraying, burns, discoloration, or excessive wear. Inspect stitching for loose or broken threads. Examine all metal components (D-rings, buckles) for deformation, cracks, corrosion, or sharp edges.
- **Periodic Inspection:** A competent person must perform a detailed inspection at least every 12 months, or more frequently depending on usage and environmental conditions. Maintain inspection records.
- **Service Life:** The maximum service life of the harness is determined by the manufacturer and depends on factors like usage, storage, and environmental exposure. Refer to the product's technical documentation for specific details.

7. TROUBLESHOOTING

If you encounter any issues with your Irudek Wind Blue 3 harness, consider the following:

- **Harness feels uncomfortable or loose:** Re-adjust all straps (leg, shoulder, waist) to ensure a snug but comfortable fit. Refer to the 'Setup and Adjustment' section.
- **Buckles are difficult to fasten/unfasten:** Check for dirt or debris in the buckle mechanism. Clean if necessary. Ensure the webbing is correctly aligned.
- **Visible damage or wear:** Immediately remove the harness from service. Do not attempt to repair it yourself. Contact a qualified professional or the manufacturer for assessment.
- **After a fall:** The harness must be immediately removed from service and destroyed, even if no visible damage is apparent.

For any concerns not addressed here, contact Irudek customer support or a certified equipment inspector.

8. SPECIFICATIONS

Attribute	Detail
Model Number	Wind Blue 3
Brand	Irudek
Dimensions (Size)	S-M
Weight	2.2 Kilograms
Material	Aluminum (buckles), Textile (webbing)
Color	Blue
Style	Full Body Harness
Compliance Standards	EN 361, EN 358, EN 813
Care Instructions	Hand wash only
Components Included	Nylon Bag, Harness

9. WARRANTY AND SUPPORT

For information regarding the warranty of your Irudek Wind Blue 3 Fall Protection Harness, please refer to the documentation provided with your purchase or visit the official Irudek website. For technical support, spare parts, or further assistance, please contact Irudek customer service directly.

It is recommended to register your product with Irudek to receive important safety updates and warranty information.